

## CITAS

### **Roberto Escudero.**

Número de citas: 2128 citas. + 78 autocitas, +47 citas de colaboradores y/o excolaboradores, +42 citas en tesis de ex-estudiantes y tesis internacionales. Abril 2014.

### Producción Científica:

1. Láser de rubí de pulso gigante R. Escudero y R. Magar. Rev. Mex de Fis. 19, 38 (1970).
2. Análisis de esfuerzos y deformaciones con métodos holográficos. R. Escudero, J. Siqueiros y R. Magar. Rev. Ing. XLIV, 1 (1974).
3. Obtención de hologramas. J. Siqueiros y R. Escudero. Rev. Mex. Fis. 23, 11 (1974).
4. Criostato de He(4) para estudios de tunelaje en superconductores. J.L. Heiras, R. Escudero y T.A. Will. Rev. Mex. Fis. 26, 503 (1980).
  - 4.1- G. Hernandez et al, J of Low Tem. Phys. 46, 71 (1982).
  - 4.2- J. L. Heiras et al. Physica 107B, 481 (1981).
5. On the tunneling conductance of A1/I / Bi junctions. R. Escudero and T. Will. KINAM 2, 196 (1980).
6. Cambia mascarillas para uso en la fabricación de juntas túnel. M.A. Ocampo, J.L. Heiras, R. Escudero y T.A. Will. Rev. Mex. Fis. 28, 101 (1981).
  - 6.1- M A. Ocampo et. al. J. Appl. Phys. 53, 3698 (1982).
7. Influence of electrode resistance on tunnel junctions conductance. T. Will and R. Escudero. J. Appl. Phys. 52, 1405 (1981).
  - 7.1- Adler J. G. and Will T. A. Appl. Phys. Lett. 42, 904 (1983).
  - 7.2- T. A. Will and J. G. Adler J. of Low Temp. Phys. 53, 23 (1983).
  - 7.3- M. A. Ocampo et. al. J. Appl. Phys. 53, 3698 (1982).
  - 7.4- T. A. Will Proc. Winter Meeting on Low Temp. Phys.2, 1 (1981).
  - 7.5- Escudero R. and Will T., Kinam 2, 169 (1980).
  - 7.6-.Khachaturov AL, Hatta E, Svistunov VM. J. Phys. Soc. Japan. 72 (1), 131 (2003).
8. Non-equilibrium properties of ultrashort superconducting microbridges. R. Escudero and H.J.T. Smith. Phys. Rev. B30, 2527 (1984).
  - 8.1- Smith H. J. T. IEEE Mag. 23, 1058 (1987).
  - 8.2- Escudero R. et al., Phys. Rev B 31, 2725 (1985).
  - 8.3- Tideck. R. SPR TRAC. M 121, 1 (1990).
  - 8.4- Rodrigo JG, Suderow H, Vieira S, et al. J. of Physics: Cond. Matter 16 (34), R1151 (2004).
  - 8.5- Rodrigo JG, Suderow H, et al. arXiv: cond-mat/0410500v1. 2004.
9. Interactions of strongly coupled superconducting microbridges. R. Escudero and H.J.T. Smith. J. Appl. Phys. 56, 3271 (1984).
  - 9.1- Wu. Br et. al. Phys. Rev.B37, 3349 (1988).
  - 9.2- Blackburn J. A. et. al. J. Appl. Phys. 64, 3112 (1988).

- 9.3- Jensen H. D. IEEE Mag. 25, 1412 (1989).
- 9.4- Dion M. M., Master of Science Thesis (Physics) University of Waterloo, Canada. 1985.
- 9.5- Smith H. J. T. and Dion. M Phys. Rev. B42, 206 (1990).
- 9.6-.Smith H.J.T. et al., IEEE Trans. Magnet. Mag.23, 1058 (1987).
10. Quasiparticle recombination time in tin superconducting microbridges. R. Escudero and H.J.T. Smith. Low Temp. Phys. 17, 791 (1984).
- 10.1- Gallagher W. J. IEEE transaction on Magnetic. MAG 21, No. 2, 709 (1985).
11. Microwave enhancement of the energy gap in superconducting tin. R. Escudero and H.J.T. Smith. Low Temp. Phys. 17, 793 (1984).
12. Energy gap enhancement in superconducting tin by microwave. R. Escudero and H.J.T. Smith. Phys. Rev. B31, 2725 (1985).
- 12.1-.Escudero R. et al., Phys. Rev. B 36, 3910 (1987).
- 12.2-.Reinhard Tidecks "Current-Induced NONEQUILIBRIUM PHENOMENA IN Quasi-One Dimensional SUPERCONDUCTORS". Springer-Verlag, 1990.
- 12.3-.D.R. McIntosh and J. Lindesay. Phys. Rev. B 50, 15852 (1994).
- 12.4-.Dan Dahlber E, and Schuller I. In Proceeding of the R. L. Orbach Symposium ed. D. W. Hone, World Scientific page 20, 1996.
- 12.5-.Romanov SG, and Shaushur DV. Phys. Solid State 42 (4), 594 (2000).
13. A study of applied microwaves and quasiparticle injection on the dynamically enhanced supercurrent of a microbridge. H.J.T. Smith, M. Dion and R. Escudero. IEEE transaction on Magnetic. MAG 23, 1058 (1987).
14. Change in the charge density wave characteristic of  $\text{NbSe}_3$  by introduccion of Cu atoms into the crystal. D. Mendoza and R. Escudero. J. of Mat. Science lett. 6, L1019 (1987).
15. Superconductivity at 90 K in the Y-Ba-Cu-O system. R. Escudero, L.E. Rendon, T. Akachi, J. Heiras, C. Vázquez, L. Baños, F. Estrada and G. González. Jap. J. of Appl. Phys. 26, L1019 (1987).
- 15.1- Nishi Y et al., Phys. Lett. A126, 55 (1988).
- 15.2- Nishi Y et al., J. Mat. Sci. Lett. 7, 359 (1988).
- 15.3- Poole C.P. Jr. in "Copper Oxide Superconductors" John Wiley & Sons, 1988.
- 15.4- Bhalla A.S. et al., " Chemistry of Oxide Supeconductors" ed. C. N. R. Rao Blackwell Scientific Publications 1988.
- 15.5- Nishi Y et al., J. Mat. Sci. Lett. 8, 237 (1989).
- 15.6- Newsman J. M. et al. Solid State Ionics 32-3, 1064 (1989).
- 15.7- Ivanov Z. Modern. Phys. Lett. B2, 805 (1988).
- 15.8-.Akachi T et al. J. Phys. C: Solid State Phys. 21, 2565 (1988)
- 15.9-.Escudero R. et al in Novel Superconductivity ed. Wolf and Kresin. 1011 (1987).
- 15.10-.Akachi T. et al., II Simposio Nal. de Fhs. del Estado Sólido. Cuernavaca, Mor. Vol. 10, No. 3, 1987. UNAM, México.
- 15.11-.Escudero. R. II Simposio Nal. de Física del Estado Sólido. Cuernavaca, Mor. Vol. 10, No.3, 1987. UNAM, México.
16. Measurements on the new high-Tc superconductor Nd-Ba-Cu oxide system. R. Escudero, T. Akachi, R. Barrio, L.E. Rendon, C. Vázquez, L. Baños, G. González and F. Estrada. Solid State Commun. 64, 235 (1987).
- 16.1- Viswanathan B. et al., Solid State Comm. 66, 409 (1988).
- 16.2- Zhang X. S. et al., Phys. Lett. A130, 311 (1988).
- 16.3- Poole C. P. et al., in "Copper Oxide Superconductors" John Wiley and Sons.1988.
- 16.4- Ali N. et al., J. Less Com. Met. 149, 435 (1989).
- 16.5- Beyers and Shaw T. Solid State Physics. Vol. 42 Academic Press page 135, 1989.
- 16.6- Bucio L. Tesis de Lic. en Ing. Fisica. Universidad Iberoamericana. 1990.
- 16.7-.Akachi T et al., J. Phys. C: Solid State Phys. 21, 2565 (1988).
- 16.8-.Escudero R. High Temperature Super. Vol. 5, 54 (1988).

- 16.9.-Estrada F., et al. Memorias. VII Cong. Nal. Fis. de Sup. page 11-13 (1987). Morelia, Mich.
- 16.10.-Escudero. R. II Simposio Nal. de Física del Estado Sólido. Cuernavaca, Mor. Vol. 10, No.3, 1987. UNAM, México.
- 16.11.-Arnett WD, Zint DR, Hamrin CE, et al. Journal of Superconductivity. 1 (4):427-440 (1988).
17. High Tc superconductivity in a new mixed phase Y-Ba-Al-Cu-O compound system. R. Escudero, L.E. Rendón, T. Akachi, J. Heiras, C. Vázquez, L. Baños, F. Estrada and G. González. Rev. Mex. de Fis. 33, 167 (1987).
- 17.1.-Escudero. R. II Simposio Nal. de Física del Estado Sólido. Cuernavaca, Mor. Vol. 10, No.3, 1987. UNAM, México.
- 17.2.-Tsang T. Sol. State Comm. 76, 1205 (1990).
- 17.3.-Tsang T. Sol. State Comm. 74, 1287 (1990).
18. Electron tunneling in the high-Tc superconductor  $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ . R. Escudero, L. Rendón, T. Akachi, R.A. Barrio and J. Tagüeña Martínez. Phys. Rev. B36, 3910 (1987).
- 18.1- Que W. M. & Kirczenow G. Phys. Rev. B38, 4601 (1988).
- 18.2- Emelchenko G. A. et al., Fiz. Niz. Tem. 14, 738 (1988).
- 18.3- Rauluszkiewicz J. et al., Physica C152-153, 1391 (1988).
- 18.4- Enomoto H. et al., Mat. Res. Soc. Symp. Proc. 99, 853 (1988).
- 18.5- Poole C. P. Jr. et al., "Copper Oxide Superconductors" John Wiley and Sons. 1988.
- 18.6- Subramanian R. et al., Rev. Solid State Sci. 2, No. 182, 339 (1988).
- 18.8- Mahan G. D. Phys. Rev. B40, 1317 (1989).
- 18.9- Carbotte J. P. & Marsiglio F. in "Studies of High Temperature Superconductors" ed. A. V. Narlikar, Nova Science Publisher 1989.
- 18.10- Barrio R. A., High Temperature Superconductors Vol. 5, 206 (1988). World Scientific Pub. Co.
- 18.11- Estrada F., Tesis de Lic. Física, Fac. de Ciencias UNAM. agosto, 1988.988.
- 18.12- Vanschevicens. H. J. Criogenics 30, 856 (1990).
- 18.13- Murrieta H. et al., J. Phys. C: Solid State Phys. 21, 4999 (1988).
- 18.14- Gomez R. et al., Phys. Rev. B36, 7226 (1987).
- 18.15- Gomez R. et al., World Scientific Publ. Co. Vol. 9, 315 (1988).
- 18.16- Escudero R. et al. in Novel Superconductivity ed. Wolf and Kresin. 1011 (1987).
- 18.17- Estrada F., et al. Memorias del VII Congreso Nal. Fis. de Sup. page 11-13 (1987). Morelia, Mich.
- 18.18- Escudero. R. II Simposio Nal. de Física del Estado Sólido. Cuernavaca, Mor. Vol. 10, No.3, 1987. UNAM, México.
- 18.19- Carbotte JP. Rev. Mod. Phys. 62, 1027 (1990).
- 18.20- Wu XL. et al. Prog. Inorg 39, 431 (1991).
- 18.21- Pandley RK, et al. J. Supercond. 12: (2), 441 (1999).
19. Indication of high local fields in the  $\text{YBa}_2\text{Cu}_{2.9375}\text{Fe}_{0.06250}\text{O}_{7-x}$  superconductor by mossbauer spectroscopy. R. Gómez, S. Aburto, M.L. Marquina, M. Jiménez, V. Marquina, C. Quintanar, T. Akachi, R. Escudero, R.A. Barrio and D. Rios-Jara. Rapid Comm. Phys. Rev. B36, 7226 (1987).
- 19.1- Poole C. P. Jr., Datta T. and Farach H. A. "Copper oxide superconductors", John Wiley and Sons, 1988, pp. 170.
- 19.2- Saragovi-Badler C. et al., Solid State Comm. 66, 381 (1988).
- 19.3- Obara H. et al., Jpn. J. Appl. Phys. 27, L603 (1988).
- 19.4- Saul A. et al., Solid State Comm., 66, 471 (1988).
- 19.5- Marin F. P. and Iraldi R., Phys. Rev. B39, 4273 (1988).
- 19.6- Oota A. et al., Jpn. J. Appl. Phys. 27, L333 (1988).
- 19.7- Danon J. et al., Notas de Fisica CBPF-NF-046187. Rio de Janeiro (1988).
- 19.8- Jarvinen R. J. O. et al., Physica C153, 882 (1988).
- 19.9- Dunlap B. D. et al., Physica C153, 1100 (1988).
- 19.10- Eibschutz M. et al., Phys. Rev. B38, 2896 (1988).
- 19.11- Eibschutz M. et al., Phys. Rev. B38, 8858 (1988).
- 19.12- Murrieta H. et al., J. Phys. C21, 4999 (1988).
- 19.13- Nath A. et al., Solid State Comm. 68, 181 (1988).
- 19.14- Tarascon J. M. et al., Phys. Rev. B37, 7458 (1988).

- 19.15- Domínguez J. M. et al., *Progress in High Tc Superconductors* Vol 5, World Sientific Publ. Co., 172 (1988).
- 19.16- Mercader R. C. et al., *Progress in High Tc Superconductors* Vol. 9, World Scientific Publ. Co. 323 (1988).
- 19.17- Beyers R. and Shaw T. M. *Solid State Physics* Vol. 42, ed. H. Ehrenreich and D. Turnbull, Academic Press Inc., 135 (1989).
- 19.18- Markert J. T. Dalichaouch Y. and Maple M. B. *Physical Properties of High Temperature Superconductors I* ed. D. M. Ginsberg, World Scientific Pub. Co., 265, (1988).
- 19.19- Bridges F. et al., *Phys. Rev.* B39, 1603 (1989).
- 19.20- Tang H. B. et al.*Phys. Rev.* B39, 12290 (1989).
- 19.21- Xu Y. et al., *Phys. Rev.* B39, 6667 (1989).
- 19.22- Yang C. Y. et al., *Phys. Rev.* B39, 6681 (1989).
- 19.23- Haapakoski P. and Bary Malik F., *Condensed Matter Theories*, (Plenum Press) 4, 311 (1989).
- 19.24- Suryanarayanan R. et al., *Solid State Comm.* 70, 47 (1989).
- 19.25- Dunlap B. D. and Kimball C. W., *Hyperfine Interactions*, 49, (1-4), 189 (1989).
- 19.26- Lyubutin I. S. et al., *Zh. Ekspd. Teo.* 95, 1908 (1989).
- 19.27- Lyubutin I. S. et al., *Phys. Lett.* A137, 144 (1989).
- 19.28- Kim C. J. et al. *J. Mater. Sci.* 25, 2165 (1990).
- 19.29- Gomez R., *High Temperature Superconductors* Vol. 5, 113 1988. World Scientific Pub. Co.
- 19.30- Escamilla R., *Tesis Lic. en Física*, Fac. Ciencias UNAM, Nov. 1990.
- 19.31- Gama A., *Tesis Lic. Física*. Fac. Ciencias, UNAM. 1990.
- 19.32- González G., *Tesis de Lic. en Física*, Fac. Ciencias, UNAM. marzo de 1988.
- 19.33- Chavira E., *Tesis de Maestría en Química*, Fac. de Química, UNAM. marzo de 1989.
- 19.34- Gómez R., *Rev. Mex. Fis.* 34, 442 (1988).
- 19.35- Barrio R.A., Wang Ch and Taguena J. *Rev. Mex. Fis.* 34, 407 (1988).
- 19.36- Barrio R.A., *Progress in H. T. S* (World Scientific) 5, 54 (1988).
- 19.37- Gómez R., *Progress in High Temperature Superconductors*, World Sientific. 9, 315 (1988)
- 19.38- JHA, S., *Hyper. Inter* 55, 1317 (1990).
- 19.40- Gomez R. W. et al., *Physica C* 162, 989 (1989).
- 19.41- Gomez R. et al., *Modern Phys. Lett. B* 3, 1127 (1989).
- 19.42- Lopez-Morales M. E. et al., *Physica C* 153, 942 (1988).
- 19.43- Gomez R. et al., *Physica C* 153, 1557 (1988).
- 19.44- Gomez R. et al. in "High Temperature Superconductors" P. Vincenzini (editor) Elsevier Science Publishers B. V., 1991, page 443-450.
- 19.45- Rios-Jara D. et al., *World Scientific* Vol. 9, 445 .Singapore, 1988.
- 19.46- Escudero R. in *High Temperature Superconductivity*. Vol. 5, 54 (1988). World Scientific Co. Singapore.
- 19.47- Gonzalez G. et al., *MRS* 99, 899 (1988).
- 19.48- Gonzalez G., et al., *II Simposio Nal. de Fis. del Estado Sólido*. Cuernavaca, Mor. Vol. 10, No. 3, 1987. UNAM, México.
- 19.49- Gonzalez G. et al., *Memorias VII C. Nal. Fis. Sup.* Page 17, (1987). Morelia, Mich.
- 19.50- Gomez R. et al., *High Temperature Super.* Vol. 5, 251 (1988).
- 19.51- Nasu S. et al., *Progress in High Temp. Supercon.* 15, 214 (1989).
- 19.52- Morrish A. H. et al., *Progress in High Temp. Supercon.* 17, 319 (1989).
- 19.53- Saragovi C. et al., *PHYSICA C* 168, 493 (1990).
- 19.54- Articulo recomendado en *CRYOGENICS* 30, 549 (1990).
- 19.55- Chen F. *TRAC-TRENDS* 10, 35 (1991).
- 19.56- Dawson W K. et al. *Hyper. Inter* 63, 219 (1990).
- 19.57- Saragovi C. et al., *Transport Properties of Superconductors*, *Progress in High Temperature superconductivity* 25, 658 (1990).
- 19.58- Nunez L et al. *Phys. Rev. B* 44, 4526 (1991).
- 19.59- Varnek V.A. et al. *J. Struct. CH* 30, 338 (1989).
- 19.60- Stukan RA. et al. *KHIM FIZ.* 9, 29 (1990).
- 19.61- Moodenbaugh AR. *Phys. Rev. B* 44, 6991 (1991).
- 19.62- Elmassalami R et al. *Physica C* 183, 143 (1991)
- 19.63- Chechersky and Amar Nath *Hiper. Interactions* 72, 173 (1992).

- 19.64.-Ellis DE, et al. *Physica C* 198, 57 (1992).
- 19.65.-Li M, Chen WJ *J. Math Chem* 19, 317-329 1996.
- 19.66.-Ellis DE, Baggio Saitovich E, Lam DJ. *Notas de Fisica CBPF-NF-056/91*
20. Degradation effects in the high-Tc superconductor  $GdBa_2Cu_3O_{7-d}$ . T. Akachi, R. Escudero, R.A. Barrio, D. Rios-Jara and L. Baños. *J. Phys.C: Solid State Phys.* 21, 2565 (1988).
- 20.1- Sokolov A. N. et al., *Zh. Neorg. Khim.* 34, 1923 (1989).
- 20.2- Nefedov V. I. and Sokolov A. N. *Zh. Neorg. Khim* 34, 2723 (1989).
- 20.3- Gafarov S. F. et al., *Pisma. Zh. Tekh Fiz.* 15, 66 (1989).
- 20.4.-Barkatt A. et al. *MRS Bulletin Vol.XVIII*, No 9, 45 (1993).
21. Specific heat measurements of the Bi and the b'1 phases in a Cu-Zn-Al alloy. R. Tsumura, D. Rios-Jara, M. Chaves, L. Rodriguez, T. Akachi and R. Escudero. *Phys. Stat. Sol. a* 105, 411 (1988).
- 21.1- Planes A. Castan T. and Ortin J. *J. Appl. Phys.* 66, 2342 (1989).
- 21.2-.Segui C. et al. *Mat. Trans. JIM*, 31, 375 (1990).
- 21.3-.Font J. et al. *Material Letts.* 14, 7-10 (1992).
- 21.4-.Pelegrina JL, Romero R. *Mat. Sci. Eng A-Struct* 282: (1-2), 16 (2000).
- 21.5-.Romero R, Pelegrina JL. *Mat. Sci.Eng A-Struct* 354 (1-2), 243 (2003).
- 21.6-.Marinelli P, Guillermet AF, Sade M. *Mat. Sci. Eng. A-STRUCT.* 373: 1-9 (2004).
- 21.7-.Martinez OE, Cesa Y, Mingolo N, et al. *Appl. Phys. B-Lasers and Optics* 80 (3): 365-371 (2005).
- 21.8-.Delaey L. *The Science of Hysteresis* 2006 Academic Press.
22. Anomalous behaviour of the mossbauer parameters of a  $YBaCu_{2.875}Fe_{0.125}O_y$  superconductor around 110 K. R. Gómez, S. Aburto, V. Marquina, M.L. Marquina, M. Jiménez, C. Quintanar, T. Akachi, R. Escudero, R.A. Barrio and D. Rios-Jara. *Physica C*, 153, 1557 (1988).
- 22.1- Marin F. P. et al. *Phys. Rev. B* 39, 4273 (1989).
- 22.2- Koizumi A. et al., *Jpn. J. Appl. Phys.* 28, L203 (1989).
- 22.3-.Gomez R. W. et al., *Physica C* 162, 989 (1989).
- 22.4-.Gomez R. et al., *Modern Phys. Lett. B* 3, 1127 (1989).
- 22.5-.Dawson W K. *Hyper. Inter.* 63, 219 (1990).
- 22.6-.Yureva EI, Zhukov VP, Medvedeva NI et al. *Phys Status Solidi A* 146, 557-586 1994.
23. On the crystallographic structure and electronic behavior of  $PrBa_2Cu_3O_{7-y}$ . M.E. Lopez-Morales, D. Rios-Jara, J. Taguena Martínez and R. Escudero. *Physica C*.153, 942 (1988).
- 23.1- Nataraja S. *Phase Trans.*, 19, 61 (1989).
- 23.2- Hoff M. A. et al., *Journal of Superconductivity* Vol.2, 351 (1989).
- 23.3- Collin G. J. *Physique* 51, 1163 (1990).
- 23.4- Bechele G. K. *Solid State Comm.*, 74, 629 (1990).
- 23.5-.Radousky H.B. *Journal of Materials Research*, Aug, (1991).
- 23.6-.Nevriva M. et al. *Physica C*179, 253 (1991).
- 23.7-.Bear J.L, et al. Proc.of the 1992 TCSUH Workshop on HTC Materials. Houston TX Feb. 27-28, 1992.
- 23.8-.in Crystal Chemistry of High-Tc Superconducting Copper Oxides (ed) B. Raveau, C. Michel, M. Hervieu, and D. Groult. Springer- Verlag; Springer Series in Materials Sci. 1991, chap. 4, page 94.
- 23.9-.Xiong H, Che GC, Yao YS, et al. *Acta Phys. Sin-CH ED.* 50 (9), 1783 (2001).
24. Superconducting and structural properties of  $Er_{(1-x)}R_xBa_2Cu_3O_y$ . compound with R=Y, Gd, Yb, La, Ho and Eu. L. Govea, R. Escudero, D. Rios-Jara, C. Pina, F. Morales, C. Wang, and R. A. Barrio. *Physica C*, 153, 940 (1988).
- 24.1- Felner I. *Thermochim Acta*. 174, 41 (1991).
- 24.2- in Crystal Chemistry of High-Tc Superconducting Copper Oxides (ed) B. Raveau, C. Michel, M. Hervieu, and D. Groult. Springer- Verlag; Springer Series in Materials Sci. 1991, chap. 3, page 87.
- 24.3- in Crystal Chemistry of High-Tc Superconducting Copper Oxides (ed) B. Raveau, C. Michel, M. Hervieu, and D. Groult. Springer- Verlag; Springer Series in Materials Sci. 1991, chap. 4, page 93.
- 24.4- M. Kumar, *Phys. Stat. Sol. B* 196, 209 (1996).
- 24.5- K. Yoshida. *Phys.Rev. B* 60, 9325 (1999).

24.6.-K. Yoshida . *Physical Review B - Condensed Matter and Materials Physics* 76 (2), art. no. 024514 (2007).

25. Influence of lead on the formation of the 110 K superconducting phase in the Bi-Sr-Ca-Cu-O compounds. E. Chavira, R. Escudero, D. Rios-Jara and L.M. León. *Rapid Comm. Phys. Rev.* B38, 9272 (1988).
- 25.1- Yang Z. J. et al., *Physica* C162, 1587 (1989).
- 25.2- Tallon J. L. et al., *Physica* C158, 247 (1989).
- 25.3- Suryanarayanan R. et al., *Supercond.*, 2, 261 (1989).
- 25.4- Sharp J. H. Br. *Ceramic Trans.* J. 89, 1-7, (1990).
- 25.5- Heiras J. et al., *Int. J. Modern Physics* 4, 131 (1990).
- 25.6- Balvinder G. et al., *Solid State Comm.* 73, 573 (1990).
- 25.7- Heiras J. *Progress in High Temperature Superconductors* World Scientific Pub. Co. Vol. 26, 25 (1991).
- 25.8- Yang Z. J. et al., *J. Magn. Mag.* 89, 309 (1990).
- 25.9- Bengtsson L. J. *Chem Soc. Faraday*. 86, 351 (1990). R
- 25.10- Dhene N. G. *Vacuum* 40, 263 (1990).
- 25.11- Gogia B. *Solid State Comm.*, 73, 573 (1990).
- 25.12- Svoboda P. *Physica* C167, 188 (1990).
- 25.13- Tomy C. V. *Solid State Comm.*, 74, 493 (1990).
- 25.14- Gama A., *Tesis Lic. Física. Fac. Ciencias, UNAM.* 1990.
- 25.15- Bucio L., *Tesis de Lic. en Ing. Física, U. Iberoamericana.* 1990.
- 25.16- Muralidh. M. *Cryst. Res T* 25, 561 (1990).
- 25.17- Tretyako Y. D., *Zh. Neorg. K* 35, 1635 (1990).
- 25.18-.Salinas Pena L. *Tesis Lic. Física. F. Ciencias UNAM.* marzo 1991.
- 25.19-.Garcia-Ruiz A. *Progress in High Temperature Superconductors* World Scientific Pub. Co. Vol. 26, 137 (1991).
- 25.20-.Nguyen T. P. *Eur. J. Sol.* S. 27, 689 (1990).
- 25.21-.Gama A et al.,*Phys. Rev. B* 42, 2161 (1990).
- 25.22-.Escudero R. et al.,*Physica C* 162, 1059 (1989).
- 25.23-.Escudero R. et al., *Appl. Phys. Lett.* 54, 1576 (1989).
- 25.24-.Chavira E. et al., *ICTPS'90* World Scientific Vol 25, 639 (1990).
- 25.25-.Escudero. R Vol. 20, 49 World Scientific Publishing Co. 1989.
- 25.26-.Dissanay MA. *Mater. Lett.* 10, 133 (1990).
- 25.27-.Feng Q. R. et al. *Research Report of HTSC,* Department of Physics Peking University. Jul. 1991, page 3-4.
- 25.28-.Castellanos, A.G. et al., *Ferroelectrics* accepted 1991.
- 25.29-.Muralidh M. *Mater. Chem. Phys.* 27, 297 (1991).
- 25.30-.Feng Q.R. *Sol. St. Comm.* 78, 609 (1991).
- 25.31-.Muralidh M. *Phys. Status Solidi A* 126, 115 (1991).
- 25.32-.Ayoub NY. *J. Phys. Cond.* 3, 9467 (1991).
- 25.33-.Vlasse M. et al. *Supercond. Sci. Technol.* 5, 236 (1992).
- 25.34-.Nam H. Hur et al. *Solid St. Comm.* 82, 547 (1992).
- 25.35-.Suryanarayanan et al. *Supercond. Sci. Technol.* 2, 261 (1992).
- 25.36-.Dissanayake. MA. et al *Mater. Lett.* 12, 403 (1992).
- 25.37-.Skyorova. D *Chem. Listy.* 86, 8, (1992A).
- 25.38-.Chen Y.L. *J. Am. Ceram.* 75, 1142 (1992).
- 25.39-.Muralidh M. *Phys. St. S. A.* 126, 115 (1991).
- 25.40-.Awana VPS et al. *Mater.Res. B* 28,1 (1993).
- 25.41-.Muralidh M. et al. *Mater. Chem.. Phy.* 33, 117 (1993).
- 25.42-.Rao. DM et al. *Cryst. Res. T.* 28(2), 285 (1993).
- 25.43-.Sykorova D. *Chem. Listy.* 86, 8 (1992).
- 25.44-.Kishore KN. et al. *Mat. Sci. E. B.* 14, 401 (1992).
- 25.45-.Hur NH. et al. *Sol. State Commun.* 82, 547 (1992).
- 25.46-.Wongng W. et al. *Am. Ceram. S.* 71, 1261 (1992).
- 25.47-.Chavez G. M. tesis de doctorado en Química FQ. UNAM 1994
- 25.48-.Rao D. M. et al. *Cryst Res. Tech.* 28, 245(3) (1993).
- 25.49-.Diaz Valdez. E et al. *Mater. Chem. Phys.* 36, 64 (1993).

- 25.50.-Muralidhar. M. et al. Mat. Sci. Eng. B. 20, 312 (1993).
- 25.51.-Matsubara I. Physica C 218, 181 (1994).
- 25.52.-Kameneva MY. J. Struct. Ch. 34, 771 (1994).
- 25.53.-Shan CH. Physica C 222, 393 (1994).
- 25.54.-Risbud SH, Shan CH Physica C 242, 209 (1995).
- 25.55.-Veerende C. J. Mater. Sci. 30, 369 (1995).
- 25.56.-Veerende C. J. Phys. Stat. Sol. A 144, 299 (1994).
- 25.57.-Chatterjee S et al. Phys. Rev. B 54, 10143 (1996).
- 25.58.-Vlasse M et al J Appl. Superconduct. 4, 79 (1996).
- 25.59.-Manfredotti C, et al Physica C 303, 94 (1998).
- 25.60.-Anderson JW, et al. Supercond. Sci. Tech. 12(9), 617 (1999).
- 25.61.-Anderson JW, et al. J. Material Research. 14(2), 340 (1999).
- 25.62.- Barik HK, et al. Philos. Mag B 79 (8), 1161 (1999).
- 25.63.-Manfredotti C, Truccaato M, Rinaudo G, et al. Physica C 353, 184 (2001).
- 25.64.-Liang B, Bernhard C, Wolf T, et al. Superconductor Science and Technology 17(6), 731 (2004).
- 25.65.-Pop AV, Marconi D, Pop V, et al. Journal of Optoelectronics and Advanced Materials 8 (2): 476-479 (2006).
- 25.66.-Bulletin of Materials Science Vol. 14 (4) International Conference on Superconductivity III pag. 913-919 “ Role of Lead in the growth of the high T<sub>c</sub> phase in the Bi<sub>2-x</sub>PbxSr<sub>2</sub>Ca<sub>2</sub>Cu<sub>3</sub>O<sub>y</sub> Systems” Vaidhyanathan LS, Niraimathi AM, Majumdar P, et al.
- 25.67.-Kashyap SC, Bhatnagar MC, Gogia B, et al. Beijing International Conference on High Temperature Superconductivity pag. 288-290
- 25.68.-Rao Mangapathi Rao Muralidhar M, Somaiah T, et al. Bulletin of Materials Science “Influence of Sintering Time and Quenching on the Formation of High T<sub>c</sub> Phase”. Springer India 1991.
- 25.69.-Chien-Hua Shan, Hanson Fong, Risbud SH. Physica C 242 (3-4) 209-215 (1995).
- 25.70.-Zakaullah K, Qazi I, Maqsood A. Optoelectronic Materials-Rapid Communications 2 (5): 267-273 (2008).
- 25.71.-Pop AV, Marconi D, Pop V, et al. Journal of Optoelectronic and Advanced Materials 8 (2): 476-479 (2006).
- 25.72.-Vaidhyanathan LS, Niraimathi AM, Majumdar P, et al. Bull. Mater. Sci. 14 (4): 913 (1991).
- 25.73.-Pandya DK, Balvinder G, Kashyap SC, Chopra KL. Beijing International Conf. On High Temperature Superconductivity . Progress in High Temperature Superconductivity Vol. 22, 210. (1989).
- 25.74.-Mangapathi Rao D, Muralidhar M, Somaiah T, Babu H. Bull. Mater. Science. 14, (2), 199 (1991).
- 25.75.-Fhere N, MasonG, Alice R. High Temperature Superconducting Compounds II; Proc. Second Symposium, Anaheim CA, 1990. Page 361.
- 25.76.- Salamat H, Akhavan M. International J of Engineering. 11(1) Feb 1998 21-28.
- 25.77.- Faisal WM, Al-Ani Salwan KJ. International Journal of the Physical Sciences. 7(2): 171-181 (2012).
- 25.78.- Kumar J, Sharma D, et al. arXiv: 1211.4681 (2012).
26. Tunneling measurements in the Bi superconductors. R. Escudero, F. Morales, F. Estrada and R.A. Barrio. Modern Physics Lett. B3, 73 (1989).
- 26.1.-Morales F.,Tesis de Maestría (Física). F. de Ciencias, UNAM. marzo de 1991.
- 26.2.-Escudero R. et al., Physica C 166, 15 (1990).
- 26.3.-Escudero R. et al., Physica C 162, 1059 (1989).
- 26.4.-Escudero. R Vol. 20, 49 World Scientific Publishing Co. 1989.
- 26.5.-Seidel P.,et al. Phys. Stat. Sol. (a) 122, 645 (1990).
- 26.6.-Hasegawa T, Ikuta H, Kitazawa K. Tunneling Spectroscopy of Oxide Superconductors: “Physical Properties of High Temperature Superconductors Vol. III. ed. D. M.Ginsberg, (World Scientific Publishing, 1992) 6.
- 26.7.-Harutuni S.R. et al. Fiz. Niz. Tem. 18, 195 (1992N).
- 26.8.-Svistunov M. Fiz. Tverd. T. 34, 1855 (1992).
- 26.9.-Srinivasan R. Studies on Supercond. Energy gap. page 265. Studies of High Temperature Superconductors. ed. A.V. Narlikar, Vol. 5. Nova Science Pub. 1990.
- 26.10.-Dzhumanov. S. Pramana- J. Phys. 45, 385 (1995).
- 26.11.-Dzhumanov S. Phys. Rev B 54, 3121 (1996).
- 26.12.-Suvarna AM et al. Physica C 300, 33-37 (1998).

- 26.13.-Dzhumanov S et al. Int. J. of Mod. Phys. B12, 2151 (1998).
- 26.14.-Dzhumanov S. International Centre For Theoretical Physics. IC 957221. (1995).
27. An electron paramagnetic resonance study of Y-Ba-Cu-O. type ceramics in superconducting and non superconducting phases. H. Murrieta, G. Aguilar, S.J. Ramírez, T. Akachi, R.A. Barrio, R. Escudero and J. Rubio. J. Phys.C: Solid State Phys. 21, 4999 (1988).
- 27.1.-Pechoniy A P. Phase Tran. 29, 105 (1990).
- 27.2.-Shrivastava K N. Phys. Report 200, 51 (1991).
- 27.3.-Kaplan IG, et al. J. Phys. Condens Mat. 11, 1049 (1999).
- 27.4.-Muralidharan PU, Ramamohan TR. Phys. Rev B 44 (14): 7712 (1991).
28. Isolation of the 110K superconducting phase of Bi-Pb-Sr-Ca-Cu-O compounds. R. Escudero, E. Chavira, and D. Rios-Jara. Appl. Phys. Lett. 54, 1576(1989).
- 28.1- Dong C. et al., Physica C161, 257 (1989).
- 28.2- Zhang J.M. Appl. Phys. Lett. 55, 1906 (1989).
- 28.3- Roul B. K. Physica C160, 439 (1989).
- 28.4- Bokhimi et al., Submitted to Nature (1989).
- 28.5- Konstant K., Physica C165, 170 (1990).
- 28.6- Konstantinov K, Karvanov S, Physica D Supercond. 165 (2), (1990).
- 28.7- Chin T. S. etal., Supercond. Sci. Technol. 3, 302 (1990).
- 28.8- Lin S. L. Jpn. J. Appl. Phys. 2, L775 (1990).
- 28.9- Wei Gao et al., J. Mater. Res 5, 2633 (1990).
- 28.10- Gama A., Tesis Lic. Física. Fac. Ciencias, UNAM. 1990.
- 28.11- Heiras J. et al., Int. J. Modern Physics B4, 131 (1990).
- 28.12- Konstaninov K., Karvanov S, Souleva A, Kovacheva D. Supercond. Sci. Technol 3, 309 (1990).
- 28.13- Jian S. Phys. St. S. A 119K, 59 (1990)N
- 28.14- Pierre L., J. Appl. Phys. 68, 2296 (1990).
- 28.15-.Salinas Peña L. Tesis Lic. Física. F. Ciencias UNAM. marzo 1991.
- 28.16-.Tomizawa T. J. Sol. St. Ch. 89 212 (1990N).
- 28.17-.Gama A et al., Phys. Rev. B 42, 2161 (1990).
- 28.18-.Wang N L. J. Mat. Sci. L. 10, 214 (1991).
- 28.19-.Castellanos A.G. et al. Ferroelectrics 1991.
- 28.20-.Yuan L.R Jpn. J. Appl. Phys 2, 30, 1545 (1991).
- 28.21-.Narsajah EL. Cryst. Res. T 26 K115 (1991N).
- 28.22-.Tang TB. Mat. Sci. E. B10, 85 (1991).
- 28.23-.Pulyaeva I.V. et al. Sverk. Fiz. Khim. Tekh. 5, No.1, 166 (1992).
- 28.24-.Ren Yuan Lin et al. Supercond. Sci Technol. 5, 482 (1992).
- 28.25-.Fletcher. LS J. Heat Trans. 113, 274 (1991N).
- 28.26-.Liu RY. Supercon. 5, 482 (1992).
- 28.27-.Chavez G. M. tesis de doctorado en Química FQ. UNAM 1994
- 28.28-.Ansar A Qidwai et al. Supercond. Sci. Technol. 6, 803 (1993)
- 28.29-.Jergel Milan, Recent Techniques of Fabricating High Tc Supercon. page 293. Studies of High Temperature Superconductors. ed. A.V. Narlikar, Vol. 5. Nova Science Pub. 1990.
- 28.30-.Chowdhury S.P. et al. J. of Superconductivity 9, 599 (1996).
- 28.31-.Konstantinov K, Kovacheva D, Balchev N et al. J. Mater Scien-Mater EL 3:2 127-131 jun 1992.
- 28.32-.Roul BK. Journal of Superconductivity 14(4), 531 (2001).
- 28.33-.Sengupta S, Corpus JM, ... US Patent 5,863,867, 1999.
- 28.34-.Mikheenko PN, Daali Yu V, Doroshenko NA. UDC 538.945 patent. Donetsk Physico-Technical Institute of Ukrainian Academy of Sciences. 1990.
29. Electron tunneling in the high Tc superconducting ceramic  $\text{Bi}_2\text{Sr}_2\text{Ca}_1\text{Cu}_2\text{O}_{8+d}$ . R. Escudero, F. Morales and E. Guarner. Physica C. 162, 1059 (1989).
- 29.1-.Iguchi I. Physica C 185-189, 241 (1991).
- 29.2-.Jiang M.H. Physica C 183, 39 (1991).
- 29.3-.Kasiviswanathan S. et al. Solid State Commun., 81, 81 (1992).
- 29.4-.Iguchi I. Physica C 178, 1 (1991).

- 29.5.-Hasegawa T, Ikuta H and Kitazawa K. Tunneling Spectroscopy of Oxide Superconductors in Physical Properties of High Temperature Superconductors III. ed. D. M.Ginsberg, (World Scientific Publishing, 1992)66
- 29.6.-Becherer T. Int. J. Mod. Phys., B 7, 123 (1993).
- 29.7.-Poole Charles, Farach Horacio, and Creswick Richard. in "Superconductivity" Academic Press 1995, page 421.
- 29.8-. Baca E. et al. Solid State commun., 102, 425 (1997).
- 29.9.-Wiesendanger Roland "Scanning Probe Microscopy and Spectroscopy". Methods and Applications. Cambridge University Press, 1994.
- 29.10-. Poole Charles, Farach Horacio, and Creswick Richard. in "Superconductivity" Academic Press 2007.
30. Local magnetic fields in the cu sites of  $\text{YBa}_2\text{Cu}_{3-x}\text{Fe}_x\text{O}_y$  detected by mossbauer spectroscopy. R. W Gómez, S. Aburto, V. Marquina, M. L. Marquina, M.Jimenez, C. Quintanar, R. A. Barrio, R. Escudero, D. Rios-Jara, and T. Akachi. Physica C. 162, 989 (1989).
- 30.1-.Marquina V et al.,Hiperfine Interactions 66, 423-428 1991.
31. Non-equilibrium superconducting studies in microbridges. R. Escudero Proc. of the sixth Winter Meeting on Low Temp. Phys. 107, 1985. UNAM, México.
32. Strongly coupled superconducting microbridges. H.J.T. Smith, M. Dion and R. Escudero. Proc. of the Seventh Winter Meeting on Low Temp. Phys.124, 1986. UNAM, México.
33. Evidence of high energy excitations in high Tc superconductors. R. Escudero, T. Akachi, R.A. Barrio and J. Tagüeña Martínez. in Novel Superconductivity. eds. S.A. Wolf and V.Z. Kresin. Plenum Press. p 1011-1016. 1987.
- 33.1- Poole C. P. Jr., Datta T, and Farach H. A. Copper Oxide Superconductors. John Wiley and Sons, 1988.
- 33.2- Nicolsky R., High Temperature Superconductors Vol. 5, 219 World Scientific Pub. Co. 1988.
- 33.3- Andreone A. Nuovo Cim. D 12, 863 (1990) .
34. Método de preparación de cerámicas superconductoras de alta temperatura de transición. F. Estrada, L. Baños, C. Vázquez Y R. Escudero. en VII Congreso Nal. de Física de Superficies e interfaces. Sep. 1987, páginas 11-13. Morelia, Mich. UNAM, México.
35. Estudio de las características estructurales del compuesto  $\text{Y}_1\text{Ba}_2\text{Cu}_{3-x}\text{Fe}_x\text{O}_y$  por difracción de polvos. G. González, D. Rios-Jara y R. Escudero. en VII Congreso Nal. de Física de Superficies e Interfaces. Sep. 1987, páginas 17-19. Morelia, Mich. México.
- 35.1- Lara Velázquez J. A., Tesis de Lic. Física. Fac. de Ciencias UNAM. Oct. 1988.
36. Superconductores cerámicos de alta temperatura. R. Escudero. II Simposio Nal. de Física del Estado Sólido. Cuernavaca, Mor. Vol. 10, No.3, 1987. UNAM, México. invited paper.
- 36.1- Lara Velázquez J. A., Tesis de Lic. Física. Fac. de Ciencias UNAM. Oct. 1988.
37. Estudio de las características estructurales de compuestos superconductores  $\text{YBa}_2\text{Cu}_{3-x}\text{Fe}_x\text{O}_y$ . G. González, D. Rios-Jara, L. Baños, T. Akachi y R. Escudero. II Simposio Nal. de Física del Estado Sólido. Cuernavaca, Mor. Vol. 10, No.3, 1987. UNAM, México.
- 37.1- Lara Velázquez J. A., Tesis de Lic. Física. Fac. de Ciencias UNAM. Oct. 1988.
38. Estudio de la degradación en compuestos superconductores de alta Tc  $\text{GdBa}_2\text{Cu}_3\text{O}_y$ . T. Akachi, R. Escudero, R.A. Barrio, D. Rios-Jara y L. Baños. II Simposio Nal. de Física del Estado Sólido. Cuernavaca, Mor. Vol. 10, No. 3, 1987. UNAM, México.
39. Fabricación de superconductores de alta Tc por aglomeración. E. Guarner, D. Ríos, G. Torres y R. Escudero. en VII Congreso Nal. de Física de Superficies e Interfaces. Morelia, Mich. Sep. 1987. México.

40. On the twin formation in orthorhombic  $\text{YBa}_2\text{Cu}_3\text{O}_y$ . D. Rios-Jara, C. Vera, A. Robledo, A. Huanosta, J.M. Domínguez, J. Omana, T. Akachi and R. Escudero. High Temperature Superconductors. MRS. Vol. 99, eds by M.E. Brodsky, R.C. Dynes, K. Kitazawa and H.L. Tuller. page 233-238. 1988.
- 40.1- Reddi B. V. et al., Solid State comm. 68, 841 (1988).
- 40.2- Varea C. and Robledo A., High Temperature Superconductors Vol. 5, 145 (1988). World Scientific.
- 40.3- Somayazu M S., Mater. Res. B 24, 795 (1989).
- 40.4- Darab J G. Physica C 173, 213 (1991).
- 40.5- Taylor KNR et al. J. Crystal Growth 119, 221 (1992).
41. Magnetic transitions in the high-Tc superconductors. R.A. Barrio, C. Wang, J. Tagüeña Martínez, D. Rios-Jara, T. Akachi and R. Escudero. MRS. Vol. 99 page 801-804. 1988.
- 41.1-. Poole C. P. Jr. et al., "Copper oxide superconductors", John Wiley and Sons, 1988.
- 41.2-. Barrio R. A., High Temperature Superconductors Vol. 5, 206 (1988). World Scientific Publ. Co.
- 41.3-. Navarro O, and Ch Wang. Rev. Mex. Fis. 38, 553 (1992).
- 41.4-. Navarro O, and Wang Ch. Solid State Commun., 83, 473 (1992).
- 41.5-. Wang Ch, and Navarro O. In the Proceeding of the Beijing International Conference. High-Temperature Superconductivity BHTSC-92. eds. ZZ Gan, SS Xie & ZX Zhao. World Scientific 1993.
- 41.6-. Wang CM, et al. in MRS, Pittsburgh, 1992.
42. X-ray study of superconducting  $\text{YBa}_2\text{Cu}_{3-x}\text{Fe}_x\text{O}_y$  compounds. G. González, D. Rios-Jara, T. Akachi, R. Barrio, L. Baños and R. Escudero. MRS. Vol. 99, page 899-902. 1988.
- 42.1- Bridges F. et al., Phys. Rev. B39, 11603 (1989).
- 42.2- Domínguez J. M. et al., Progress in High Tc Superconductors Vol 5, World Scientific Publ. Co., 172 (1988).
- 42.3- Escamilla R. Tesis Lic. en Física Fac. Ciencias UNAM. Nov. 1990.
- 42.4- Lara Velázquez J. A., Tesis de Lic. Física. Fac. de Ciencias UNAM. Oct. 1988.
- 42.5-. Bridges F. J. ORGMET. CH. 377, 235 (1989).
- 42.6-. Gomez R. et al., Modern Phys. Lett. B 3, 1127 (1989).
- 42.7-. Gomez R. et al., Physica C 153, 1557 (1988).
- 42.8-. Rios-Jara D. et al., World Scientific Vol. 9, 445 (1988). Singapore.
- 42.9-. Escudero R. High Temperature Super. Vol. 5, 54 (1988).
43. Ceramics materials and high Tc superconductivity: the 1:2:3 compound. R. Escudero. Progress in High Temperature Superconductivity. page 54-60. Vol. 5 Proceeding of the IX Winter Meeting on Low Temperature Physics. eds. J. Heiras, R.A. Barrio, T. Akachi and J. Taguena. World Scientific Publishing Co. 1988.
- 43.1- Escamilla R., Tesis Lic. en Física, Fac. Ciencias UNAM. Nov. 1990.
- 43.2- Chavira E., Tesis Maestría en Química. Fac. de Química UNAM. marzo de 1989.
- 43.3- Bucio L. Tesis de Lic. en Ing. Física. Universidad Iberoamericana. 1990.
44. The orthorhombic to tetragonal phase transition in the  $\text{Er}_{(1-x)}\text{La}_x\text{Ba}_2\text{Cu}_3\text{O}_y$ . L. Govea, R. Escudero, D. Rios-Jara, C. Pina, C.M. Wang and R.A. Barrio. Vol. 5, page 237-242. World Scientific Publishing Co. 1988.
- 44.1-. Escudero R. High Temperature Super. Vol. 5, 54 (1988).
45. Study of the superconductors ceramics of the type  $\text{Yb}_2\text{Ba}_4\text{Cu}_6\text{O}_y$ ,  $\text{YbGdBa}_4\text{Cu}_6\text{O}_y$  and  $\text{Gd}_2\text{Ba}_4\text{Cu}_6\text{O}_y$ . C. Pina, A. Montoya, P. Bosch and R. Escudero. Vol. 5, page 284-288. World Scientific Publishing Co. 1988.
46. Some remarks on epr studies of Y-Ba-Cu-O compounds. G. Aguilar, H. Murrieta, J. Ramírez, T. Akachi, R.A. Barrio and R. Escudero. Vol. 5, page 264-267. World Scientific Publishing Co. 1988.
47. Evidences of structural changes near  $T_c$  in a  $\text{YBa}_2\text{Cu}_{3-x}\text{Fe}_x\text{O}_y$  superconductor. R. Gómez, S. Aburto, V. Marquina, M.L. Marquina, M. Jiménez, C. Quintanar, T. Akachi, R. Escudero, R.A. Barrio and D. Rios-Jara. Vol. 5, World Scientific Publishing Co. 1988.
- 47.1- Marin F. P. and Iraldi R. Phys. Rev. B39, 4273 (1988).
- 47.2- Mercader R. C. et al., Progress in High Tc Superconductors Vol. 9, 323 (1988).

- 47.3- Hapakoski P. and Bary Malik F. Condensed Matter Theories, 4, 311 (1989).
48. High Tc superconductivity in the Bi-Sr-Ca-Cu-O system. E. Chavira, R. Escudero, D. Rios-Jara and L.M. León. in Progress in High Temperature Superconductivity. Vol. 9, 279-282, Proc. of the I LACHTS. eds. R. Nicolsky, R.A. Barrio, O.F. de Lima and R. Escudero. 1988. World Scientific Publishing Co.
- 48.1- Lara Velázquez J. A., Tesis de Lic. Física. Fac. de Ciencias UNAM. Oct. 1988.
- 48.2- Chavira E. et al., Phys. Rev. B 38, 9272 (1988).
- 48.3- Castellanos, A.G. et al., Ferroelectrics accepted 1991.
- 48.4- Buzea C. et al. Physica C 298, 133 (1998).
49. Analysis of low velocity mossbauer spectra of a  $\text{YBaCu}_{3-x}\text{Fe}_x\text{O}_y$  superconductor as a function of temperature. R. Gómez, S. Aburto, M.L. Marquina, V. Marquina, M.J. Jiménez, C. Quintanar, T. Akachi, R. Escudero, R.A. Barrio and D. Rios-Jara. Vol. 9 page 315-318, 1988. World Scientific Publishing Co.
- 49.1- Mercader R. C. et al., Progress in High Tc superconductors. World Scientific Pub. Co. Vol. 9, 323 (1988).
- 49.2- Marin F. P. and Iraldi R. Phys. Rev. B39, 4273 (1989).
- 49.3- Alkhovry. S IEE Proc-F 136, 57 (1989).
50. Study of the influence of Fe and Zn substituting Cu in  $\text{YBa}_2\text{Cu}_3\text{O}_y$ . D. Rios-Jara, G. González, C. Vázquez and R. Escudero. Vol. 9, page 445-448. 1988. World Scientific Publishing Co.
- 50.1-.Gomez R. et al., Modern Phys. Lett. B 3, 1127 (1989).
51. Electron tunneling in ceramic superconductors. (invited paper) R. Escudero and F. Morales. Vol. 9 page 194-201, 1988. World Scientific Publishing Co.
- 51.1- Barrio R.A. Cogordan J. Taguena J. and Ortega I., High Temperature Superconductors World Scientific 9, 211 (1988).
- 51.2-.Escudero et al., Physica C 166, 15 (1990).
- 51.3-.Escudero. R Vol. 20, 49 World Scientific Publishing Co. 1989.
- 51.3-.Buzea C, and Yamashita T. Physica C: Superconductivity 298, (1-2), 133-139 (1998).
52. Superconductivity in the Bi- Sr- Ca- Cu-O compounds some characteristics. R. Escudero. Vol. 20 page 49-68. World Scientific Publishing Co. 1989.
- 52.1- Gama A., Tesis Lic. Física. Fac. Ciencias, UNAM. 1990.
- 52.2-.Ekino T, and Akimitsu J. in Studies of High Temperature Superconductors. ed by A. Narlikar Vol. 9, 259 (1993).
53. Local magnetic fields in the Cu sites of  $\text{YBa}_2\text{Cu}_{3-x}\text{Fe}_x\text{O}_y$  detected by mossbauer spectroscopy. R. W. Gómez, S. Aburto, V. Marquina, M. L. Marquina, M.Jimenez, C. Quintanar, R. A. Barrio, R. Escudero, D. Rios-Jara, and T. Akachi. Modern Physics Letters B. Vol.3, No 15 (1989) 1127-1133.
- 53.1-.Gomez R. et al., in "High Temperature Superconductors" P. Vincenzini (editor) Elsevier Science Publishers B. V., 1991, page 443-450
- 53.2-.Marquina V. et al. Hyper. Inter. 66, 423 (1991).
- 53.3-.Akachi T, et al. Physica C 301, 315 (1998).
54. Role of oxygen in  $\text{PrBa}_2\text{Cu}_3\text{O}_{7-d}$ : effect on structural and physical properties. M. E. Lopez-Morales, D. Rios-Jara, J. Tagüeña, and R. Escudero. S. La Placa, A. Bezinge, V. Y. Lee, E. M. Engler, and P. M. Grant. Physical Rev. B41, 6655 (1990).
- 54.1- Masashi Yosida et.al. Phys. Rev. B42, 8760 (1990).
- 54.2- Neumeier J. J. Ph. D. Thesis. University of California, San Diego (1990).
- 54.3- Sang I. N., Schrott A.G. and Tsuei C:C, Phys. Rev B to be published
- 54.4- Torrance J.B. & Metzger R.M. Phys. Rev. Lett. 63, 1515 (1989).
- 54.5- Kaiser A.B. & Uher C. Studies of High Temperature Superconductors Vol. 7 ed. A. V. Narlikar, Nova Science Publishers, N. Y. 1990.
- 54.6- Fisher B. et al., Phys. Rev. B (accepted sept. 4 1990.)
- 54.7- Neumeier J. J. Physica C166, 19 (1990).
- 54.8- Yang J. S. Phys. Rev. B 41, 8921 (1990).

- 54.9- Cooke D. W. J. Appl. Phys. 67, 5061 (1990).  
 54.10- Jedrzej C. et al., Physica C192, 1523 (1990).  
 54.11- Grant P.M. Advanced Materials. Vol. 2, No 5, 232 (1990).  
 54.12- Fink J. et al., Phys. Rev. B42, 4823 (1990).  
 54.13- Yang I. S., Phys. Rev. B42, 4240 (1990).  
 54.14- Franck J. P., et al. Phys. Rev. B44, 5318 (1991N).  
 54.15- Horn J., Physica C 170, 343 (1990).  
 54.16- Yoshida M. Phys. Rev. B42, 8760 (1990N).  
 54.17- M.E. Lopez-Morales et al., Physica C 153, 942 (1988).  
 54.18- Lin J. J. J. Appl. Phys. 69 (11), 7723 (1991).  
 54.19- Fisher B, et al., Physica C 176, 75 (1991).  
 54.20- M.E. Lopez-Morales, A. Bezinge, P.M. Grant, D. Rios-Jara. Physica C 162-164, 61 (1989).  
 54.21- Stoneham A M. J. Phys.-Cond. 3, 225 (1991).  
 54.22- Norton D P. Phys. Rev. Lett. 66, 1537 (1991).  
 54.23- Abrashev M.V. Bozukov.L.N. and Iliev, M.N. Physica C 178, 317 (1991).  
 54.24- Ruiz Trejo D. E. Tesis de Químico, F. de Química, UNAM Oct. 1991.  
 54.25- Dawson W K. J. Appl. Phys. 69, 5385 (1991).  
 54.26- Fisher B. Phys. Rev. B 43, 2821 (1991).  
 54.27- Olsson E. Appl. Phys. Lett. 58, 1682 (1991).  
 54.28- Phillips N E. Phys. Rev. B 43, 1488 (1991).  
 54.29- Reyes A P. Phys. Rev. B 43, 2989 (1991).  
 54.30- Yang H D. Phys. Rev B 43, 568 (1991).  
 54.31- Yang H D. and Lin M.W. Phys. Rev B 44, 5384 (1991).  
 54.32- Radousky H.B. Journal of Materials Research. 7, 1917 (1992).  
 54.33- Maclugh D.E. Physica B 171, 245 (1991).  
 54.34- Abrashev MV, Physica C 178, 317 (1991).  
 54.35- Norton DP. Phys. Rev. Lett. 67, 1358 (1991).  
 54.36- Nieva G. Phys. Rev. B44, 6999 (1991).  
 54.37- Lebedev A.S. et al. Sverk.: Fiz. Khim. Tekh. 4, No 12, 2331 (1992).  
 54.38- Jia YX. Physica C 185, 769 (1991).  
 54.39- Boguslavskij, Yu.M et al Physica C194, 268 (1992).  
 54.40- Macko D. Physica C194, 59 (1994).  
 54.41- Orgaz E et al Physica C194, 76 (1992)  
 54.42- Bear J.L, et al. Proce of 1992 TCSUH Workshop on HTC Materials. Houston Tx feb. 27-28, 1992.  
 54.43- Fisher B, et al. Solid State Comm. 82, 35 (1992).  
 54.44- Thouless. MD. Act. Met. Mat. 40, 1287 (1992).  
 54.45- Yang H D, et al. Phys. Rev B 46, 1176 (1992).  
 54.46- Radousky et al. preprint submitted to PRL (1992).  
 54.47- Tomkovicz Z. Supercon. Sci. Technol. 5, 373 (1992).  
 54.48- Lin. JJ. J. Phys. Soc. Japan 61, 4125 (1992).  
 54.49- Halbritter J. Phys. Rev. B 46, 14861 (1992).  
 54.50- Yunhui, Xu and W. Guan Physica C 206, 59 (1993).  
 54.51- Berastegui P, et al. Physica C 204, 147 (1992).  
 54.52- Rosov N, et al. Physica C 204, 171 (1992).  
 54.53- Yang H.D. et al. Physica C 203, 320 (1992).  
 54.54- Muroi M and R. Street Physica C 208, 107 (1993).  
 54.55- Adachi S, et al. Physica C 207, 127 (1993).  
 54.56- Jhans N, et al. Sol. State Commun. 85, 105 (1993).  
 54.57- Hegde MS, et al. J. Sol. S. Chem 102, 306 (1993).  
 54.58- Malik SK, et al. Sol. State Commun. 85, 849 (1993).  
 54.59- Xu YH et al. Physica C 206, 59 (1993).  
 54.60- Kakihani M, et al. Phys. Rev. B 47, 5359 (1993).  
 54.61- Zhu WJ, et al. Physica C 199, 285 (1992).  
 54.62- Enomura A, et al. Jpn. J. appl. Phys. 31, L877 (1992).  
 54.63- Japha Y. Phys. Rev B. 46, 9240 (1992).  
 54.64- Lowema CK, et al. Physica C 201, 233 (1992).

- 54.65.-Yang HD. et al. Chin. J. Phys. 30, 691 (1992).  
 54.66.-Pradhan AK. et al. Solid State Commun. 86, 199 (1993).  
 54.67.-Rosov N. et al. Phys. Rev. B 47, 15256 (1993).  
 54.68.-Ren. Y.T. et al. Physica C 213, 224 (1993).  
 54.69.-Khomskii D. J. of Superconductivity 6, 69 (1993).  
 54.70.-Tarutani Y. et al. Applied Supercond. Int. J. Solid St. Electronics. 1, No. 10-12, 1645 (1993).  
 54.71.-Ohshima T. et al Physica C (1993) to be published.  
 54.72.-Hontsu S. et al Appl. Phys. Lett. 63, 1576 (1993).  
 54.73.-Felner I, et al. Physics C 214, 169 (1993).  
 54.74.-Muroi M. and Street R. Physica C216, 345 (1993).  
 54.75.-Reuvekam EM. J. Alloy. Comm. 195, 643 (1993).  
 54.76.-Li. WH Phys. Rev. B48, 519 (1993).  
 54.77.-Hilscher G. et al. Phys. Rev. B 49, 535 (1994).  
 54.78.-Booth C.H. et al. Phys. Rev. B 49, 3432 (1994).  
 54.79.-Norton D.P. et al. Phys.Rev. B 49, 4182 (1994).  
 54.80.-Kyeong Bock Lee, et al. J. of Materials Sc. 28, 6545 (1993).  
 54.81.-Malik SK. et al. Solid State Commun. 89, 383 (1994).  
 54.82.-Vanderah TA and Lowema CK, J. of Supercond 7, 107 (1994).  
 54.83.-Hartmann A. et al. Solid St. Commun.90, 745 (1994).  
 54.84.-Khomskii Physica B 199-200, 328 (1994).  
 54.85.-Koyanagi et al. Physica B 194-196, 2155 (1994).  
 54.86.-Lin JG, et al. Chinese J. of Phys. 31, 1009 (1993).  
 54.87.-Felner I, et al. Phys. Rev. B 49, 6903 (1994).  
 54.88.-Ohshima T, et al. Physica B 194-196, 2245 (1994).  
 54.89.-Liu HB, et al. Physica C 223, 51 (1994).  
 54.90.-Ko YH, et al. Physica C 224, 357 (1994).  
 54.91.-Hsien HT, et al. Phys. Rev. B 49, 12200 (1994).  
 54.92.-Suzuki Y, et al. Phys. Rev. Lett. 73, 323 (1994).  
 54.93.-Wellstoo FC. J. Appl. Phys. 75, 683 (1994).  
 54.94.-Fisher B, et al. Phys. Rev. B 50, 4118 (1994).  
 54.95.-Hegde M.S. et al. Physica C 229, 239 (1994).  
 54.96.-Muroi M and Street R. Physica C 228, 216 (1994).  
 54.97.-Kaiser AB and Uher C. in "Studies of High Temperature Superconductors", Thermoelectricity of High Temp. Sup. p. 353-392. editor A. Narlikar Vol. 7 1991.  
 54.98.-Melnikov VS, Pan VM and Zhalko-Titarenko. Chap. 9 Oxygen Behavior in 1-2-3 Compounds. Vol. 7 "Studies of High Temperature Superconductors" ed A. Narlikar. 1991.  
 54.99.-Koyanagi Masao, et al. Jpn. J. Appl. Phys. 34, 89 (1995).  
 54.100.-Chen S.O. et al. Physica Stat. Solidi (a) 148, 533 (1995).  
 54.101.-Olsson Eva and Shinde Subhash "Interfacial Interactions Between High-Tc  $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$  Thin Films and Substrates" in Interfaces in High Tc Superconducting Systems. ed. S. L. Shinde and D. A. Rudman. Springer Verlag, 1993.  
 54.102.-Hartmann A, Russell G.J. Solid State Commun. 95, 791 (1995).  
 54.103.-Guanghan Cao, et al. J. Phys. Chem. Solids, 56, 981 (1995).  
 54.104.-Browning V.M. et al J. of Superconduct 8, 605 (1995).  
 54.105.-Gazda M. J. Alloy Com. 212, 270 (1994).  
 54.106.-Moolenaar A. A. Hyper. Inter. 93, 1717 (1994).  
 54.107.-Li W. H. Chin. J. Phys. 33, 41 (1995).  
 54.108.-Lai C. C. Phys. Rev. B 50, 4092 (1994).  
 54.109.-Li P. Phys. St. Solid B, 188, k29 (1995).  
 54.110.-Tsay H. L. Physica C 252, 79 (1995).  
 54.111.-Verhoeven MAJ, et al. Appl. Phys. Lett. 69, 848 (1996).  
 54.112.-Zhang H. et al. Solid State Commun. 97, 149 (1996).  
 54.113.-Muroi M, and Street R. Physica C 253, 205 (1995).  
 54.114.-Ancum van G.K. Electronic Transport of  $\text{PrBa}_2\text{Cu}_3\text{O}_{7-d}$ . Thesis Universiteit Twente Enschede 1995. Chapter 2.

- 54.115-.Ancum van G.K. Electronic Transport of PrBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-d</sub>. Thesis Universiteit Twente Enschede 1995. Chapter 4.
- 54.116.-Lee KB, et al. J. Materials Science 28, 6545 (1993).
- 54.117.-Likodimos V et al. Phys. Rev. B 52, 7682 (1995).
- 54.118.-Liu P, et al. Phys. Stat. Solidi B 188, K29 (1995).
- 54.119.-Cao GH, et al. J. Phys. and Chem. Sol. 56, 981 (1995).
- 54.120.-Chou C.H. et al. Phys.Rev. B 53, 6729 (1996).
- 54.121.-Chen J.C. et al. Phys.Rev B 53, 5839 (1996).
- 54.122.-Park M, et al. Physica C 259, 43 (1996).
- 54.123.-Yamani Z, and Akhavan M. Physica C 268, 78 (1996).
- 54.124.-Verhoeven M.A.J. et al. Appl. Phys. Lett. 69, 848 (1996).
- 54.125.-Lindemer T.M. and Specht E.D, Physica C 268, 271 (1996).
- 54.126.-Browning V.M. et al. Phys. Rev. B 54, 13058 (1996).
- 54.127.-Moolenaar AA et al. Physica C 267, 279 (1996).
- 54.128.-Lamberti V.E. et al. J Mater. Research 11, 1061 (1996).
- 54.129.-Zhang H, et al. J. Phys. Condens Matter 8, 3653 (1996).
- 54.130.-Longmore A, et al. Phys. Rev. B 53, 9382 (1996).
- 54.131.-Yoshida J, et al. Phys. Rev B 53, 8623 (1996).
- 54.132.-Nagano T. et al. Physica C 265, 214 (1996).
- 54.133.-Hartmann A. et al Surf. Int. AN. 24, 657 (1996).
- 54.134.-Lin C.W. et al. Physica C 276, 225 (1997).
- 54.135.-Merz M. et al. Phys. Rev. B 55, 9160 (1997).
- 54.136.-Lamberti VE, et al. Chem. Matter. 9, 932 (1997).
- 54.137.-Berastegui. P. et al. J. Alloy Com. 252, 76 (1997).
- 54.138.-Hiratani M, Tarutani Y, and Takagi K. Physica C 294, 90 (1998).
- 54.139.-Nucker M, Romberg H, Alexander M, and Fink J. Chapter 5 Electronic Structure of High Tc Cuprates Superconductors by Electron Energy-Loss Spectroscopy; in Studies of High Temperature Superconductors. Adv. In Research and Appl. De A Narlikar Vol. 6 Nova Science Publishers 1990. NY.
- 54.140.-Daturi M, Ferretti M, Magnone E et al. Nuovo Cimento D 19, 1111-1116 sep 1997.
- 54.141.-Zhao YG, Xiong SY, Li YP et al. Phys. Rev B 56, 9153-9157 oct 1997.
- 54.142.-Chryssikos GD, Kamitsos EI, et al. Physica C 254, 44-62 nov 1995.
- 54.143.-Miyazaki M, Okabe Y. IEEE T Appl. Supercon 5, 1649-1652 part 2 jun 1995.
- 54.144.-Xiong Y.F. et al. Solid State Commu. 107, 509 (1998).
- 54.145.-Granozio F.M. et al Phys. Rev. B57, 6173 (1998).
- 54.146.-Kao HCI, et al. Physica C 292, 53 (1997).
- 54.147.-Yahya A.K. et al Physica B 252, 237 (1998).
- 54.148.-Skakle J.M.S. et al. Mat. Scien E.R. 23,1, (1998).
- 54.149.-Chen JM, et al. Chem. Phys.letts, 294, 209 (1998).
- 54.150.-Chen JM et al Phys. Rev B59, 3855 (1999).
- 54.151.-Gopalakrishnan IK eta al. Physica C311, 246 (1999).
- 54.152.-Harris VG, et al. J. Appl. Phys. 83, 6783 (1998).
- 54.153.-Chang CN, et al Chinese J. Phys. 37 (1), 98 (1999).
- 54.154.-Tang WH, Gao J, Physica C 315, 66 (1999).
- 54.155.-Muroi M, and Street R, Physica C314, 172 (1999).
- 54.156.-Gerbshtain YM, and Timoshchenko EN. Phys. Solid State 41 (4), 511 (1999).
- 54.157.-Ye JH, Zou ZG, Oka K, et al. J. Alloy Compounds. 288 (1-2), 319 (1999).
- 54.158.-Nishihara Y, Zou Z, et al. B. Mater Sci. 22 (3), 257 (1999).
- 54.159.-Luszczeck M, et al. Physica C 322, 57 (1999).
- 54.160.-Ye J., et al. Mater. Sci. Forum. 315-3, 592 (1999).
- 54.161.-Ata-Allah SS. Phys. Status Solidi A 177, 251 (2000).
- 54.162.-Gasumyants VE, Elizarova MV, and Suryanarayanan R. Phys. Rev B 61, 12404 (2000).
- 54.163.-Luo HM, et al. Phys. Rev B61 (21), 14825 (2000).
- 54.164.-Diaz JA, et al. Solid State Comm. 115(11), 609 (2000).
- 54.165.-Pieper MW, Wiekhorst F, and Wolf T. Phys. Rev B 62 (2), 1392 (2000).
- 54.166.-Diaz JA, et al. Int. J. Mod. Phys B 14: (16) 1651-1657 Jun 30 (2000).
- 54.167.-Wang HY, et al Phys. Rev B 62, 11549 (2000).

- 54.168.-Luo HM, et al. Supercon. Science and Techn. 14 (6), 320 (2001).
- 54.169.-Luszczek M, Physica C355, 15 (2001).
- 54.170.-Lisboa PN, Zanetti SM, et al. Supercond. Sci. Tech 14 (8), 522 (2001).
- 54.171.-Luszczek M, Sadowski W. Crystal Research and Technology. 36 (8-10), 917 (2001).
- 54.172.-Akhavan M., Physica B 321, 265 (2002).
- 54.173.-Ilín KS, Siegel M. J. Appl. Phys. 92 (1): 361 (2002).
- 54.174.-Yahya AK, Abd-Shukor R, Supercond. Sci. Tech. 15, 302 (2002).
- 54.175.-Chen, JM, Liu SJ, Lee, JM, et al. Chem. Phys. Lett. 370 180 (2003).
- 54.176.-Suzuki T, Nakamura T, Kita R. Physica C 392, 956 (2003).
- 54.177.-Luszczek M, and Sadowski W. CENTRAL EUROPEAN JOURNAL OF PHYSICS 1(4), 626 (2003).
- 54.178.-Yan JQ, Zhou JS, Goodenough JB. Phys. Rev. B 69(13), 134409 (2004).
- 54.179.-Matsukawa M, Yamada Yuh, Chiba M, et al. Physica C in press. (2004).
- 54.180.-Matsukawa M, Yamada Yuh, Chiba M, et al. Physica C 411 (3-4), 101 (2004).
- 54.181.-Sonobe T, Yoshida K. Physica C 419, 121-128 (2005).
- 54.182.-Lin JG, Xue YY, Xing DY, et al. Chinese Journal of Physics. 31 (6-11):1009-1014 (1993).
- 54.183.-Troyanchuk IO, Karpinskii DV, Chobot AN, et al. JETP Letters 84 (3): 151-155 (2006).
- 54.184.-Luszczek M. DEFECT AND DIFFUSION FORUM 242-244: 95-105 (2005).
- 54.185.-Mirzaden M, Akhavan M. European Physical Journal. B 43 (3): 305-318 (2005).
- 54.186.-Chroneos A, Goulatis IL, Vovk RV. Acta Chimica Slovenica 54 (1): 179-184 (2007).
- 54.187.-Vovk RV, Obolenskii MA, Zavqorodniy AA, et al. Journal of Material Science: Materials in Electronic 18 (8) , 811 (2007).
- 54.188.-Norton DP, Lowndes DH, Zheng X, et al. Lecture Notes in Physics SpringerBerlin/ Heidelberg. Vol. 389/1991. page 311-319. 2006.
- 54.189.-Sadowski, Wojciech, LuszczekM, and Olchowik J. Proc. SPIE Vol 3724 .- 309-313 International Conf. On Solid State Crystals 98. (1999).
- 54.190.-Li S-L, Li J, Xiang JY, Chu HF, et al. Superconductor Science and Technology 21 (3) 035005 (2008).
- 54.191.-Leighton C, Stauffer DD, Huang Q, et al. Phys. Rev. B 79 (21) 214420 (2009).
- 54.192.-Chang Chih-Hao. Master thesis, 2010. China.
- 54.193.-Luszczek Maciej Physica C, doi.org/10.1016/j.physc.2010.10.006
- 54.194.-Luszczek M. Physica C471 29, (2011).
- 54.195.-Budelmann Dirk. Electronic and Magnetic Properties of pure and Structured cuprate Superconductors. Cuvillier Verlag Gottingen 2004.
- 54.196.-Karpinsky DV, Troyanchuk IO, Chabot GM, et al. Phys. Status Solidi b 247 (2): 411 (2010).
- 54.197.-Wojek BM, Morenzoni E, Eshchenko DG, et al. Phys. Rev. B. 85 (2): 024505 (2012).
- 54.198.-Toshima S, Matsukawa M, Chiba T, et al. arXiv:1202.6363v1. Feb. 2012.
- 54.199.-Marlon VC, Bustamante D. Angel, Leon F Lizbet, et al. Physics Procedia 36, 563-567 (2012).
- 54.200.-Toshima S, Matsukawa M, Chiba T, et al. Physica C. 480, 1-5 (2012).
- 54.201.- Norpeth J, Su D, Inada H, et al. New Journal of Physics. 14, 093009 (2012).
- 54.202.-DJ Gilbert, TS Cale- US patent 8,211,833,2012.
- 54.203.-Toshima S, Matsukawa M, Michiaki C, et al. Physica C. 480,1-5 (2012).
55. Superconducting energy gap of single-crystal  $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$  by electron tunneling. R. Escudero, E. Guarner and F. Morales. Physica C 166, 15 (1990).
- 55.1- Gama A., Tesis Lic. Física. Fac. Ciencias, UNAM. 1990.
- 55.2- Boekholt M. Physica C169, 436 (1990).
- 55.3-.Morales F. Tesis de Maestría (Física). F. de Ciencias, UNAM. marzo de 1991.
- 55.4-.Hasegawa T. et al. Jap. J. Appl. Phys. 30, No 2B L276 (1991).
- 55.5-.Boehkolt M. et al., Physica C175, 127 (1991).
- 55.6-.Kitazawa K. et al. Research Report on Mechanism of Superconductivity I. Science research on priority Areas No. 031. Ministry of Education, Sience and Culture, March 1991, page 287-293, Japan.
- 55.7-.Kallio A. Proc. University of Miami Workshop on Electronic Structure and Mech. for High Temp. Super. (3-9 Jan 1991) Plenum Press, New York, ed. J. Ashkenazi. hkenazi.
- 55.8-.Hirata T. and Asada Y. J. of Superconductivity 4, 171 (1991).
- 55.9-.Kasiviswanathan S. et al. Solid State Commun 81, 81 (1992).

- 55.10.-Hasegawa T, Ikuta H and Kitazawa K. Tunneling Spectroscopy of Oxide Superconductors in Physical Properties of High Temperature Superconductors III. ed. D. M.Ginsberg, (World Scientific Publishing, 1992)66
- 55.11.-Bulyshev Yu S et al. Sverk. : Fiz. Khim. Tekh. 5, No. 3, 542 (1992).
- 55.12.-Takahashi. K Jpn. J. A Phys. 1 31, 231 (1992).
- 55.13.-Buschmann L. et al. Physica C 203, 68 (1992).
- 55.14.-Yamano K. et al. Jpn. J. Appl. Phys. 1 31, 1765 (1992).
- 55.15.-Cuocolo A.M. et al. Phys. Rev. B 49, 1308 (1994).
- 55.16.-Ch. Renner and O. Fisher, Phys. Rev. B 51, 9208 (1995).
- 55.17.-Poole Charles, Farach Horacio, and Creswick Richard. in "Superconductivity" Academic Press 1995, page 421.
- 55.18.-Nepijko S. A. et al, Physica C 288, 173 (1997).
- 55.19.-Matsumoto T, Choopun S, Kawai T. Phys. Rev B 52, 591-602 1995.
- 55.20.- Poole Charles, Farach Horacio, and Creswick Richard. in "Superconductivity" Academic Press 2007.
- 55.21.-Usuki T, Yamano K, Shimaoka K, et al. MRS Proceeding 1992, 275: 705.
- 55.22.-Tsuda N, Nasu K, Fujimori A, Siratori K. Electronic Conduction in Oxides. Second edition. Springer. ISSN 0171-1873. (2000).
56. Superconductivity above 100 K by Pr substitution in the two copper layers Bi-Pb-Sr-Ca-Cu-O system. A. Gama, E. Chavira, and R. Escudero. Phys. Rev. B42, 2161 (1990).
- 56.1.-E. Chavira Tesis de Doctorado F.Q. UNAM Oct. 1991.
- 56.2.-Feng Q.R. Sol. St. Comm. 78, 609 (1991).
- 56.3.-Levoska. J Mat. Sci. E. B. 13, 43 (1992).
- 56.4.-Kim GG. et al Physica C 203, 385 (1992).
- 56.5.-Chavez G. M. tesis de doctorado en Quimica FQ. UNAM 1994
- 56.6.-Chen XF. Phys. Rev. B48, 1254 (1993).
- 56.7.-Egorov, A. I. et al. Superconductivity: Phys., Chem., Tech. 6, 255 (1993).
- 56.8.-Sastry PVPS. J. Mat. Chem. 4, 1077 (1994).
- 56.9.-Mnasri T, Dhahri E, Fourati N et al. Ann. Chim.-Sci Mat. 22, 259-264 1997.
57. Anisotropic Thermoelectric Power of  $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$  Single Crystal. L. M. León and R. Escudero Physica B 165, 1211 (1990).
- 57.1- Grant P.M. Advanced Materials. Vol. 2 No. 5, 232 (1990).
- 57.2.-Morales F. Tesis de Maestría (Física). F. de Ciencias, UNAM. marzo de 1991.
- 57.3.-Weeks D.E. Physica C 176, 368 (1991).
- 57.4.-Lin Shu-Yuan et al. Phys. Rev. B47, 8324 (1993).
- 57.5.-Cabeza O. J. Alloy Com. 195, 623 (1993).
- 57.6.-Sergeenkov S. et al. Phys. Rev. B48, 6680 (1993).
- 57.7.-Cabeza O, et al. in Superconductivity in Spain. 1990-1992 Research Activities page 53. ed. by F.Yndurain. Midas Program. 1993.
- 57.8.-Pekala M. et al. J. Phys.:Condens Matter. 7, 5607 (1995).
- 57.9.-Kiehl W, Duan, H.M, Hermann, A.M. Physica C 253, 271 (1995).
- 57.10.-Fujiwara B. et al. Phys. Rev. B 52, 15598 (1995).
- 57.11.-Huber WM, et al. Appl. Phys. A. 64, 487 (1997).
- 57.12.-Sulkowski C, Plackowski T, Sadowski W. Phys. Rev B 57, 1231-1235 1998.
- 57.13.-Zahner T, Schreiner R, Stiersorfer R et al. Europhysics Lett 40, 673-678 (1997).
- 57.14.-Pekala M, Maka E, Hu D et al. Phys. Rev B 52, 7647-7655 (1995).
- 57.15.-Chen XF, Tessema GX, Skove MJ. Phys. Rev B 48, 13141-13144 (1993).
- 57.16.-Zahner Th, Stierstorfer R, Rossler R, et al. Physica C 298, 91 (1998).
58. Increasing of the Superconducting Transition Temperature by Pr. Substitution in the Bi-Pb-Sr-Ca-Cu-O System. A. Gama, E. Chavira, and R. Escudero. in Ceramic Superconductors Vol. 26, page: 177-186. Progress in High Temperature Physics World Scientific Publishing. Co. 1990.
- 58.1.-E. Chavira Tesis de Doctorado F.Q. UNAM Oct. 1991.

59. Energy gap of  $\text{Ba}_{0.6}\text{K}_{0.4}\text{BiO}_3$  by tunneling spectroscopy. F. Morales, R. Escudero, D. G. Hinks and Y. Zheng. (invited paper ) ICTPS'90. Rio de Janeiro, Brazil. Progress in High Temperature Physics Vol. 25, page 366-372. R. Nicolsky (ed.) World Scientific, Singapore 1990.
- 59.1-Gama A., Tesis Lic. Física. Fac. Ciencias, UNAM. 1990.
- 59.2.-Morales F. Tesis de Maestría (Física). F. de Ciencias, UNAM. marzo de 1991.
- 59.3.-Verdin E. Tesis M en C. "Comportamiento de la Conductancia Diferencial en Juntas Túnel de  $\text{BaKBiO}_3$ . IPN, Julio de 1995.
60. Thermodynamics of the high Tc superconductor  $\text{Ba}_x\text{K}_{1-x}\text{BiO}_3$ . O. Navarro and R. Escudero. In Ceramic Superconductors Vol. 26, page: 131-138. Progress in High Temperature Physics World Scientific Publishing. Co. 1990.
61. Influence of La in the Bi-Sr-Cu-O system. E. Chavira, A. Gama y R. Escudero ICTPS'90. Rio de Janeiro, Brazil. Progress in High Temperature Physics Vol. 25, page 639-644. R. Nicolsky (ed.) World Scientific, Singapore (1990).
- 61.1.-E. Chavira, Tesis de Doctorado. F. Q. UNAM. Oct. 1991
- 61.2.-Sastry. PVPS Physica C 178, 110 (1991).
62. Electron tunneling in superconducting  $\text{Ba}_{0.6}\text{K}_{0.4}\text{BiO}_3$ . F. Morales, R. Escudero, D. G. Hinks and Y. Zheng PHYSICA C 169, 294 (1990).
- 62.1-Gama A., Tesis Lic. Física. Fac. Ciencias, UNAM. 1990.
- 62.2.-Morales F. Tesis de Maestría (Física). F. de Ciencias, UNAM. marzo de 1991.
- 62.3.-Motizuki K. et al. Research Report on Mechanism of Superconductivity II. Science research on priority Areas No. 031. Ministry of Education, Sience and Culture, March 1991, page 481-490, Japan.
- 62.4.-Wei Jin et al. Phys. Rev B45, 5535 (1992).66
- 62.5.-Motizuki K, Shirai M, and Suzuki N. "Electron-Phonon Interaction and Superconductivity in  $\text{BaxK}_{1-x}\text{BiO}_3$ ." in Proc. of the First CINVESTAV Superconducting Symposium. ed. R. Baquero. World Scientific. Co. Singapure. 1991. page 176.
- 62.6.-Hasegawa T, Ikuta H and Kitazawa K. Tunneling Spectroscopy of Oxide Superconductors in Physical Properties of High Temperature Superconductors III. ed. D. M.Ginsberg, (World Scientific Publishing, 1992)66
- 62.7.-Tajima S et al.Phys. Rev B 46, 1232 (1992).
- 62.8.-Gabovich A. M. Sov. J. Low Temp. Phys. 18, 490 (1992).
- 62.9.-Svistunov V.M. et al. Preprint Donetsk Physico-Tech. Inst of Ukrainian Academy of Sci. Donestk 1992.
- 62.10.-Svistunov VM. et al. Usp. Fiz. Nau. 163, 61 (1993).
- 62.11.-Cuocolo AM. et al. Phys. Rev. B. 46, 9250 (1992).
- 62.12.-Belushki AV. Physica C 199, 103 (1992).
- 62.13.-Motizuki K. Physica B188, 816 (1993).
- 62.14.-Svistunov VM et al. Physics-Uspekhi 36(2), 65 (1993).
- 62.15.-Rao KV. Appl. Superc. !, 1763 (1993).
- 62.16.-Samuely P. Phys. Rev. B48, 13904 (1993).
- 62.17.-Suzuki M. J. Phys. JPN. 63, 1449 (1994).
- 62.18.-Prieto P. et al. Physica C 233, 361 (1994).
- 62.19.-Gabovich A.M. Phys. Rev. B 55, 1081 (1997).
- 62.20.-Gabovich A. M, and Voitenko A. J. Phys. Condens. Matter 9, 3901 (1997).
- 62.21.-Verdin E. Tesis M en C. "Comportamiento de la Conductancia Diferencial en Juntas Tunel de  $\text{BaKBiO}_3$ . IPN, Julio de 1995.
- 62.22.-Cuocolo A.M. Physica C 305, 85 (1998).
- 62.23.- Gabovich A.M. and Voitenko A.I Low Temperature Phys. 26 (5), 305 (2000).
- 62.24.-Gabovich AM, Voitenko AI, and Ausloos M. Physics Reports 367 (6), 583 (2002).
- 62.25.-Misra, Sushil K, Andronenko Serguei I, Andronenko Rosa R, et al. Phys. Rev B 53 (14), 9442 (1996).
63. Jahn-Teller effect in the  $\text{Nd}_{2-x}\text{Ce}_x\text{Cu}_{1-y}\text{Fe}_y\text{O}_{4-z}$  superconductor A. Calles, A. Salcido, A. Cabrera, R. Gómez, S. Aburto, V. Marquina, M. L. Marquina, M. Jiménez, R. Escudero , E. Yepez, and J. J. Castro. in "High Temperature Superconductors" P. Vincenzini (editor) Elsevier Science Publishers B. V., page 243-251, (1991).

64. Mossbauer study of the  $\text{Nd}_{2-x}\text{Ce}_x\text{Cu}_{1-y}\text{Fe}_y\text{O}_{4-z}$  and  $\text{La}_{2-x}\text{Sr}_x\text{Cu}_{1-y}\text{Fe}_y\text{O}_{4-z}$  systems. R. Gómez, S. Aburto, V. Marquina, M. L. Marquina, M. Jiménez and R. Escudero. in "High Temperature Superconductors" P. Vincenzini (editor) Elsevier Science Publishers B. V., page 443-450, (1991).
- 64.1.-Calles A. et al., in "High Temperature Superconductors" P. Vincenzini (editor) Elsevier Science Publishers B. V., page 243-251,(1991).
- 64.2.-Gomez R, Marquina V, Arevalo A, Perez JL, et al. Hyperfine Interactions 171 (1-3): 293-303 (2006).
65. The Temperature Energy Gap Evolution Of  $\text{Ba}_{0.6}\text{K}_{0.4}\text{BiO}_3$  by Electron Tunneling. F. Morales, R. Escudero, D. G. Hinks and Y. Zheng. PHYSICA B 169, 705 (1991).
- 65.1.-Morales F.,Tesis de Maestría (Física). F. de Ciencias, UNAM. marzo de 1991.
- 65.2.-Wei Jin et al. Phys. Rev B45, 5535 (1992).66
- 65.3.-Hasegawa T, Ikuta H and Kitazawa K. Tunneling Spectroscopy of Oxide Superconductors in Physical Properties of High Temperature Superconductors III. ed. D. M.Ginsberg, (World Scientific Publishing, 1992)66
- 65.4.-Gantmakher V.F,Klinkova LA, Neminsky AM et al. ZH. EKSP. TEO. 101, 1612 (1992).
- 65.5.-Voitenko AI. Fiz. Niz. Tem. 19, 755 (1993).
- 65.6.-Gabovich A and Voitenko A. Physica C 258, 236 (1996).
- 65.7.-Misra S.K. et al. Phys. Rev.B 53, 9442 (1996).
- 65.8.-Gabovich A. M. Phys. Rev. B 55, 1081 (1997).
- 65.9.-Verdin E. Tesis M en C. "Comportamiento de la Conductancia Diferencial en Juntas Túnel de BaKBiO<sub>3</sub>. IPN, Julio de 1995.
66. Thermodynamic Analysis of  $\text{Ba}_x\text{K}_{1-x}\text{BiO}_3$  Using The Eliashberg Theory. O. Navarro and R. Escudero. PHYSICA C 170, 405 (1990).
- 66.1-Gama A., Tesis Lic. Física. Fac. Ciencias, UNAM. 1990.
- 66.2.-F. Morales et al.,Physica C 169, 294 (1990).
- 66.3.-F. Morales et al., ICTPS'90. Progress in High Temperature Physics Vol. 25, 366 World Scientific, Singapore 1990.
- 66.4.-Wei Jin et al. Phys. Rev B45, 5535 (1992).66
- 66.5.-Navarro O. Physica C 265, 73 (1996).
- 66.6.-E. Chavira., Tesis de Doctorado FQ, UNAM. (1991).
- 66.7.-Wei Jin et al. Condensed Matter Theories, Vol 7, 253 (1992). ed. Plenum Press, New York.
- 66.8.-Navarro O. J.Low Temp. 105, 855 (1996).
- 66.9.-Navarro O and Chavira E. Physica C 282-287, 1825 (1997).
- 66.10.-Navarro O, et al. Rev. Mex. Fis. 45, 81 (1990).
67. Superconductivity in the Bi-Sr-La-Cu-O and Bi-Sr-La-Ca-Cu-O E. Chavira, A. Gama and R. Escudero. in Ceramic Superconductors Vol. 26, page: 187-194. Progress in High Temperature Physics. World Scientific Publishing. Co. (1990).
- 67.1.-E. Chavira, tesis de doctorado, F. de Quimica, UNAM Oct. 1991.
68. Jahn-Teller Calculations For CuO<sub>4</sub> and FeO<sub>4</sub> Clusters in the  $\text{Nd}_{1.85}\text{Ce}_{0.15}\text{Cu}_{0.99}\text{Fe}_{0.01}\text{O}_{4-d}$ . A. Calles, E. Yepez, J. J. Castro, A. Salcido, A. Cabrera, R. Gómez, S. Aburto, V. Marquina, M. L. Marquina, M. Jiménez and R. Escudero. Hyperfine Interactions 66, 423 (1991).
- 68.1.-Yepez E, Calles A, Castro JJ. Applied Mathematics and comp.. 133 (1), 119 (2002).
69. Systematic Mossbauer study of  $\text{YBa}_2\text{Cu}_{2-x}\text{Fe}_x\text{O}_7$  and  $\text{PrBa}_2\text{Cu}_{2-x}\text{Fe}_x\text{O}_7$  as function of temperature. V. Marquina, M.L. Marquina, M. Jiménez, S. Aburto, R. Gómez and R. Escudero. Hyperfine Interactions 66, 429 (1991).
- 69.1.-Lanckbee A. J. Mater. Sci. 29, 5441 (1994).
- 69.2.-Marquina V, Aburto S, Marquina ML, et al. Physica C 235, 1051-1052 part2 dec 1994.
- 69.3.-Gomez R, Marquina V, Arevalo A, et al. Hyperfine Interaction. 171: 293-303 (2006).
70. Optical Study of Domains in  $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8-d}$  Single Crystal. A. G. Castellanos-Guzman, J. Reyes and R. Escudero. Ferroelectrics. 128, 137 (1992).

- 70.1.-Castellanos Guzman AG, Campa J, Reyes J. J. Microscopy-Oxford. 185, 1-8, Part 1, Jan 1997.
- 70.2.-Campa-Molina J, Blanco O, Correa-Gomez A, et al. J of Microscopy 208 (3), 201 (2002).
71. Electron Tunneling in Superconducting Ba-K-Bi-O. A Review. R. Escudero, In Progress in High Temperature Physics. Vol. 31, page 45-54 World Scientific Publishing. Co. (1991).
72. Emisión Optica de Superconductores Eu<sub>1</sub>Ba<sub>2</sub>Cu<sub>3</sub>O<sub>7-x</sub> R. Rodríguez, R. Pérez y R. Escudero. Superficies y Vacío 3, 90 (1991).
73. Mossbauer Study of the La<sub>2-x</sub>Sr<sub>x</sub>Ni<sub>0.99</sub>Fe<sub>0.01</sub>O<sub>4-d</sub> System. S. Aburto, M. Jiménez, M. L. Marquina, V. Marquina, R. Gómez, G. Tavizon, and R. Escudero. Physica C 185-189, 1129 (1991).
74. Structural and Electronic Properties of La<sub>2-x</sub>Sr<sub>x</sub>NiO<sub>4-d</sub>. G. Tavizon, E. Orgaz, and R. Escudero. Physica C 185-189 571 (1991).
- 74.1.-Aburto S. et al. Physica C 185, 1129 (1991).
- 74.2.-Beltran M, et al. Catalysis Letters 15, 199 (1992).
- 74.3.-Jestad Th, et al. Phys. Rev B 59, 3775 (1999).
75. Electron Tunneling in Superconducting Ba-K-Bi-O R. Escudero. in: Advanced Topics in Materials Science and Engineering. edited by J.L. Moran López and J.M. Sánchez. Plenum Press, New York, page 195-206, (1993).
- 75.1.-Gabovich A.M. Phys. Rev B55, 1081 (1997).
- 75.2.-Gabovich AM, Voitenko AI, and Ausloos M. Physics Reports. 367 (6), 583 (2002).
76. Point Contact Characteristics of NbSe<sub>3</sub>-NbSe<sub>3</sub> at Low Temperatures. R. Escudero, A. Briggs, and P. Monceau Physica B 194-196, 1243 (1994).
- 76.1.-Gabovich A.M. Phys. Rev.B 55, 1081 (1997).
- 76.2.-Gabovich A.M. and A.I. Voitenko, Europhys. Lett. 38, 371 (1997).
77. Antiferromagnetic Coupling in the Polynuclear Compound Cu(II) (Allopurinolate ) (OH ). Rodolfo Acevedo-Chavez, María Eugenia Costas, and Roberto Escudero. J. of Solid State Chemistry, 113, 21 (1994).
- 77.1.-Narsimlv N. Sol. State Comm. 100, 687 (1996).
- 77.2.-Acevedo R. et al. Inorg. Chem. 35, 7430 (1996).
- 77.3.-Costas M.E., Ramos E. and Acevedo Ch. R. in Computational Chemistry and Chem. Engineering. (ed) Cisneros G, Cogordan JA, Castro M, and Wang Ch. Proceeding of third UNAM-CRAY Supercomputing Conference. Page 182-191. World Scientific, Singapore 1996.
- 77.4.-Narsimlu N, Kumar KS, Sastry GS. B. Electrochem 14: (11) 337, Nov (1999).
- 77.5.-Acevedo R, Costas ME. Polyhedron 18 (11) 1549 (1999).
- 77.6.-Villegas-Ortega R, et al. J. Mol. Struct-Theochem. 504, 105 (2000).
- 77.7.-Costas ME, Acevedo-Chavez R. J. Mole. Struct-Theochem 543, 243 (2001).
- 77.8.-Mithira S, Natarajan B, Deepa S, et al. Journal of Molecular Structure 839 (1-3): 2-9 (2007).
- 77.9.-Gopal NO, Narasimhulu KV, Rao JL. Journal of Physics and Chemistry odf Solids 63 (2): 295-302 (2002).
- 77.10.-Narsimlu N, Siva Kumar K, Sivarama Sastry G. Ferroelectric 230 (1-4pt 2): 565/263- 570/268. (1999).
78. Structural Transition in a TiNiFe Shape Memory Alloy. M.L. Marquina, M. Jiménez, V. Marquina, S. Aburto, R. Ridaura and R. Gómez. R. Escudero and D. Ríos. Materials Characterization 32, 189 (1994).
- 78.1.-Liu FS, Ding Z, Li Y, et al. Intermetallics 13 (3-4): 357-360 (2005).
- 78.2.-Ding Z, Liu F.-S, Li Y, Xu H.-B. Hangkong Xuebao/Acta Aeronautica et Astronautica Sinica 25 (6), 611-614 (2004).
- 78.3.-Xiao L, Liu F.\_S, Xu H.\_B. Transactions of Nonferrous Metals Society of China (english Edition) 16 (suppl.2) 100-103 (2006).
- 78.4.-Jinq R.-R, Liu F.-S. Chinese Journal of Aeronautics 20 (2): 153-156 (2007).

79. Electrocristallizing C<sub>60</sub>: Synthesis, Single Crystal X-ray Structure and Magnetic (ESR, SQUID) Characterization of [(C<sub>6</sub>H<sub>5</sub>)<sub>4</sub>P]<sub>2</sub>[C<sub>60</sub>][I]<sub>0.35</sub>. Alain Penicaud, Aaron Pérez Benítez, R. Gleason V. E. Muñoz P. and R. Escudero. J. Am. Chem. Soc. 115, 10392 (1993).
- 79.1.-Kobayashi H, et al. J. Am. Chem. Soc. 116, 3153 (1994).
- 79.2.-Paul Parimal, et al. J. Am. Chem. Soc. 116, 4145 (1994).
- 79.3.-Penicaud A. Academia Mex. Quim. Inorg. Oct. 7, 67 (1994).
- 79.4.-Ryan MD. Analyt. Chem. 66, R360 (1994).
- 79.5.-Martin C Michel et al. in "Fullerenes: Recent Advances in The Chemistry and Physics of Fullerenes and Related Materials" page 608. (ed) K.M. Kadish and R.S. Ruoff. Proceeding of the Symposium on: Vol. 94-24. Electrochemical Soc. In. 1994.
- 79.6.-Balch AL. et al page 1231 in "Fullerenes: Recent Advances in The Chemistry and Physics of Fullerenes and Related Materials" (ed) K.M. Kadish and R.S. Ruoff. Proceeding of the Symposium on: Vol. 94-24. Electrochemical Soc. In. 1994.
- 79.7.-Selegue JP et al. in "Fullerenes: Recent Advances in The Chemistry and Physics of Fullerenes and Related Materials" page 1245. (ed) K.M. Kadish and R.S. Ruoff. Proceeding of the Symposium on: Vol. 94-24. Electrochemical Soc. In. 1994.
- 79.8.-Peter D. W. Boyd, et al. J. Am. Chem. Soc. 117, 2907 (1995).
- 79.9.-Uta Bilow, M. Jansen. Z. Anorg. Allg. Chem. 621, 982 (1995).
- 79.10.-Gotschy. B, et al. Solid State Commun. 92, 935 (1994).
- 79.11.-Koller D. et al. Appl. Phys. Lett. 66, 1015 (1995).
- 79.12.-Penicaud A. Educación Química. 6, 36 (1995).
- 79.13.-Gotschy. B. Fullerene Science and Techn. 4, 677-698 (1996).
- 79.14.-LLaca Y. L. Synth. Metal 70, 1453 (1995).
- 79.15.-Zhang B. Synth. Metal, 70, 1483 (1995).
- 79.16.-Ahmed S. Z. et al Acta Cryst. C Cryst Str. Comm. 52, 1634 (1996).
- 79.17.-Schutz W. et al. Chem. Commun 13 or 15, 1571 (1996).
- 79.18.-Sernkin V. N. et al. Chem. Phys. Lett 256, 616 (1996).
- 79.19.-Shulga Y.M. et al. Doklady Akad. Nauk. 348, 502 (1996).
- 79.20.-Yang CC Hwang K.C. J. Amer. Chem Soc. 118, 4693 (1996).
- 79.21.-Eaton S.S. et al J. Phys. Chem. 100, 6910 (1996).
- 79.22.-Gotschy B. et al. Mol. Cryst A271, 51 (1995).
- 79.23.-Gotschy B. et al. Synth. Met. 77, 287 (1996).
- 79.24.-Uriels B.S. et al. Chim. FR 133, 783 (1996).
- 79.25.-Boulas P.L, and Echegoyen L. Interface, The Electrochemical Soc. 6, No.1, 36 (1997).
- 79.26.-Douthwai R.E. et al. J. Mater. Chem. 6, 1913 (1996).
- 79.27.-Klos H. et al. in "Progress in Fullerene Research" ed. Kuzmany, Fink, Mehring, and Roth. World Scientific 1994. p. 297.
- 79.28.-Komarev D.V. et al Synthetic Metals 88, 225 (1997).
- 79.29.-Taylor R. in the Chemistry of fullerenes, chap. 11, p. 195. ed. by R. Taylor "Advanced Series in FULLERENES", World Scientific publishing Co. 1995.
- 79.30.-Khairullin II et al, Chem. Phys. lett. 275, 1 (1997).
- 79.31.-Fassler T F. Angew. Chem. 36, 456 (1997).
- 79.32.-Graja A, et al. J. Mol. Struct. 404, 147 (1997).
- 79.33.-Kueder V V. et al. Chem. Phys. 216, 407 (1997).
- 79.34.-Azamar B. J. A. et al J. Chem. Soc., Faraday Trans., 93, (17), 3119 (1997)
- 79.35.- Shul'ga YM, Shul'ga NY, Graja A. Solid State Commun 105, 491 feb 1998.
- 79.36.-Konarev DV, Zubavichus YV, et al. Synthetic Met. 92, 1-6 jan 1998.
- 79.37.-Gritsenko V, Dyachenko OA, et al. Russ Chem B 46 (11) 1878-1882 nov 1998.
- 79.38.-Himmel K, Jansen M. Z. Anorg Allg Chem 624, 1-3 jan 1998.
- 79.39.-Sauvajol JL, Graja A, Firlej L, et al. J. Mol Struct 437, 19-23 Sp Iss Si Dec 1998.
- 79.40.-Lloyd MA, Brock CP. Acta Crystallogr B 53, 780-786 part 5 Oct 1997.
- 79.41.-Graja A. Fullerene Sci Techn 5, 1219-1242 1997.
- 79.42.-Narymbetov BZ, Khasanov SS, Zorina LV, et al. Crystallogr Repor 42, 783-789 sep-oct 1997.
- 79.43.-Eaton SS, Eaton GR. Appl. Magn Reson 11, 155-170 1996.
- 79.44.-Gotschy B, Volk G. Appl. Magn Reson 11 229-238 1996.
- 79.45.-Boulas PL, Subramanian R, Jones MT et al. 11, 239-251 (1996).

- 79.46.-Slovokhotov YL, Moskaleva IV, et al. Mol Cryst Liq Crys C 8, 117-124 (1996).  
 79.47.-Volkel G, Poppl A, Simon J et al. Phys.Rev B 52, 10188-10193 (1995).  
 79.48.-Wan WC, Liu XH, Sweeney GM et al. J. Am. Chem. Soc. 117, 9580-9581 (1995).  
 79.49.-Ruoff RS, Kadish KM, Boulas P et al. J. Phys Chem-US 99, 8843-8850 may (1995).  
 79.50.-Moriyama H, Kobayashi H, et al. Chem Phys Lett 238, 116-121 (1995).  
 79.51.-Moriyama H, et al. Synth. Metal 94, 167 (1998).  
 79.52.-Boulas PL, et al. Angew Chem 37, 216 (1998).  
 79.53.-Penicaud A. Fullerene Sci. And Technology, 6(5), 731 (1998).  
 79.54.-Himmel K. et al. Inorg. Chem. 37, 3437 (1998).  
 79.55.-Komarev D. V. et al. J. Chem. R-S 442, (1997).  
 79.56.-Suo ZY, et al. J. Chem Soc-Dalton Trans. 22, 3875 (1998).  
 79.57.-Long VC, et al. Phys. Rev B 58, 14338 (1998).  
 79.58.-Graja A, and Farges JP. Adv. Matt. Optics & Elect. 8(5), 215 (1998).  
 79.59.-Kaplunov MG, et al. Molecular Cryst. And Liq. Cryst. Sci. & Tech. Sec.C Molecular Mat 10, (1-4) 47 (1998).  
 79.60.-Batail P, et al. Chem. Mater. 10, 3005 (1998).  
 79.61.-Scudder M, Dance I. J.CHEM. SOC Dalton Trans. 19, 3155 (1998).  
 79.62.-Komarev DV, et al. J. Molecular Structure 450, 11 (1998).  
 79.63.-Himmel K, Jansen M. EUR. J. Inorg. Chem. (8), 1183 (1998).  
 79.64.-Solodovnik SP, et al. Russ. Chem. B47, 648 (1998).  
 79.65.-Konarev DV, and Lyubovskaya RN USPEKHI KHIMII 68, (1) 23 (1999).  
 79.66.-Narymbetov BZ, et al., Crystallogr. Rep. 44 (2), 223 (1999).  
 79.67.-Dyachenko OA, and Graja A, Fullerene Sci Techno. 7: (3), 317 (1999).  
 79.68.-Polomska M, Sauvajol JL, Graja A, et al. Solid State Commu. 111 (2), 107 (1999).  
 79.69.-Long VC, et al. Synthetic Met. 103 (1-3), 2435 (1999).  
 79.70.-Llacay J, et al. Synthetic Met. 102 (1-3), 1488 (1999).  
 79.71.-Graja A, et al. Synthetic Metals 106 (1), 29 (1999).  
 79.72.-Kaplunov MG, et al. Russian Chem. Bull. 48 (4), 781 (1999).  
 79.73.-Winkler K et al. Polish Journal of Chemistry 74 (1), 1 (2000).  
 79.74.-Reed CA, Bolksar RD. Chem. Rev. 100: (3) 1075 (2000).  
 79.75.-Launois O, Moret R. J. Phys. IV 10: (P3) 193 (2000).  
 79.76.-Launois P, et al. Eur. Phys. J. B 15 (3), 445 (2000).  
 79.77.-Bietsch W, et al. Chem. Phys. Lett. 324 (1-3), 37 (2000).  
 79.78.-Azamar J.A. Munoz E, and Penicaud A. J. Chem. Soc. Faraday Trans. 1997, 93(17), 3119-3123.  
 79.79.-Graja A, Lipiec R, Polaamska M. J. Mol. Struct. 555, 131 (2000).  
 79.80.-Perez Benites A, Rovira C, Veciana J, Vidal GJ., Synthetic Met. 121 (1-3), 1125 (2001).  
 79.81.-Kveder W, Shteinman EA, et al JETP Letters 74, 422 (2001).  
 79.82.-Ishii T, Kanehama R, et al. J. Chem. Soc. Dalton (20): 2975 (2001).  
 79.83.-Ishii T, Aizawa N, Kanehama R, et al. Coord.. Chem. Rev 226, 113 (2002).  
 79.84.-Pilz K, Jobst A, Lam E, et al. Z. Kristallogr 217, 78 (2002).  
 79.85.-Balch AL. Chap 4, p. 177-223, in Fullerenes, Chemistry, Physics and Technology KM Kadish and RS Rufo Wiley-Interscience 2000.  
 79.86.-Schilder A, Bietsch W, Schowere M. New Journal of Phys. 1 (5), 1 (1999).  
 79.87.-Kato T. ADV. QUANTUM CHEM 44, 313 (2003).  
 79.88.-Titova SN, Domrachev GA, Khorshev SV, et al. Phys. of Solid State 46(7), 1365 (2004).  
 79.89.-Neretin IS, Slovokhotov YL. Uspekhi Khimii 73 (5), 492 (2004).  
 79.90.-Mariyatra MB, Kalyanasundari B, et al. Acta Crystallographica Seccion E-Structure Report online 59:0255 part 2 Feb (2003).  
 79.91.-Sun BY, Luo HX, Shi ZJ, et al. Electrochemistry Comm 4(1), 47 (2002).  
 79.92.-Pigos JM, Musfeldt JL. The Chemical Educator Vol. 3(3), 1 (1998).  
 79.93.-Long VC, Schundler EC, Adams GB, et al. Phys. Rev B. 75 (12): 125402 (2007).  
 79.94.-Kupser P, Steill JD, Oomens J, et al. Physical Chemistry Chemical Physics 10 (45): 6862-6866 (2008).  
 79.95.-Schultz-Dobrick M, Jansen M. Angewandte Chemie-Internationa Edition. 47 (12): 2256-2259 (2008).  
 79.96.-Konarev DV, Khasanov SS, Lyubovskaya RN. Rusian Chemical Bulletin 56 (3), 371-392 (2007).  
 79.97.-Konarev DV, Khasanov SS, Otsuka A, et al. Crystengcomm 11 (5): 811-816 (2009).  
 79.98.-Nishio M, Umezawa Y, Honda K, et al. CRYSTENGCOMM 11 (9): 1757-1788 (2009).

- 79.99-.Zhu L, Agarwal A, Lai J, et al. *Journal of Material Chemistry* 21 (17):6258-6268 (2011).
- 79.100-.Yoshida J, Fuchiwaki J, Nishikiori SI. *Crystengcomm.* 13 (14): 4635 (2011).
- 79.101-.Perez Benitez A, Mendez Rojas MA, Bernes S, et al. *Chemical Education Journal.* 11 (2). No. 11-8. (2008).
- 79.102-.Nishio M, Umezawa Y, Suezawa H, et al. in *The CH/pi Hydrogen Bond: Implication in Crystal Eng.* By E. RT Tieckink, el al. Wiley March 2012.
- 79.103-. Fourmigue Marc. In *Pi Interactions in Crystal Eng.* By E. RT Tieckink, el al. March 2012.
- 79.104-.Konarev DV, Lyuboskaya RN. *Russian Chemical Reviews* 81 (4): 336-366 (2012).
80. Fluorescence Study of Eu-Ba-Cu-O type compounds C. Flores, J. García, M.J. Hernandez, Bokhimi, H. Murrieta, and R. Escudero. *Journal of Luminescence.* 59, No.4, 257 (1994).
- 80.1-.Cruz GH, et al. *J. Appl. Phys.* 89(4), 2194 (2001).
- 80.2-.Dai DC, et al. *IEEE Photonic Tech L.* 12 (8), 1034 (2000).
81. Electron Tunneling in Oxide Superconductors. R. Escudero, E. Verdín, and F. Morales. *J. of Superconductivity.* 7, 381 (1994).
- 81.1-.Dayan Moshe, *Journal of Superconductivity* 11, No. 4, 417 (1998).
- 81.2-.Dayan M, *Journal of Superconductivity* 17 (4), 487 (2004).
- 81.3-. Dayan M, *Journal of Superconductivity* 17 (6), 739-747 (2004).
- 81.4-.Dayan M-.*Models and Methods of High Tc...* Nova Science Pub. Inc. 2003.
82. Temperature Dependence of the Antiferromagnetic State in  $URu_2Si_2$  by Point Contact Spectroscopy. R. Escudero, F. Morales, and P. Lejay *Phys. Rev. B* 49, 15271 (1994).
- 82.1-.Yu. G. Naidyuk, et al. *Low Temp. Phys.* 21, 236 (1995).
- 82.2-.Gabovich AM, and Voitenko AI. *Phys. Rev. B* 52, 7437 (1995).
- 82.3-.Yu. G. Naidyuk et al. *Physica B* 218, 157 (1996).
- 82.4-.Lohneysen Hilbert V. *Physica B* 218, 148 (1996).
- 82.5-.Voitenko A.I. et al. *Phys. Solid State* 38, 613 (1996).
- 82.6-.Rodrigo J.G. et al. *Phys. Rev B* 55, 14318 (1997).
- 82.7-.Gabovich A.M. *Phys. Letts. A* 223, 221 (1996).
- 82.8-.Kohnen T. *Rev. Scientif. Instr.* 67, 4304 (1996).
- 82.9-.Kuwahara K, Amitsuka H, Sakakibara T, et al. *J. Phys. Soc. Jpn* 66, 3251-3258 1997.
- 82.10-.Naidyuk YG, Kvintnitskaya OE, Nowack A et al. *Fiz Nizk Temp.* 21, 310-315 (1995).
- 82.11-.Gabovich A.M. *Phys. Rev B* 56, 7785 (1997).
- 82.12-.Naidyuk Yu G., and Yanson IK. *J. Phys. Condensed Matter* 10, 8905 (1998).
- 82.13-.Voitenko AI, et al. *Phys. Sol. St* 40, 351 (1998).
- 82.15-.Pandley RK, Singh SP, and Singh P, *J. Supercond.*, 12 (2), 441 (1999).
- 82.16-.Gabovich A.M. and Voitenko A.I. *Physica C* 318, 486 (1999).
- 82.17-.Voitenko AI, and Gabovich AM. *Phys. Solid State* 41, 1598 (1999).
- 82.18-.Gabovich AM, and Voitenko AI. *Phys. Rev B* 60, 14897 (1999).
- 82.19-. Gabovich A.M. and Voitenko A.I. *Physica C* 329, 198 (2000).
- 82.20-. Gabovich A.M. and Voitenko A.I *Low Temperature Phys.* 26 (5), 305 (2000).
- 82.21-. Gabovich A.M. et al., *Supercond Sci. Technol.* 14, R1 (2001).
- 82.22-.Naidyuk Yu G, et al. *Low Temp. Phys.* 27 (6), 493 (2001).
- 82.23-.Gabovich AM, Voitenko AI, and Ausloos M. *Physics Reports.* 367(6), 583 (2002).
- 82.24-.Naidyuk Yu G, Kvintnitskaya OE, Jansen AGM, et al. *J. Low temp Phys.* 27 (6), 668 (2001).
- 82.25-.Ekino T, Umeda H, Fukuda H, Janssen Y, Fujii H. *Journal of the Magnetic Society of Japan.* 23 (1-2) 111-113 (1999).
- 82.26-.Naidyuk YG, Yanson IK. In *Point Contact Spectroscopy. Solid State Sciences.* Vol. 145, Springer 2005.
- 82.27-.Gonnelli RS, Daghero D, Tortello M, et al. *Phys. Rev. B.* 79, 184526 (2009).
- 82.28-.Santander-Syro A.F. Klein M, Boariu FL, et al. Arxiv preprint: 0903.3755, 2009.
- 82.29-.Effenberger G, Ilyenko S. Springer Berlin Heidelberg Vol. 11C4. doi 10.1007/978-3-540-48478-3. 2007.
- 82.30-.Rao GVS, Ocadlik S, Reedyk M. et al. *Phys. Rev. B.* 80 (6): 064512 (2009).
- 82.31-.Santander-Syro AF, Klein M, et al. *Nature Physics* 5 (9): 637 (2009).
- 82.32-.Tran VH, Batkova M, Batko I, et al. *Phys. Status Solidi B* 247 No.3, 628-630 (2010).

- 82.33.-Ummarino GA. Advances in Condensed Matter Physics. 2010, art. ID 167985. DOI: 10.1155/2010/167985.
- 82.34.-Effenberg G, Ilyenko S. (ed.) SpringerMaterials DOI: 10.1007/978-3-540-48478-3\_50
- 82.35.-Schmidt A. R. Hamidian M. H. , et al. Nature. 465, 7298 June 3, 570 (2010).
- 82.36.-Oppeneer PM, Rusz J, Elgazzar S, et al. arXiv:1007.3453v1, 20 Jul 2010.
- 82.37.-Yoshida R, Nakamura Y Fukui M, et al. Phys. Rev. B. 82 (20): 205108 (2010).
- 82.38.- Oppeneer PM, Rusz J, Elgazzar S, et al. Phys. Rev. B 82 (20): 205103 (2010).
- 82.39.-Ummarino GA, Daghero D, Tortello M, et al. J. Supercond Nov Magn. 24 (5) 247 (2011). DOI 10.1007/s10948-010-1006-3
- 82.40.-Yuan Ting, Figgis J, Morr DK. arXiv:1101.2636v1. Jan 2011.
- 82.41.-Haraldasen JT, Dubi Y, Curro NJ, Balasky AV. arXiv: 1104.2931, 2011
- 82.42.- Oppeneer PM, Rusz J, Elgazzar S, et al. Physical Rev. B 82 (20) 205103 (2010).
- 82.43.-Kawasaki I, Fujimori S-I, Takeda Y, et al. Phys. Rev. B. 83, 235121 (2011).
- 82.44.-Haraldsen JT, Dubi Y, Curro NJ, et al. arXiv:1104.2931v2. 18 Jun 2011.
- 82.45.-Mydosh JA, Oppeneer PM. arXiv:11070258v1. (2011).
- 82.46.-Haraldasen JT, Dubi Y, Curro NJ, et al. arXiv:1104.2931v2. 8 Sept 2011.
- 82.47.-Park WK, Tobash PH, Ronning F, et al. arXiv: 1110.5541v1 (2011).
- 82.48.-Mydosh JA, Oppeneer PM. Reviews of Modern Physics. 83(4): doi: 10.1103/RevModPhys.83.1301 (2011).
- 82.49.- Haraldasen JT, Dubi Y, Curro NJ, et al. Phys. Rev. B. 84 (21): 214410 (2011).
- 82.50.-Xin Lu, Ronning PH, Tobash K, Gofryk ED, et al. arXiv: 1112.5669. 2011.
- 82.51.-Park WK, Tobash PH, et al. Phy. Rev. Lett. 108(24): 246403. 2012.
- 82.52.-Lu Xin, Ronning F, et al. Phys. Rev. B 85 (2):020402 (2012).
- 82.53.-Yuan Ting, Figgins J, Morr DK. Phys, Rev. B. 86, 035129 (2012).
83. The Antiferromagnetic State in The Heavy Fermion Superconductor URu<sub>2</sub>Si<sub>2</sub>. F. Morales, R. Escudero, and P. Lejay in: New Trends in Magnetism, Magnetic Materials, and Their Applications. ed. by J.L. Moran-Lopez and J.M. Sánchez. 337-345, Plenum. 1994.
- 83.1.-Gabovich A.M. Phys. Rev. B 55, 1081 (1997).
84. About the Ionic State of Iron in the Cu Sites of Nd<sub>2-x</sub>Ce<sub>x</sub>Cu<sub>1-y</sub>Fe<sub>y</sub>O<sub>d</sub> Superconductor. R. Gómez, V. Marquina, S. Aburto, ML. Marquina, M. Jiménez, R. Ridaura, R. Escudero, T. Akachi, F. Morales, R. Escamilla. Physica C 235-240 1045 (1994).
85. Mossbauer Studies on Magnetic and Electrical Properties of La<sub>1.85</sub>Sr<sub>0.15</sub>Cu<sub>0.99</sub>Fe<sub>0.01</sub>O<sub>4-d</sub>. V. Marquina, S. Aburto, ML. Marquina, R. Gómez, M. Jiménez, R. Ridaura, R. Escudero, F. Morales. Physica C 235-240, 1611 (1994).
86. Microscopía de Polarización en Reflexión de la Estructura de Dominios de Bi<sub>2</sub>Sr<sub>2</sub>CaCu<sub>2</sub>O<sub>8-d</sub>. AG. Castellanos-Guzman, J. Reyes Gómez, and R. Escudero. Rev. Mex. Fis. 40, No.5, 761 (1994).
87. Electric Transport Properties of the B2 to R Phase Transition in TiNiFe Alloy. A. Canales, F. Morales, R. Escudero, and D. Rios-Jara. Journal de Physique IV, colloque C2, supplement au J. de Physique III, Vol. 5, C2-99 - C2-103. Doi: 10.1051/jp4:1995215. (1995).
- 87.1.-Choi MS, Ogawa J, Fukuda T. Material Science and Engineering A. V.438-440: 527- 530 (2006).
- 87.2.- Lemansky JL. Thesis. Department of mechanical, Materials and Aerospace Engineering in. College of Emgineering . University of Cetral Florida, Orlando, Florida. 2005.
88. Point Contact Spectroscopy on the Ferromagnetic Superconductor HoMo<sub>6</sub>S<sub>8</sub>. F. Morales, R. Escudero, A. Briggs, P. Monceau, R. Horyn, F. Le Berre, and O. Peña, Physica B 218, 193 (1996).
- 88.1.-Goslawska E, and Matlak M. J of Magnetism and Magnetic Materials 187, 51 (1998).
- 88.2.-Goslawska E, and Matlak M. Phys. Stat Sol. (b) 207, 469 (1998).
- 88.3.-Matlak M, and Pietruszka M. Physica C 311, 151 (1999).
- 88.4.-Goslawska E, and Matlak M. Phys. Stat Sol. (b) 216 (2), 1057 (1999).

89. Single Crystal Synthesis of  $[(C_6H_5)_4P]_2[C70][I]$  by Electrocristallization and Experimental Determination of the g-Value Anisotropy of C70 and C60 at 4.2 K. A. Penicaud, A.Perez-Benitez R. Escudero, and C. Coulon. Solid State Commun. 96, No. 3, 147 (1995).
- 89.1-.Schutz W. et al. Chem. Commun. 15, 1571 (1996).
- 89.2-.Boulas P.L, and Echegoyen L. Interface, The Electrochemical Soc. 6, No.1, 36 (1997).
- 89.3-.Semkin V.N. et al. Synthetic Metals 93, 207 (1998).
- 89.4-.Boulas PL, et al. Angew Chem. 37, 216 (1998).
- 89.5-.Penicaud A. Fullerene Sci. And Technology, 6(5), 731 (1998).
- 89.6-.Konarev DV, and Lyubovskaya RN USPEKHI KHIMII 68, (1) 23 (1999).
- 89.7-.Narymbetov BZ, et al. Crystallogr. Rep. 44 (2), 223 (1999).
- 89.8-.Graja A, et al. Chem. Phys. Lett 313, 725 (1999).
- 89.9-.Winkler K et al. Polish Journal of Chemistry 74 (1), 1 (2000).
- 89.10-.Steinman EA, et al. Chem. Phys. Lett 319 (1-2), 1 (2000).
- 89.11-.Reed CA, Bolkskar RD. Chem. Rev. 100: (3), 1075 (2000).
- 89.12-.Launois P, et al. Eur. Phys. J. B 15 (3), 445 (2000).
- 89.13-.Azamar J. A. et al. Electronic Properties of Novel materials. XII Int. Winterschool. edited H. Kuzmany et al., 245, The American Institute of Physics 1998.
- 89.14-.Konarev DV, Khasanov SS, Vorontsov II, et al. Chem. Commun (21): 2548 (2002).
- 89.15-.Yoshida Y, Otsuka A, Konarev DV, et al. Synthetic Met. 133-134, 703 (2003).
- 89.16-.Konarev DV, Khasanov SS, et al. CHEM. EUR. J. 9 (16), 3837 (2003).
- 89.17-.Ocafain M, Herranz MA, Marx L, et al. Chem. Eur. J. 9 (19), 4811 (2003).
- 89.18-.Schilder A, Bietsch W, Schowere M. New Journal of Phys. 1 (5), 1 (1999).
- 89.19-.Konarev DV, Kovalevsky AY, Khasanov SS, et al. European Journal of Inorganic Chemistry (9): 1881-1895 (2006).
- 89.20-.Konarev DV, Khasanov SS, Lyubovskaya RN. Russian Chemical Bull. 56 (3): 371-392 (2007).
- 89.21-.Konarev DV, Khasanov SS, Simonov SV, et al. CRYSTENGCOMM 12, 11 3542 (2010).
- 89.22-.Krinichnyi VI, Yudanova EI, et al. J. of Physical Chemistry C, 116(16): 9189-9195 (2012).
- 89.23-. Konarev DV, Lyuboskaya RN. Russian Chemical Reviews 81 (4): 336-366 (2012).
90. Low Temperature Magnetic Behaviour of Ni-Fe-Al-B Shape Memory Alloys: Magnetic Susceptibility and Mossbauer Spectra. V. Marquina, M. Jiménez, S. Aburto, R. Gómez, D. Rios-Jara, and R. Escudero. in Materials for Smart Sysystems eds. E.P. George, et al. 1994 MRS Fall Meeting. MRS 360, 281 (1995).
91. Evolution of the R Phase Transformation Temperature of  $Ti_{50}Ni_{50-x}Fe_x$  Shape Memory Alloys. M.L. Marquina, R. Ridaura, R. Gómez, D. Rios-Jara, and R. Escudero. in Materials for Smart Systems eds. E.P. George, et al. 1994 MRS Fall Meeting. MRS 360, 489 (1995).
92. The Exponent Gamma in the Photoconductivity of C60 Films. D. Mendoza and R. Escudero. Solid State Comm. 100, 507 (1996).
- 92.1-.Wishah KA, Abdul-Gader MM. Appl Phys A-Mater. 66, 229-234 feb 1998.
- 92.2-.Balberg I, Naidis R, and San G, Fullerene Sci. And Techn. 6(1), 39 (1998).
- 92.3-.Makarova TL, Semiconductors. 35 (3), 243 (2001).
- 92.4-.Mendoza D, Morales F, and Escudero R., Jpn. J. Appl. Phys. 1, 36: (4A) 2176 (1997).
- 92.5-.Balberg I, Naidis R, Lee MK, et al. Appl. Phys. Lett 79 (2), 197 (2001).
- 92.6-.Jafar MMAG, Nigmatullin RR. Thin Solid Films 396, 280 (2001).
- 92.7-.Katz EA, Faiman D, Iakoubovskii K, et al. J. Appl. Phys. 93 (6), 3401 (2003).
93. Allopurinol and Hypoxanthine Cu(II) Compounds. Spectral and Magnetic Studies of Novel Dinuclear Coordination Compounds with Bridging Hypoxanthine. R. Acevedo-Chavez, M. E. Costas, and R. Escudero. Inorganic Chem. 35, 7430 (1996).
- 93.1-. Costas M.E. and Acevedo-Chavez R. J. Physical Chem. A 101, 8309 (1997).
- 93.2-. Costas M.E., Ramos E. and Acevedo Ch. R. in Computational Chemistry and Chem. Engineering. (ed) Cisneros G, Cogordan JA, Castro M, and Wang Ch. Proceeding of third UNAM-CRAY Supercomputing Conference. Page 182-191. World Scientific, Singapore 1996.

- 93.3-. Costas ME, Acevedo R. *J. Comput. Chem.* 20, 200 (1999).
- 93.4-. Acevedo R, Costas ME. *Polyhedron* 18 (11) 1549 (1999).
- 93.5-. Costas ME, Acevedo RJ. *THEOCHEM. Journal of Mol. Structure* 468 (1-2), 39 (1999).
- 93.6-. Costas ME, Acevedo RJ. *THEOCHEM. Journal of Mol. Structure* 489, 73 (1999).
- 93.7-. Moszner M et al. *J. of Chem. Res-S* (11), 642 (1999).
- 93.8-. Costas ME, Acevedo R. *J. Mol. Struc-Theochem* 499, 71 (2000).
- 93.9-. Villegas-Ortega R, et al. *J. Mol. Struct-Theochem.* 504, 105 (2000).
- 93.10-. Smith-Somerville et al. *P. NATL. Acad. Sci. USA* 97(13), 7325 (2000).
- 93.11-. Costas ME, Acevedo JR. *J. Mol. Struct-Theochem* 532, 143(2000).
- 93.12-. Costas ME, Acevedo-Chavez R. *J. Mole. Struct-Theochem* 543, 243 (2001).
- 93.13-. Costas ME, Acevedo-Chavez R., *J. Molec. Structur. Theochem.* 587, 129 (200).
- 93.14-. Acevedo R, Costas ME, Bernes S, et al. *J. Chem. Soc. Dalton Transactions* 12, 2553 (2002).
- 93.15-. Aikens CM, Gordon MS. *Journal of Physical Chemistry A* 107 (1), 104 (2003).
- 93.16-. Torreggiani A, Tamba M, Trinchero A, et al. *J. Mol. Struct.* 651: 91-99 (2003).
- 93.17-. Torreggiani A, Tamba A, Bonora S, et al. *BIOPOLYMERS.* 72 (4), 290 (2003).
- 93.18-. Tamba M, Torreggiani A. *RESEARCN IN. CHEMICAL . INTERMEDIATES.* 29 (6), 533 (2003).
- 93.19-. Beissenhirtz MK. *Dissertation Institut fur Biochemie und Biologie, Universitat Postdam.* 2005.
- 93.20-. van Albada GA, Mutikainen I, Turpeinen U, et al. *POLYHEDRON* 25 (17):3278-3284 (2006).
- 93.21-. Bolm C, Martin M, Gesheide G, et al. *CHEMISTRY-A EUROPEAN JOURNAL* 13 (6): 1842-1850 (2007).
94. Studies of the System C<sub>60</sub>-Pb by Tunneling Spectroscopy. D. Mendoza, F. Morales, and R. Escudero. *Fullerene Science and Technology.* 6, No. 5, 801-803 (1998).
- 94.1-. Makarova TL, Semiconductors. 35 (3), 243 (2001).
95. Thin Films of C<sub>60</sub> Doped with Pb. D. Mendoza, F. Morales, and R. Escudero, *Jap. J. of Appl. Phys.* 36, No. 4, 2176 (1997).
- 95.1-. Li S.-F, Gao F, Zhao F, et al. *Journal of Propulsion Technology* 21 (3): 75-78 (2000).
96. Antiferromagnetic coupling in the Cyclic Octanuclear Compound [Cu(II)(m-3,5-dimethylpyrazolate)(m-OH) and its Analogue [Cu(II)(m-pyrazolate)(m-OH)]. R. Acevedo, M.E. Costas, and R. Escudero, *J. Solid State Chem.* 132, 24 (1997).
- 96.1-. Acevedo R, Costas ME. *Polyhedron* 18 (11) 1549 (1999).
- 96.2-. Acevedo R, Costas ME, Bernes S, et al. *J. Chem. Soc. Dalton Transactions* 12, 2553 (2002).
- 96.3-. Isurika Fernando, Stuart Surmann, et al. *Chemical Communications* 48 (54): 6860. 2012.
- 96.4-. Reyes Ortega Y, Alcantara Flores JL, et al. *J. American Chemical Soc.* 127 (46): 16312. 2005.
97. Magnetic study of the Novel Polynuclear Compound [Cu(II)(6-mercaptopurinolate 2-)]<sub>n</sub> R. Acevedo, M E. Costas, and R. Escudero. *J. Solid State Chem.* 132, 78 (1997).
- 97.1-. Acevedo R, Costas ME. *Polyhedron* 18 (11) 1549 (1999).
- 97.2-. Costas ME, Acevedo Chavez R., *J. Molec. Struct-Theochem.* 587, 129 (2002).
- 97.3-. Reyes-Ortega Y, Alcantara-Flores JL, Hernandez-Galindo MC, et al. *J. Of the American Chem. Soc.* 127 (46):16312-16317 (2005).
- 97.4-. Pazderski L, Tousek J, Sitkowski J, et al. *Polish Journal of Chemistry* 81 (2): 193-210 (2007).
98. Incorporation of Selenium into Carbon Films by Chemical Vapor Deposition. D. Mendoza, S. López, S. Granados, F. Morales, and R. Escudero. *Synthetic Metals* 89, 71 (1997).
- 98.1-. Tennakone K., et al. *J. Phys: D Appl. Phys.* 31, 2326 (1998).
- 98.2-. Walter J, and Shioyama H, *J. Phys: Cond. Matt.* 11, L21 (1999).
99. Superconductivity and Magnetism in f Electronic Systems. R. Escudero, F. Morales, a. Briggs, and P. Monceau. In *Current Problems in Condensed Matter: Theory and Experiments.* ed. by J. L. Moran, Plenum Press. (1998), page 11-15.
100. Clusters of C<sub>60</sub> Molecules. D. Mendoza, G. Gonzalez, and R. Escudero. *Advanced Materials* 11, No. 1, 31 (1999).

- 100.1.-Yu HH, Jiang DS., *Acta Polimerica Sinica*, 3, 369 (2002).
- 100.2.-Song T, Dai S, Tam KC, Lee SY, Goh SH. *Polymer* 44 (8), 2529 (2003).
- 100.3.-Song T, Dai S, Tam KC, et al. *Langmuir* 19 (11), 4798 (2003).
- 100.4.-Feng W, Yi WH, Wang XG, et al. *Acta Physico-Chimica Sinica* 19 (9), 795 (2003).
- 100.5.-Ltaief A, Bouazizi A, Davenas J, et al. *Synthetic Metals* 147 (1-3): 261 (2004).
- 100.6.-Zhang HY, Ding Y, Shao Z, et al. *Thin Solid Films* 492 (1-2):41-44 (2005).
- 100.7.-Garcia-Martinez J, Lancaster TM, Ying JY. *Advanced Materials.* 20 (2): 288-292 (2008).
- 100.8.-Paci B, Generosi A, Albertini VR, et al. *J. of Physical Chemistry C*, 113 (45): 19740-19747 (2009).
- 100.9.-Eliyahu S, Yerushalmi-Rozen R. *Chemical Communications* 46 (32): 5966-5968 (2010).
- 100.10.-Eliyahu S, Ren CL, Szleifer I, et al. *J. of Polymer Science Part B-Polymer Physics* 49 (7); 516 (2011).
- 100.11.-Davison G. *Spectroscopic Properties of Inorganic and Organometallic Compounds*. Royal Society Report Vol. 33. 2000. The Royal Society of Chemistry.
- 100.12.-Aggregation and complexation behavior of C60-containing polymers and functionalized C60. 2003. National University of Singapur. Ph.D Theses.
101. Tunneling and Point Contact Spectroscopy of the Density of States in Quasicrystalline Alloys. R. Escudero, J. C. Lasjaunias, Y Calvayrac, and M. Boudard. *J. of Physics: Cond. Matter.* 11, 383 (1999).
- 101.1.-Berger C, et al. *Phys. Rev. Lett.* 83, 3968 (1999).
- 101.2.-Schmithusen F, Cappello G, et al. *Surf. Sci.* 444 (1-3), 113 Jan (2000).
- 101.3.-Zijlstra E S, and Janssen T, *Phys. Rev. B* 61(5), 3377 (2000).
- 101.4.-Prejean JJ et al., *Phys. Rev. B* 61, 9356 (2000).
- 101.5.-Macia E. *Phys. Rev. B* 61 (13) 8771 (2000).
- 101.6.-Dolinsek J. et al. *Phys. Rev. B* 62, 8862 (2000).
- 101.7.-Macia E. *Appl. Phys. Lett.* 77, 3045 (2000).
- 101.8.-Delahaye Julien. These, Oct 2000. Universite Joseph Fourier, Grenoble, France.
- 101.9.-Zijlstra E S, Janssen T, *Europhysics Lett.* 52:(5), 578 (2000).
- 101.10.-Stojanovich NA, Pfitsh DW, et al. *Philosophical Magazine Lett.* 80: (12) 763 (2000).
- 101.11.-Macia E. *Materials Sciences and Engineering A* 294-296, 592 (2000).
- 101.12.-Bilusic A, et al. *Materials Sciences and Engineering A* 294-296, 711 (2000).
- 101.13.-Zijlstra ES, Janssen T. *Materials Sciences and Engineering A* 294-296, 886 (2000).
- 101.14.-Srinivas V, Rodmar M, Poon SJ, and Rapp O., *Phys. Rev B.* 63, 172202-1 (2001).
- 101.15.-Dolinsek J, Klanjsek M. *Phys. Rev B* 63 (13), 134203 (2001).
- 101.16.-Dolinsek J, Klanjsek M, Aphi T, et al., *Phys. Rev B* 64, 024203 (2001).
- 101.17.-Landauro CV, and Solbrig H., *Physica B* 301, 267 (2001).
- 101.18.-Stadnik ZM, Mater. Trans. 42 (6), 920 (2001).
- 101.19.-Macia E. *Phys. Rev B* 64, 094206 (2001).
- 101.20.-Stadnik ZM, Purdie D, Baer Y, Lograsso TA. *Phys. Rev. B* 64, 214202-1 (2001).
- 101.21.-Grenet T. In “Quasicrystals: Current Topics” ed. E. Belin-Ferrè, C. Berger, M. Quiquandon, and A. Sadoc. 1999, 455-474.
- 101.22.-Prejean JJ, Berger C, Sulpice A, and Calvayrac Y. *Phys. Rev B*, 65, 140203(R), (2002).
- 101.23.-Srinivas V, Rodmar M, Konig R, Poon SJ, Rapp O. *Phys. Rev. B* 65 (9) 094206 (2002).
- 101.24.-Swenson CA, Fisher IR, Anderson NE, Canfield PC, Migliori A. *Phys. Rev B* 65, 184206 (2002).
- 101.25.-Dolinsek J, et al. *J Phys. Cond Matter.* 14, 6975 (2002).
- 101.26.-Macia E. *Appl. Phys. Lett.* 81, 88 (2002).
- 101.27.-Solbrig H, and Landauro CV., In *Advances in Solid State Physics*, Vol. 42, in press.
- 101.28.-Belin-Ferre E. *J. Phys: Condens. Matter* 14, R789 (2002).
- 101.29.-Macia E. *J. of Alloys and Compounds* 342, 460 (2002).
- 101.30.-Padenzik Gomilsek J, et al., *Solid State Comm.* 123, 527 (2002).
- 101.31.-Tamura Okada J, et al. *J. Non-Crystalline Solids* 312-314, 513 (2002).
- 101.32.-Gomilsek JP, Arcon I, Kodre A, et al. *Solid State Comm.* 123 (12), 527 (2002).
- 101.33.-Okado JT, Ekino T, Takasi T, et al. *J. Non-Crist. Solids* 312, 513 (2002).
- 101.34.-Macia E. *Phys. Rev. B* 66 (17), 174203 (2002).
- 101.35.-Macia E. *J. Applied Phys.* 93 (2), 1014 (2003).
- 101.36- Swenson CA, Lograsso TA, Ross AR, et al. *Phys. Rev B* 66 (18), 184206 (2002).

- 101.37.-Gayathri N Banerjee, S. Banerjee, and R. Goswami. *J. Phys: Condens. Matter* 15, 2317 (2003).
- 101.38.-Banerjee GN, Banerjee S, Goswami R. *J. Phys. Condensed Mater.* 15(14) 2317 (2003).
- 101.39.-Delahaye J, Schaub T, Berger C, and Calvayrac Y. *Phys. Rev B* 67, 214201 (2003).
- 101.40.-Landauro CV, Macia E, Solbrig H. *Phys. Rev B* 67(18), 184206 (2003).
- 101.41.-Zijlstra ES, Bose SK *Phys. Rev B* 67 (22), 224204 (2003).
- 101.42.-Kuo YK, Lai JR, Huang CH, et al. *J. Phys: Condens. Matter.* 15, 7555 (2003).
- 101.43.-Klanjsek M, Jeglic P, McGuiness M, et al. *Phys. Rev. B* 68, 134210 (2003).
- 101.44.-Hippert F, Audier M, Prejean JJ, et al. *Phys. Rev B* 68, 134402 (2003).
- 101.45.-Bilusic A, Beslic I, Ivkovic J, Lasjaunias JC, and Smontara A. *FISIKA A (Zagreb)* 8 (3): 183 (1999).
- 101.46.-Rosenbaum R, Murphy T, Brandt B, et al. *J. Phys. Condens. Matter* 16, 821 (2004).
- 101.47.-Belin-Ferre E. *J. Non-Cryst Solids* 334, 323 (2004).
- 101.48.-Banerjee GN, Banerjee S, Goswami R. *J. Non-cryst Solids* 334, 388 (2004).
- 101.49.-Srinivas V, Rapp O, Poon SJ. *J. Non-Cryst Solids.* 334, 427 (2004).
- 101.50.-Macia E. *Phys. Rev. B* 69, 132201 (2004).
- 101.51.-Solbrig H and Landauro CV. Electronic transport parameters.. pag. 254. in *Quasicrystals*. Ed. Hans-Rainer Trebin. Wiley-VCH. 2003.
- 101.52.-Macia E. *Phys. Rev. B* 69, 184202 (2004).
- 101.53.-Macia E. *Phys. Rev. B* 70, 100201 (R) (2004).
- 101.54.-Landauro CV. Influence of spectral fine structure on the electronic transport of icosahedral quasicrystals. Technischen Universitat Chemnitz, Germany April 2002.
- 101.55.-Belin-Ferre E, Demange V, Dubois JM. *Crystallography Reviews.* 10 (2), 111 (2004).
- 101.56.-Trambly De Laissardiere G, Nguyen-Mahn D, Mayou D. *Progress in Materials Science* 50 (6), 679-788 (2005).
- 101.57.-Haberkern R, Barzola-Quiquia J, Madel C, Haussler P. *Material Research Soc. Symposium Proceeding* 643, k831-k832 (2001).
- 101.58.-Dolinsek J, Klanjsek M, Apih T. *Ferroelectrics* 250 (1-4), 195-200 (2001).
- 101.59.- Dubois JM. *Useful Quasicrystals*. Chap. 3: Strange Physical Properties. pag.163. World Scientific 2005.
- 101.60.-Widmer R, Groning O, Ruffieux P, and Groning P. *Philosophical Mag.* 86 (6-8): 781-787 (2006).
- 101.61.- Groning O, Widmer R, et al. *Philosophical Mag.* Accepted (2005).
- 101.62.- Macia E. *Philosophical Mag.* 86 (6-8): 927-933 (2006).
- 101.63.-Delahaye J, and Berger C. *Philosophical Magazine* 86 (6-8): 789-796 (2006).
- 101.64.-de Laissardiere GT, Nguyen-Manh D, Mayou D. *Progress in Material Science* 50 (6):679-788 (2005).
- 101.65.-Dolinsek J, Jeglic P, McGuiness PJ, et al. *Phys. Rev. B.* 72 (6):064208 (2005).
- 101.66.-Macia E, Takeuchi T, Otagiri T. *Phys. Rev. B* 72 (17): 174208 (2005).
- 101.67.-Macia Enrique. *Rep. Prog. Phys.* 69: 397-441 (2006).
- 101.68.-Jaiswal A, Rawat R, Lalla NP. *J. of Non-Crystalline Solids.* 352: 2129-2136 (2006).
- 101.69.-Vasundhara M, Srinivas V, Rao VV, et al. *IEEE Transactions on Magnetics* 42 (10): 3105-3107 (2006).
- 101.70.-Okada JT, Ekino T, Yokoyama Y, et al. *J of the Physical Soc. Japan* 76 (3): 033707 (2007).
- 101.71.-Dolinsek J, Vrtnik S, Klansek M, Jaglicic Z, Smontara A, et al. *Phys. Rev B* 76 (5): 0254201. (2007).
- 101.72.-Barzola-Quiquia J, Haussler P. *J of Non-crystalline Solids* 353 (32-40):3237-3242 (2007).
- 101.73.-Rosenbaum R, Mi S, Grushko B, et al. *J of Low Temp. Phys.* 149: 314-329 (2007).
- 101.74.-Prekul AF, Shchegolikhina NI. *Kristallografiya* 52 (6): 1032-1041 (2007). *Crystallographic Reports* 52 (6): 996-1005 (2007).
- 101.75.-Dolinsek J, Jeglic P, Komelj M, et al. *Phys. Rev. B.* 76 (17): 174207 (2007).
- 101.76.-Smiljanic I, Bilusic A, Bihar Z, et al. *Materiali in tehnologije/ Materials and technology* 41 (6): 265-270 (2007).
- 101.77.-Rosenbaum R, Balanetskyy S, Grushko B, Przepiorzynski B. *J. of Low Temp. Phys.* 150 (1-2): 82-100 (2008).
- 101.78.-Prekul AF, Shchegolikhina NI, Shalaeva EV. *Physics of Metals and Metallography* 106 (2): 157-163 (2008).
- 101.79.-Widmer R, Groning P, Feuerbacher M, et al. *Physical Review B* 79 (10): 104202 (2009).
- 101.80.-Ponosov Yu S, Shchegolikhina NI, Prekul AF. ArXiv: 0908.4535v1. (2009).
- 101.81.-Macia E. *Phys. Rev. B* 80, 205103 (2009).

- 101.82.-Stanic D, Popcevic P, Smiljanic I, et al. Materiali in Tehnologije Izvirni znanstveni clanek 44 (1) 3-7, (2010).
- 101.83.-Batistic I, Stanic D, Tutis E. Croatia Chemica Acta 83 (1): SI 43-47 (2010).
- 101.84.-Popcevic P, Batistic I, Tutis E, et al. Croatia Chemical Acta. 83 (1): SI 95-100 (2010).
- 101.85.-Macia B E. Aperiodic structure in condensed matter: fundamentals and applications. Taylor & Francis 2009. ISBN: 978-1-4200-6827-6.
- 101.86.-Prekul AF, Shalaeva EV, Shchegolikhina NI. Physics of the Solid State 52 (9): 1797 (2010).
- 101.87.-*А.Ф. Преку, Е.В. Шалаева, Н.И. Щеголихина, Физика твердого тела, 2010, том 52, вып. 9*
- 101.88.-Ponosov YS, Shchegolikhina NI, Prekul NI. J. of Noncrystalline Solids 357 (3): 1235. (2011).
- 101.89.-Mader Ruben. Scanning Tunneling Microscopy and Spectroscopy of Aluminium based Quasicrystals and Approximants 2010. ISBN 978-3-8325-2675-7. Logos Verlag Berlin GmbH
- 101.90.-Prekul AF, Shchegolikhina NI, Edagawa K. Philosophical magazine. Doi.org/10.1080/14786435.2010.519356. 2010.
- 101.91.- Dubois JM, Belin-Ferre E, Macia E, Boissieu M. Properties of CMAS: Theory and experiments. Complex metallic Alloys. Ch 2. Wiley. Doi: 10.1002/9783527632718. Ch2. (2010).
- 101.92.-Prekul AF, Schegolikhina NI, Edawa K. Philosophical Magazine 91 (19-21) 2828-2836 (2011).
- 101.93.-Macia E, et al. in Complex metallica Alloys. Ed. JM. Dubois, and E. Belin-Ferre. Chap 2. Wiley-VCH. 2011.
- 101.94.- Dshemuchadse J, Jung DY, and Steurer W. Acta Crystallographica Section B. Structural Science 67 (4), 269 (2011).
- 101.95.-E.Maciá. Critical Reviews in Solid State and Materials Sciences. 37 (4), 215 (2012).
102. Electrolytic Formation of Carbon-Sheathed Mixed Sn-Pb Nanowires. Hsu WK, Trasobares H, Terrones H, Terrones M, Grobert N, Zhu YQ, Li WZ, Escudero R, Hare JP, Kroto HW, and Walton DRM. Chemistry of Materials. 11 (7) , 1747 (1999).
- 102.1.-Terrones M, Grobert N, Hsu WK, et al. MRS Bulletin/August 43 (1999).
- 102.2.-Govindaraj A, et al. Chem. Mater. 12(1), 202 (2000).
- 102.3.-Grobert N, Mayne M, Terrones M, et al., Chem. Commun. (5), 471 (2001).
- 102.4.-Rao CNR, et al. Chem. Phys. Chem. 2(2), 78 (2001).
- 102.5.-Hsu WK, Zhu YQ, Yao N, et al., Advanced Funct. Materials 11(1) 69 (2001).
- 102.6.-Wu QS, Zheng NW, Ding YP, Chem. J. Chinese U. 22 (6), 898 (2001).
- 102.7.-Trasobares S, Stephan O, Colliex C, et al. Eur. Phys. J B 22: (1) 117 (2001).
- 102.8.-Banhart F, et al. Int. J. Mod. Phys B 15 (31), 4037 (2001).
- 102.9.-Zach MP, Inazu K, Ng KH, et al. Chemistry of Materials. 14 (7) 3206 (2002).
- 102.10.-Paulose M, Grimes CA, Varghese OK, et al. Appl. Phys. Lett. 81, 153 (2002).
- 102.11.-Wu HQ, Wei XW, Shao MW, et al. J. of Materials Chemistry 12 (6), 1919 (2002).
- 102.12.-Hofmann S, Ducati C, and Robertson j. Advanced Materials. 14 (24), 1821 (2002).
- 102.13.-Ye XR, Lin YH, Wang CM, et al. ADV. MATER. 15(4), 316 (2003).
- 102.14.-Kinloch IA, Chen GZ, Howes J, et al. Carbon. 41(6), 1127 (2003).
- 102.15.-Rakov EG. USPEKHI KHIMII 70 (10), 934 (2003).
- 102.16.-Xu Q. Schwandt C. Fray DJ. J. Electroanal. Chem. 562 (1), 15 (2004).
- 102.17.-Ye XR, Lin YH, Wang CM, Engelhard MH, et al. J. Mater. Chem. 14 (5), 908 (2004).
- 102.18.-Encyclopedia of Nanoscience and Nanotechnology. Ed. H. Singh Nalwa, American Scientific Publ. Vol.6, pag. 75. (2004).
- 102.19.-Wu NF, Chen HJ, Chueh YL, et al. Chemical Communications (2): 204-206 (2005).
- 102.20.-Lin YH, Cui XL, Ye XR. Electrochemistry Communications 7(3):267-274 (2005).
- 102.21.-Nanocomposites Science and Technology. Chap. 1 Bulk Metal and Ceramics Nanocomposites. PM. Ajayan. Wiley and Interscience. 2004.
- 102.22.-Govindaraj A, CN Rao. Nanotubes and Nanowires. Wiley Interscience The Chemistry of Nanowires. 2005.
- 102.23.-Fleischer Karsten. Optical Anisotropy and Vibrational Properties of Sn, In, and Cs Nanowires. Diplom Physiker. Berlin 2005.
- 102.24.-Domrachev GA, Ob'edkov AM, Kaverin BS, et al. Chemical Vapor Deposition. 12(6): 357-363 (2006).
- 102.25.-Grobert N. Materials Today Vol. 10, Num. 1-2. page 28-35 (2007).

- 102.26-.Favier F, Zach MP, Penner RM. Methods for fabricating metal nanowires. US Patent 7,220,346. 2007.
- 102.27-.Self Organized Nanoscale Materials. Springer New York 2006. Series: Nanostructure science and technology. Adachi M, and Lockood DJ.
- 102.28-.Chen GZ, Fray DJ. Journal of Mining and Metallurgy. 39 (1-2) B, 309-342 (2003).
- 102.29-. Nanocomposite Science and Technology Book by PM Ajayan, LS Schadler, PV Braun. Wiley-VCH 2003.
- 102.30-.Penner RM. Methods For Fabricating Metal Nanowires Patent US 7,220,346 B2 May 22, 2007.
- 102.31-.Sytchev J, Kaplay G, Electrochimica Acta 54, 6725-6731. (2009).
- 102.32-.Tao XY, Dong Lx, et al. CARBON 47 (13): 3122 (2009).
- 102.33-.Penner RM, Walter EC, Favier F. Hydrogen gas sensor. Patent US 7,628,959 B2. Dec 8, 2009.
- 102.34-.Prakash J, Venugopalan R, Sathiyamoorthy D. Internationa Journal of Nanotechnology. 7 (9-12) 945 (2010).
- 102.35-.Yuehe Lin, Xiang-Rong, Chien M Wai. Dekker Encyclopedia of nanoscience and nanotechnology, second edition March 2009.
- 102.36-.Schwandt C, Dimitrov AT, Fray DJ. J. of Electroanalytical Chemistry 647 (2): 150-158 (2010).
- 102.37-.Prakash J, Venugopalan R, Sathiyamoorthy D. International Journal of Nanotechnology 7 (9-12) 945 (2010).
- 102.38-.Wu JL, Kuo HF, Chen PT, et al. Physical Chemistry Chemical Physics 12 (47): 15436 (2010).
- 102.39-.Sloan Jeremy, Monthieux Marx. Carbon Meta-Nanotubes: Synthesis, properties and Applications. Doi: 10.1002/9781119954743.ch5a. (2011)
- 102.40-. Linganiso Ella C, Chimowa G, Franklyn P, et al. Material Chemistry and Physics. 132 (2-3) 300-308 (2012).
- 102.41-.Kentaro Takekoshi, Takio Kizu, et al. Japanese Journal of Applied Physics. 51 (12): 125102. (2012).
103. Magnetization Studies in Quasi Two Dimensional Palladium Nanoparticles Encapsulated in a Graphite Host. D. Mendoza, F. Morales, R. Escudero, and J. Walter. J. of Physics: Condensed Matter. 11, L317- L322 (1999).
- 103.1-.J. Walter et al. Journal of Catalysis 189, 449 (2000).
- 103.2-. J. Walter. Advanced Materials 12, 31 (2000).
- 103.3-.J. Walter. Phil. Mag. Lett. 80 (4), 257 (2000).
- 103.4-.Kalamakaran R, Singh AK, Srivastava ON. J. Phys: Cond Matter. 12 (12) 2681 (2000).
- 103.5-.Suzuki M, Suzuki IS, Walter J. Phys. Rev B 62: (21), 14171 (2000).
- 103.6-.Suzuki IS, Suzuki M, Walter J Solid State Com. 118 (10), 523 (2001).
- 103.7-.Shirai M, Igeta K, Arai M, J. Phys. Chem B 105 (30), 7211 (2001).
- 103.8-. Suzuki IS, Suzuki M, Walter J. Phys. Status Solidi A 189, 945 (2002).
- 103.9-. Esquinazi P, et al., Phys. Rev B 66, 024429 (2002).
- 103.10-.Walter J, Wakita S, Boonchuduang W, et al. J. Phys. Chem B 106 (34): 8547 (2002).
- 103.11-.Lipson AG, Heuser BJ, Castano CH, et al. Physics Letters A339 (3-5): 414-423 (2005).
- 103.12-. Lipson AG, Heuser BJ, Castano CH, et al. Journal of Experimental and Theoretical Physics 103 (3): 385-397 (2006).
- 103.13-.DeBiasi E, de Siervo A, Garcia F, et al. J of Electron Spectroscopy and Related Phenomena, 156-158: 332-335 (2007).
- 103.14-.Adachi M, Okumura A, Sivaniah E, Hashimoto T. Macromolecules 39 (21): 7352-7357 (2006).
- 103.15-.Creamer NJ, Mikheenko IP, Yong P, et al, Catalysis Today 128 (1-2): 80-87 (2007).
- 103.16-.Garcia Martinez J, Lancaster TM, Ying JY. Advanced Materials 20 (2): 288 (2008).
- 103.17-.Jeon YT, Lee GH. Journal of Applied Physics 103 (9): 094313 (2008).
- 103.18-.Shanina BD, Veynger A, Danishevskii AM, et al. Metallofizika I Noveishie Tekhnologii 30 (5): 635 (2008).
- 103.19-.Walter J. Philosophical Magazine Letters 80 (4): 257 (2000).
- 103.20-.Shanina B, Danishevskii AM, Veynger A, et al. Phys. of the Solid State 51 (3): 632-639 (2009).
- 103.21-.Shanina BD. Applied Magnetic Resonance 35 (3): 429-437 (2009).
- 103.22-.Okamoto T, Maki H, Oba Y, et al. J of Applied Physics. 106 (2): 023908 (2009).
- 103.23-.Shanina BD, Danishevskii AM, Veingwer AI, et al. Journal of Experimental and Theoretical Physics 109 (4): 609-618 (2009).

- 103.24.-Siril PF, Ramos L, Beaunier P, et al. *Chemistry of Materials* 21 (21): 5170-5175 (2009).
- 103.25.-Kulriya PK, Metha BR, Avasthi DK, et al. *Appl. Phys. Lett.* 96, 053103 (2010).
- 103.26.-Matsui D, Prylutskyy Y, Matzui L, et al. *Physica Status Solidi C* 7 (3-4), 1264 (2010).
- 103.27.-Matsui D, Ovsyienko I, Lazarenko O, et al. *Molecular Crystals and Liquid Crystals* 535, SI 64-73. (2011).
- 103.28.-Danishevskii AM, Makarova TL, Sitnikova AA, et al. *Physics of the Solid State* 53 (5): 1017 (2011).
- 103.29.-Zhao G, Wang J, Ren Y, et al. arXiv:1106.4323v1. Jun 21, 2011.
- 103.30.- Graja A, Bulka BR, Kajzar F. *Molecular Low Dimensional and Nanostructured Materials for Advanced Applicationss*. NATO Science Series Vo. 59. Kluwer Academic Publishers. 2002
- 103.31.-Sun X, Yacaman M. Jose, F. Morales. *Mat. Res. Symp. Proc.* 581, 535 (2000).
- 103.32.-Redwood Mark E. PhD Thesis University of Birmingham. 2008. ID Code: 3135. Identification Number/DOI: 10.1039/B616567B

104. Transport and Magnetic Properties in  $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$  Tick Films. Hart C, Ares O, and Escudero R. *Materials Science Forum*. 302-3: 144-148 (1999).

- 105.New Mononuclear Lanthanide(III) Macroyclic Polymeric Complexes with the 1,5,9,13-Tetraazacyclohexadecane Ligand: Their Magnetic Studies and Semiempirical Calculations. F. de Maria Ramirez, Martha Elena Sosa-Torres, Roberto Escudero, Juan Padilla, and Jorge A Ascencio. *J. Coordination Chemistry*. 50, 1-28 (2000).
- 105.1.-Ascencio JA, Mejia Y, Liu HB, et al. *LANGMUIR* 19 (14), 5882 (2003).
- 105.2.-Solano-Peralta A, Sosa-Torres ME, Flores-Alamo M, et al. *Dalton Transactions* (16), 2444 (2004).
- 105.3.-Fallis IA. *Annual Reports on the Progress of Chemistry Section A97*, 331-369 (2001).
- 105.4.-Velumani S, Ascencio JA, Canizal G, et al. *Journal of Polymer Science Part B-Polymer Phys.* 43 (21):3058-3068 (2005).
- 105.5.-Lopez T, Sotelo J, Navarrete J, et al. *Optical Materials* 29(1):88-94 (2006).
- 105.6.-Narayanan J, Sotelo A, Ugalde VM, et al. *Inorganic Chimica Acta* 9-10: 2747-2758 (2008).
- 105.7.- Jimenez Reyes M. *Contribuciones del Inst. Nal.Inv. Nucleares al avance de la Ciencia y tecn. En Mexico. Edición conmemorativa 2010*.
- 105.8.- Solano Peralta A, Sosa Torres ME. *J. of the Mexican Chemical Soc.* 44 (002) pp. 168-175 (2000).
- 105.9.-Biswas B, Raghavaiah P, Aliaga N, et al. *Polyherdon*. 29 (13) pp. 2716-2721 (2010).
- 105.10.-Lopez Martines L, Lopez de Alba PL, Urbina Zarate B. *J. of the Mexican Chem. Soc.* 44 (002): 163-167. (2000).

106. Enhanced Magnetic Coercivities in Fe Nanowires. N. Grobert, WK. Hsu, YQ Zhu, JP Hare, HW Kroto, DRM Walton, M Terrones, H Terrones, Ph Redlich, M. Ruhle, R. Escudero, and F. Morales. *Appl. Phys. Lett.* 75, 3363 (1999).
- 106.1.-Wu YY, Yang PD. *Chem. Mater.* 12: (3), 605 (2000).
- 106.2.-Han. W, et al. *Advanced Materials* 12 (18), 1356 (2000).
- 106.3.-Han W. Q., et al. *Appl. Phys. Lett.* 77 (12) 1807 (2000).
- 106.4.-Liu SW, et al. *J. Mater Chem.* 10: (11) 2502 (2000).
- 106.5.-Kamalakaran R, et al. *Appl. Phys. Lett.* 77 (21), 3385 (2000).
- 106.6.-Hsu WK, et al. *Appl. Phys. Lett.* 77 (25), 4130 (2000).
- 106.7.-Grobert N, et al, *Chem. Commun.* (5), 471 (2001).
- 106.8.-Terrones H, et al *Chem Phys Lett.* Submitted May 2001.
- 106.9.-Sellmyer DJ, Zheng M, and Skomski R. *J. Phys.: Condens. Matter* 13, R433 (2001).
- 106.10.-Mayne M, et al. *Chem. Phys. Lett.* 338 (2-3), 101 (2001).
- 106.11.-Zhang XX, Wen GH, et al, *J. Magn. Magn. Mater.* 231 (1), L9 (2001).
- 106.12.-Prados C, Crespo P, Gonzalez JM, et al. *IEEE T. MAGN.* 37 (4), 2117 (2001).
- 106.13.-Han WQ, Cumings J, Huang XS, et al. *Chem. Phys. Lett.* 346, 368 (2001).
- 106.14.-Renzhi M, Yoshio Bando, and Tadao Sato. *Chem. Phys. Lett.* 350, 1 (2001).
- 106.15.-Gao YH, Bando Y, Sato T, *Appl. Phys. Lett* 79, 4565 (2001).

- 106.16-.Terrones H, Terrones M, Moran-Lopez JL Current Science India 81 (8), 1011 (2001).
- 106.17-.Ma RZ, Bando Y, Saito T. Chem. Phys. Lett. 350 1 (2001).
- 106.18-.Banhart F, et al. Int. J. Mod. Phys B 15 (31), 4037 (2001).
- 106.19-.Prados C, Crespo P, et al. Phys. Rev B 65, 113405 (2002).
- 106.20-.Zeng H, Skomski R, Menon I, et al. Phys. Rev B. 65 (13), 134426 (2002).
- 106.21-.Liu ZJ, Che RC, Xu ZD, et al Synthetic Met. 128, 191 (2002).
- 106.22-.Satishkumar BC, et al. Chem. Phys. Lett. 362, 301 (2002).
- 106.23-.Okuno h, et al., J. Mater. Res. 17 (8): 1904 (2002).
- 106.24-.Flahaut E, Agnoli F, Sloan J, et al. Chemistry of Materials. 14 (6), 2553 (2002).
- 106.25-.Kamalakar G, Hwang DW, Hwang LP. J. Material Chemistry 12 (6), 1819 (2002).
- 106.26-.Wu HQ, Wei XW, Shao MW, et al. J. Material Chemistry. 12 (6), 1919 (2002).
- 106.27-.Qin DH, Wang CW, Sun QY, et.al. Appl. Phys. A Mat. Sci. & Processing 74 (6), 761(2002).
- 106.28-.Prados C, Crespo P, Gonzalez JM, et al. IEEE Transactions on Magnetism. 37(4), 2117 (2002).
- 106.29-.Liu Xin-Ying, Huang Bi-Chun, and Colville Neil J., Carbon, 40 (15), 2791 (2002).
- 106.30-.Xin-Ying Liu, JF Mareche, F. Payot, and G. Furdin. Carbon. 40 (15), 2801 (2002).
- 106.31-.Watts PCP, Hsu WK, Kotseva V, and Chen GZ., Chem Phys. Lett. 366, 42 (2002).
- 106.32-.Watts PCP, Hsu WK, et al, Chem. Mater. 14, 4505 (2002).
- 106.33-.Lopez-Urias F, Diaz-Ortiz A, Moran-Lopez JL. Phys Rev B66 (14) 144406 (2002).
- 106.34-.Aranda P, Garcia JM. J. Magn Magn Mater 249 (1-2) 214-219 (2002).
- 106.35-.Jain K, Lakshmirkumar ST, IETE TECH. REV. 19(5), 293 (2002).
- 106.36-.Marco JF, Gancedo JR, Hernando A, et al. Hyperfine Interact 139 (1-4), 535 (2002).
- 106.37-.Vayssieres L, Rabenberg L, Manthiram A, et al. NANO LETT. 2 (12), 1393 (2002).
- 106.38-.Ma RZ, Bando Y. Chemical Physics Letters 367 (1-2), 222 (2003).
- 106.39-.Zhang GY, Wang EG Appl. Phys. Lett. 82(12), 1926 (2003).
- 106.40-.Watts PCP, Hsu WK, Barnes A, et al. Adv. Mater. 15 (7-8), 600 (2003).
- 106.41-.Muhl T, Elefant D, Graff A, et al. J. of Appl. Phys. 93 (10), 7894 (2003).
- 106.42-.Leonhardt A, Ritschel A, et al. Diam. Related Mater. 12 (3-7), 790 (2003).
- 106.43-.Kuo CT, Lin CH, Lo AY, Diam. Relat. Mater 12(3-7), 799 (2003).
- 106.44-.Ma XC, Cai YH, Lun N, et al. Mater Lett. 57 (19), 2879 (2003).
- 106.45-.Che R, Peng L-M Chen Q, et al. Chem. Phys. Lett. 375 (1-2), 59 (2003).
- 106.47-.Rana RK, Xu XN, Yeshurun Y, et al. ADV. Mater. 15 (11), 926 (2003).
- 106.48-.Terrones M. ANNU. REV. MATER. RES. 33: 419 (2003).
- 106.49-.Zhang B, Liu C, Cheng HM, et al. New Carbon Mater. 18(3), 174 (2003).
- 106.50-.Terrones H, Terrones M. New Journal of Phys. 5, art. 126 (2003).
- 106.51-.Vaseashta A. J. Mater. Sci-Mater. El. 14(10-12), 653 (2003).
- 106.52-.Baxendale M. J. Mater. Sci-Mater. El. 14(10-12), 657 (2003).
- 106.53-.Kozhuharova R, Ritschel. M, Elefant D, et al. J. Mater. Sci-Mater. El. 14(10-12), 789 (2003).
- 106.54-.Cheng JP, Zhang XB, Ye Y, et al Chinese J. Inorg. Chem. 19 (11), 1269 (2003).
- 106.55-.Choi Won Young, Won Kang Jeong, Hwang Ho Jung. Phys. Rev B 68, 193405 (2003).
- 106.56-.Schaper AK, Hou H, Greiner A, et al. Appl. Phys A- Mater. 78 (1), 73 (2004).
- 106.57-.Watts PCP, Hsu WK. Appl. Phys A- Mater. 78 (1), 79 (2003). 79 (2004)
- 106.58-.Zhi CY, Zhong DY, Wang EG. Chem. Phys. Lett. 381 (5-6), 715 (2003).
- 106.59-.Tokoro H, Fuji S, Oku T. J. Mater. Chem. 14 (2): 253 (2004).
- 106.60-.Hwang HJ, Kwon OK, Kang JW. Solid State Comm. 129 (11): 687 (2004).
- 106.61-.Kanyo T, Konya Z, Kukovecz A, et al. Langmuir. 20 (5), 1656 (2004).
- 106.62-.Schneider CM, Zhao B, et al. DIAM. RELAT. MATER.13 (2), 215 (2004).
- 106.63-.Che RC, Peng LM, Duan XF, et al. ADV. MATER. 16 (5), 401 (2004).
- 106.64-.Fujiwara Y, Takegawa H, Sato H, et al. J. Appl. Phys. 95 (11), 7118 (2004).
- 106.65-.Jang JW, Lee KW, Lee CE, et al. Physica Status Solidi B. 241 (7), 1605 (2004).
- 106.66-.Pichot V, Launois P, et al. Appl. Phys. Lett. 85 (3), 473 (2004).
- 106.67-.Lozano-Castello D, Kamalakaran R, van Benthem K, et al. Carbon 42 (1), 2223 (2004).
- 106.68-.Reyes-Reyes M, Grobert N, Kamalakaran R, et al. Chem. Phys. Lett. 396 (1-3), 167 (2004).
- 106.69-.Kozhuharova R, Ritschel M, Elefant D, et al. Appl. Surface Science 238 (1-4), 355 (2004).
- 106.70-.Kamide K, Araki H, Hiwatashi S, et al. J. Vac. Sci. Technol. B22 (6), 2792 (2004).
- 106.71-.Ruskov T, Asenov S, Spirov I, et al. J. Appl. Phys. 96 (12), 7514 (2004).
- 106.72-.Okotrub AV, Gusel'nikov AV, Bulusheva LG. NATO ASI 2003. 347 (2003).

- 106.73.-Peng DL, Zhao X, Inoue S, et al. *J. Mag. Mag. Matt.* 292, 143-149 (2005).
- 106.74.-Dabagov SB, Okotrub AV. *Spectrochimica Acta Part.B-Atomic Spectroscopy* 59 (10-11),1575 (2004).
- 106.75.-Tyagi PT, Singh MK, and Misra DS. *Encyclopedia of Nanoscience and Nanotechnology*. (ed.) H. S. Nalwa. Vol 3: pag. 417-430. 2003
- 106.76.-Chulsu Jo, Lee JI, Jang Y.-R. *Phys. Stat. Sol. 1* (12), 3264 (2004).
- 106.77.-Monch I, Meye A, Leonhardt A, et al. *J. Magn. Mag. Mat.* To be published 2005.
- 106.78.-Teodorescu CM, Macovei D, Lungu A. *J. of Optoelectronic and Advanced Matt.* 6(4), 1275 (2004).
- 106.79.-Terrones M. *International Materials Reviews* 49 (6), 325 (2004).
- 106.80.-Elias AL, Rodriguez-Manzo JA, McCartney MR, et al. *Nanoletters* 5(3), 467-472 (2005).
- 106.81.-Kamide K, Araki H, Hiwatashi S, et al. *Journal of Vacuum Science and Techn B* 22 (6), 2792 (2004).
- 106.82.-Karmakar S, Sharma SM, Mukadam MD, et al. *Journal of Appl. Phys.* 97, 054306 (2005).
- 106.83.-Liu S, Wehmsschulte RJ. *CARBON*, 43 (7) 1550 (2005).
- 106.84.-Kang YJ, Choi J, Youn Moon C, et al. *Phys. Rev B* 71, 115441 (2005).
- 106.85.-Liu BY, Wei LW, Ding QM, et al. *Journal of Crystal Growth* 277 (1-4): 293-297 (2005).
- 106.86.-Tanemura M, Iwata K, Wakasugi K, et al. *Japanese Journal Of Appl. Phys. Part-1* 44 (4A): 1577-1580 (2005).
- 106.87.-Kozhuharova R, Ritschel M, Monch I, et al. *Fullerenes Nanotubes and Carbon Nanostructures* 13: 347-353 Suppl. 1 (2005).
- 106.88.-Lopez-Urias F, Muñoz-Sandoval E, Reyes-Reyes M, et al. *Phys. Rev. Lett.* 94, 216102 (2005).
- 106.89.-Monch I, Meye A, Leonhardt A, et al. *J. of Mag, Mag, Mat.* 290: 276-278, (2005).
- 106.90.-Muhl T, Ritschel M, Kozhuharova R, et al. *HIGHLIGHTS 2002:* 27-30.
- 106.91.-Okotrub AV, Gusel'nikov AV, Bulusheva LG. *NATO 2003:* 347-360.
- 106.92.-Leonhardt A, Ritschel M, Elefant D, et al. *J. Appl. Phys.* 98, 074315 (2005).
- 106.93.-Liu QF, Wang JB, Yan ZJ, et al. *Phys. Rev B* 72 (14):144412 (2005).
- 106.94.-Sun ZY, Liu ZM, Wang Y, et al. *Journal of Materials Chemistry* 15 (42): 4497-4501 (2005).
- 106.95.-Pinault M, Mayne-L'Hermite M, Reynaud C, et al. *Carbon* 43 (14):2968-2976 (2005).
- 106.96.-Liu W, Zhong W, Wu XL, et al. *J. of Crystal Growth* 284 (3-4):446-452 (2005).
- 106.97.-Su Y-C, Hsu W-K. *Appl. Phys. Lett.* 87, 233112 (2005).
- 106.98.-Ramesh BP, Blau WJ, Tyangi PK, et al. *Thin Solid Films* 494 (1-2): 128-132 (2006).
- 106.99.-Barbic M, Scherer A. *Solid State Magnetic Resonance* 28 (2-4): 91-105 (2005).
- 106.100.-Kang YJ, Chang KJ. *Physica B* in press (2006).
- 106.101.-Wei M, Zhi D, MacManus-Driscoll JL. *Scripta Materialia* 54 (5): 817-821 (2006).
- 106.102.-Liu LF, Xie SS, Song L, et al. *Nanotechnology* 17 (1): 19-24 (2006).
- 106.103.-Martin-Gullon I, Vera J, Conesa JA, et al. *Carbon* 44, 1572-1580, (2006).
- 106.104.-Terrones H, Lopez-Urias F, Muñoz-Sandoval E, et al. *Solid State Sciences.* 8, 303-320 (2006).
- 106.105.-Martin-Gullon I, Vera J, Conesa JA, et al. *CARBON.* 44 (8): 1572- 1580 (2006).
- 106.106.-Kang Y-J, Chang KJ. *PHYSICA B* 376-377, 311-315 (2006).
- 106.107.-Hampel S, Leonhardt A, Selbmann, et al. *Carbon* 44: 2316-2322 (2006).
- 106.108.-Goldberg D, Mitome M, Muller Ch, et al. *Acta Materialia* 54(9): 2567-2576 (2006).
- 106.109.-Ellis AV, Ingham B. *J.of Mag. Mag. Mat* 302: 378-381 (2006).
- 106.110.-Fengxia Geng, Hongtao Cong. *Physica B* 382 (1-2): 300-304 (2006).
- 106.111.-Wei BQ, Shima M, Pati R, et al. *SMALL* 2 (6): 804-809 (2006).
- 106.112.-Jin CB, Yang JE, Jo MH. *Appl. Phys. Lett.* 88 (19): 193105 (2006).
- 106.113.-Wang ZY, Zhao ZB, Qiu JS. *PROGRESS IN CHEMISTRY* 18 (5): 563-572 (2006).
- 106.114.-Qui J, Li Q, Wang Z, et al. *Carbon* 44 (12): 2565-2568 (2006).
- 106.115.-Qin DongHuan, Li Hulin *Chemical Research in China Universities* 1`7 (3): 99-100 (2001).
- 106.116.-Pichot V, Launois P, Pinault M, et al. *AIP Conference Proc. Electronic Properties of Novel Nanostructures* 786: 158-161 (2005).
- 106.117.-Dabagov SB. *Channeling Projects at LNF: From Crystals Undulators to Capillary Waveguides.* Channeling 2004 workshop organized by LNF. (2004).
- 106.118.-Grobert N, Mayne M, Terrones M, et al. *Electronic Properties of Molecular Nanostructures* ed by. Kuzmany H, et al. American Institute of Physics (2001).
- 106.119.-Leonhardt A, Hampel S, Muller C, et al. *Chemical Vapor Deposition* 12 (6): 380-387 (2006).
- 106.120.-Hsin Yu-Lin, Lai JY, Hwang KC, et al. *CARBON* 44, 3328-3335 (2006).
- 106.121.-Liu Lifeng, Mu Shicheng, Xie Sishen, et al. *J of Phys D: Appl. Phys.* 39 (18): 3939 (2006).

- 106.122.-Tao XY, Zhang XB, Cheng JP, et al. Diamond and Related Materials. 15(9): 1271-1275 (2006).
- 106.123.-Muller C, Leonhardt A, Hampel S, Buchner B. Phys. Stat. Sol. (b) 243, 3091-3094 (2006).
- 106.124.-Hayashi T, Tokunaga T, Kaneko K, et al. IEEE Transactions on Nanotechnology 5 (5): 485-490 (2006).
- 106.125.-Groudeva-Zotova S, Kozhuharova R, Elefant D, et al. Journal of Magnetism and Magnetic Materials 306(1): 40-50 (2006).
- 106.126.-Blank VD, Alshevskiy YL, Zaitsev AI, et al. Scripta Materialia 55 (11): 1035-1038 (2006).
- 106.127.-Ruskov T, Spirov I, Ritschel M, et al. Journal of Applied Physics 100 (8):084326 (2006).
- 106.128.-Zhang Q, Qian WZ, Yu H, et al. APPLIED PHYSICS A-MATERIALS SCIENCE AND PROCESSING 86 (2) 265-269 (2007).
- 106.129.-Wang W, Wang K, Lv R, Wei J, et al. CARBON 45: 1105-1136 (2007).
- 106.130.-Lv Ruitao, Kang F, Wang W, Wei J, et al. Phys. Stat. Sol. (a), 204 (3):867-873 (2007).
- 106.131.-Fujita T, Chen M, Wang X, et al. J of Applied Physics 101, 014323 (2007).
- 106.132.-Koshuharova-Koseva R, Elefant D, Hofmann A, et al. Fullerenes Nanotubes and Carbon Nanostructures 15 (2): 89-87 (2007).
- 106.133.- Ivanovskaya VV, Kohler C, Seifert G. Phys. Rev. B75: 075410 (2007).
- 106.134.-Moran-Lopez JL. Rev. Mex. Fis. S53 (1): 37-42 (2007).
- 106.135.-Ivanovskaya VV, Kohler C, Seifert G. Phys. Rev B 75 (7): 075410 (2007).
- 106.136.- Ruskov T, Spirov I, Ritschel M, Muller C, et al. Bulg. J. Phys. 34: 1-16 (2007).
- 106.137.-Shpak AP, Kolesnik SP, Mogilny GS, et al. Acta Materialia 55 (5):1769-1778 (2007).
- 106.138.- Koshuharova-Koseva R, Hofmann A, Leonhardt A, et al. Fullerenes Nanotubes and Carbon Nanostructures 15 (2): 135-143 (2007).
- 106.139.-Zhu H, Lin H, Guo H, Yu L. Materials Science and Engineering B: Solid State Materials for Advanced Technology. 138 (1): 101-104 (2007).
- 106.140.-Li Y, Kaneko T, Ogawa T, Takahashi M, Hatakeyama R. Chemical Communications (3): 254-256 (2007).
- 106.141.-Monch I, Kozhuharova-Koseva R, Rummeli M, et al. Journal of Physics: Conf. Series 61(1) art. no. 163, 815-819 (2007).
- 106.142.-Mdahrri A, Brosseau C, Carmona E. Journal of Appl. Phys. 101 (8):084111 (2007).
- 106.143.-Ying Xiong, Jing Ye, Xiaoyu Gu, Qianwang Chen. J. Mag. Mag. Mat. Jun 2007.
- 106.144.-Bakandritsos A, Bourlinos AB, Tzitzios V, et al. Advanced Functional Materials. 17 (8): 1409-1416 (2007).
- 106.145.-Lin He, Chinping Chen. PRB 75 (18): 184424 (2007).
- 106.146.-Wang WX, Wang KL, Lv RT, et al. Carbon 45 (5): 1127-1129 (2007).
- 106.147.-Xiong Ying, Ye Jing, Gu Xiaoyu, et al. J. of Mag. And Mag. Mat. (2007).
- 106.148.-Toledo NC, Planque MRR, Contreras SA, et al, Japanese Journal of Applied Physics Part 1. 46 (4B):2799-2805 (2007).
- 106.149.-Wu H, Zhang R, Liu X, Lin D, Pan W. Chemistry of Materials 19 (14): 3506-3511 (2007)
- 106.150.-Zhong K, Zhang Z, Shen B, et al. Solid State Phenomena 121-123: 1081-1084 (2007).
- 106.151.-Teodorescu CM, Macovei D, Lungu A, Van der Laan G. 2007 NSTI Nanotechnology Conference and Trade Show NSTI Nanotech 2007, Technical Proceeding 1, pp 377-380.
- 106.152.-Lv RT, Cao AY, Kang FY, et al. J.of Physical Chemistry C111 (30): 11475-11479 (2007).
- 106.153.-Xiang R, Luo GH, Qian WZ, et al.Advanced Materials. 19 (17):2360 (2007).
- 106.154.-Xiong Ying, Ye Jing, Gu Xiaoyu, et al. J. of Mag. and Mag. Mat. 320: 107-112 (2008).
- 106.155.-Abrams ZR, Szwarcman D, Lereah Y, et al. Nanotechnology 18: 495602 (2007).
- 106.156.-Ying Y, Jiaoning T, Yikun S, Xiaozhong G. New Chemical Materials. 35 (2): 16-18 (2007).
- 106.157.-Mi Y, Liu Y, Yuan, D, Zhang J, Xian Y. J of Materials Science. 40: 3635-3638 (2005).
- 106.158.-Jang J-W, Lee KW, Oh IH, et al. Solid State Comm. 145, 561-564 (2008),
- 106.159.-Wang Junhua, Chulsu Jo, and Ruqian Wu. APPLIED PHYSICS LETTERS **92**, 032507 \_2008\_
- 106.160.-Muller C, Elefant D. Leonhardt A, and Buchnerd B. J. of Appl. Phys. 103, 034302 (2008).
- 106.161.-Du GH, Li WZ, Lin YQ. Journal of Physical Chemistry C 112 (6): 1890-1895 (2008).
- 106.162.-Jang JW, Lee KW, Lee EM, et al. Journal of the Korean Physical Society. 52, S75-S779 (2008).
- 106.163.-Dabagov SB, Ferrario M, Palumbo L, et al. International Journal of Modern Physics A 22 (23), 4280-4309 (2007).
- 106.164.-Mahanandia P, Nanda KK, Prasad V, et al. Materials Research Bulletin. 43 (12); 3252-3262 (2008).

- 106.165.-NANO AND MOLECULAR ELECTRONICS, handbook. Edited by Sergey Edward Lyshevsi. CRC Press. Taylor and Francis Group.
- 106.166.-Schaper AK, Hou H, Treutmann W, Philipp F. Journal of Metastable and nanocrystalline Materials Vol. 2005. Scientific.net
- 106.167.-Heresanu V, Castro C, Cambedouzou J, et al. Journal of Physical Chemistry C. 112 (9): 7371-7378 (2008).
- 106.168.-Diaz-Castanon S, Faloh-Gandarilla JC, Muñoz-Sandoval E, and Terrones M. Superlattices and Microstructures 43, 482-486 (2008).
- 106.169.-Jakubineck MB, White MA, Watts PCP, and Carey D. Materials Research Soc. Paper: no. 1022-1103-06. Spring 2007.
- 106.170.-Jorge J, Flahaut E, Gonzalez-Jimenez F, et al. Chemical Physics Letters. 457, (4-6): 347-351 (2008).
- 106.171.-Pensabene V, Vittorio O, Raffa C, et al. IEEE Transactions on Nanobioscience 7, (2), 105-110 (2008).
- 106.172.-Zhang KW, Meng LJ, LiJ, et al. Acta Physica Sinica 57 (7): 3247-4355 (2008).
- 106.173.-Burch HJ, Contera SA, de Planque MRR, et al. Nanotechnology 19 (38): 384001 (2008).
- 106.174.-Shi CX, Cong HT. Journal of Applied Physics 104 (3): 034307 (2008).
- 106.175.- M Terrones. Controlled production of tubular carbon and BCN architecture, in Carbon Filaments and nanotubes: Common Origins, Differing Applications? Edited by LP. Biro, et al. NATO Science Series Vol. 372.
- 106.176.-Chulsu Jo, Jae II Lee. J of Magnetism and Magnetic Materials. 329 (23): 3256-3260 (2008).
- 106.177.-H. Morimoto, Tomofumi Ukai, Yutaka Nagaoka, et al. Phys. Rev E 78, 021403 (2008).
- 106.178.-Qingfeng Liu, Zhi-Gang Chen, Bilu Liu, Wencai Ren, et al. Carbon 46 1892-1902 (2008).
- 106.179.-Xuchun Gui, Kunlin Wang, Wenxiang Wang, et al. Material Chemistry and Physics. Doi: 10.1016/j.matchemphys.2008.08.032
- 106.180.-Klingeler R, Hampel S, Buchner B. International Journal of Hyperthermia 24 (6): 496-505 (2008).
- 106.181.-Okotrub AV, Belavin VV, Bulusheva LG, et al. Journal of Experimental and Theoretical Physics. 107 (3): 517-525 (2008).
- 106.182.-Dingsheng Yuan, Yingliang Liu, Yong Xiao, Liqiang Chen. Material Chemistry and Physics. 112 27-30 (2008).
- 106.183.-Gonzalez J, Power C, Belandria E, et al. High Pressure Research 28 (4): 577-582 (2008).
- 106.184.-Narayanan TN, Sunny V, Shaijumon MM, et al. Electrochemical and Solid State letters 12 (4): K21-K24 (2009).
- 106.185.-Ruitao Lv, Shinji Tsuge, Xunchun Gui, et al. Carbon. Carbon. 47 (4), 1141-1145 2009.
- 106.186.-Fan X, Guan JG, Wang W, et al. Progress in Chemistry 21 (1): 143-151 (2009).
- 106.187.-Shrestha NK, Macak JM, Schmid-Stein F, et al. Angewandte Chemie-International Edition. 48 (5); 969-972 (2009).
- 106.188.-Gui XC, Wang KL, Wang WX, et al. Material Chemistry and Physics 113 (2-3): 634-637 (2009).
- 106.189.-Soldano G, Mariscal MM. Nanotechnology 20 (16): 165705 (2009).
- 106.190.-Lipert K, Kretzschmar F, Ritschel M, et al. Journal of Applied Physics 105 (6): 063906 (2009).
- 106.191.-Jo. C. Journal of Physics D- Applied Physics. 42 (10); 105008 (2009).
- 106.192.-Zeleny M, Sob M, Hafner J. Phys. Rev- B. 79: 134421 (2009).
- 106.193.-He CN, Tian F, Liu SJ. Materials Letters. 63 (15): 1252-1254. (2009).
- 106.194.-Lin K.-S, Wang Z.-P, Chowdhury S, et al. Thin Solid Films 517 (17): 5192-5196 (2009).
- 106.195.-Woan K, Pyrgiotakis G, Sigmund W. Advanced Materials. 21, 1-7 (2009).
- 106.196.-Taylor A, Lipert K, Kramer K, et al. Journal of Nanoscience and Nanotechnology 9 (10): 5709-5716 (2009).
- 106.197.-Mahanandia P, Prakash Arya V, Nanda KK, Bhotla PV, Subramanyam V. Materials Science and Engineering B. DOI: 10.1016/j.mseb.2009.08.013 , vol 164 (3): 140-150 (2009).
- 106.198.-Weissker U, Loffler M, Wolny F, et al. Journal of Applied Physics 106 (5) 054909 (2009).
- 106.199.-Y Xiao, BE Zhu, et al. Nuclear Instruments and Methods in Physics Research Sec B: Beam Interactions with Materials and Atoms. 267 (18): 3067 (2009).
- 106.200.-Lyubutin IS, Frolov KV, Anosova OA, et al. Journal of Experimental and Theoretical Physics 109 (2): 254-261 (2009).
- 106.201.-Wang SJ, Wang ZY, Zha ZG. Dalton Transactions. 43: 9363- 9373 (2009).
- 106.202.-Cambedouzou J, Heresanu V, Castro C, et al. European Physical Journal B, 72 (1): 145-151 (2009).

- 106.203-.Gao DQ, Zhou XQ, Xu Y, et al. Solid State Communications 150 (1-2) 127 (2010).
- 106.204-.Zhang JM, Chen LY, Wang SF, et al. Eur. Phys. Journal B. 73 (4): 555-561 (2010).
- 106.205-.Jorge J, Gonzalez-Jimenez F, Flahaut E, et al. Escuela Franco Venezolana de nanotecnología. Nov. 2-6, 2009.
- 106.206-.Díaz-Castañon, S, Faloh-Gandarilla JC. Revista Cubana de Fisica. 26 (1): 97-100 (2009).
- 106.207-.Mizuki T, Watanabe N, Nagaoka Y, et al. Biochemical and Biophysics Research Communications. 393 (4): 779-782 (2010).
- 106.208-.Hudziak S, Darfeuille A, Zhang R, et al. NANOTECHNOLOGY 21 (12): 125505 (2010).
- 106.209-.Banhart F. NANOSCALE 1(2):201- 213. (2009).
- 106.210-.Zhu B, Wang YX, Pan ZY, et al. Eur. Phys. J. D. DOI: 10.1140/epjd/e2010-00046-3 (2010).
- 106.211-.Ray SC, Bhattacharyya S, Wu SL, et al. Diamond AND Related Materials. DOI: 10.1016/j.diamond.2010.01.031 (2010).
- 106.212-.Srivastava SK, Vankar VD, Kumar V. Nano-MicroLetters 2 (1), 42-48 (2010).
- 106.213-.Morelos Gomez A, Lopez Urias F, Muñoz Sandoval E, et al. J. Materials Chemistry. 20, 5906 (2010).
- 106.214-.Meneses Rodriguez D, Muñoz E, Ramirez G, et al. Journal of Nanoscience and Nanotechnology 10, 5576 (2010).
- 106.215-.Su-Fang Wang, Yan Zhang, Li-Yong Chen, et al. Phys. Status Solidi A, 1-7 (2010)/ DOI 10.1002/pssa.201026157.
- 106.216-.Weissker U, Hampel S, Leonhardt A, Butchner B. MATERIALS 2010, 3 (8), 4387, doi: 10.3390/ma3084387.
- 106.217-.Garcia JA, Bertran E, Elbaile L, et al. Physica Status Solidi © 7 (11-12), 2679 (2010).
- 106.218-.Gautam UK, Costa PMFJ, Bando Y, et al. Science and Technology of Advanced Materials 11 (5), 054501 (2010).
- 106.219-.Buluy O, Nepijko S, Reshetnyak V, et al. Soft Matter. 7 644 (2011).
- 106.220-.Su-Fang Wang, Yan Zhang, Li-Yong Chen, Jian-Min Zhang, Ke-Wei Xu. Physica Status Solidi A 208, 97 (2011).
- 106.221-. Arthur Wesphal Taylor. Thesis Fakultat Mathematik und Naturwissenschaften der Technischen Universitat Dresden. (2010).
- 106.222-.Jha Himendra, Schmidt-Stein F, Shrestha NK, et al. Nanotechnology 22 (11): 115601 (2011).
- 106.223-.Grechnev GE, Desnenko VA, Fedorchenko AV, et al. Materials Science and Engineering Technology 42 (1): 29-23 (2011).
- 106.224-.Grechnev GE, Desnenko Va, Fedorchenko YA, et al. Low Temperature Physics 36 (12): 1086-1090. (2010).
- 106.225-.A. Garcia Fuentes, VM Garcia Suarez, J Ferrer, A Vega. arXiv:1103.2095v1. 2011
- 106.226-.Legagneux Pierre Le Mesnil Denis, Xavier Stephane. European Patent EP 1932806. 2010.
- 106.227-.Grechnev GE, Desnenko VA, Fedorchenko, et al. Materialwissenschaft und werkstofftechnik 42 (1): 29-32. (2011).
- 106.228-.Wang SF, Zhang Y, Chen LY, et al. Physica Status Solidi A. 208 (1): 97 (2011).
- 106.229-.Tokuda K, Nagaoka Y, Sakamoto Y, et al. Appl. Electromagnetics and Mechanicas(II) Book series: JSAEM STUDIES IN APPLIED ELECTROMAGNETICS AND MECHANICS 13: 661, (2009).
- 106.230-.Higashi T, Nagaoka Y, Minegishi H, et al. Chemical Physics Letters, doi:10.1016/j.cplett.2011.03.017
- 106.231-.Kuryliszyn-Kudelska I, Malolepszy A, Mazurkiewicz M, et al. Acta Physica Polonica A. 119, 5 (2011).
- 106.232-.Zhiyu Wang, Zongbin Zhao, Jiesha Qiu. Progress in Chemistry. 18(05) 563-572 (2006).
- 106.233-.Krahne R, Morello G, Figuerola A, et al. Physics Reports-Review: Section of Physics Letters 501 (3-5) 75 (2011).
- 106.234-.Lee CH, Yang CK. J of Physical and Chemistry C 115 (21): 10524-10530 (2011).
- 106.235-.Garcia-Fuentes A, et al. Journal of Physics-Condensed Matter. 23(26): 265302 (2011).
- 106.236-.Mel AA, Gautron E, Angleraud B, et al. Carbon. Doi: 10.1016/j.carbon.2011.06.001
- 106.237-.Dandia A, Parewa V, Kumar A, et al. Green Chemistry. Doi: 10.1039/C1GC15244K (2011).
- 106.238-.Jiang Y, Zhang J, Hang Qin Y, et al. Journal of Power Sources. 196 (22). 9356 (.2011).
- 106.239-.Bezi-Javan M, Tajabor N. J. Magn. Mag. Mat 324 (1): 52-59 (2011).
- 106.240-.Li Shu-Li, Zhang Jian-Min. Acta Physica Sinica 60 (7) 078801 (2011).
- 106.241-.Olenic L, Pruneanu S, Almasan V, et al. Nanofibers. Book edited by Ashok Kumar. ISBN 978-953-7619-86-2 INTECH, Croatia, SCIYO.COM. Feb 2010.

- 106.242.-Fan Xi'anGuan Jianguo, Wang Wei, Wang Yilong , Tong Guoxiu, Mou Fangzi. Microstructure Control and magnetic Properties of 1D ferromagnetic metal Materials Progress in Chemistry 2009, 21(1): 143-151.
- 106.243.-Ritter U, Scharff P, Grecnev GE, et al. CARBON 49 (13): 4443 (2011).
- 106.244.-Wang Z, Zhu J, Chen X, et al. Journal of Alloys and Compounds. Vol 511 (1), 257 (2012).Doi: 10.1016/jallcom.2011.09.047.
- 106.245.-Javan M, Benzi, Tajabor N. J. of Magnetism and Magnetic Materiale. 324 (1): 52-59 (2012).
- 106.246.-Mohamed RM, McKinney DL, Sigmund WM. Materials Science and Engineering R. doi: 10.1016/j.mser.2011.09.001.
- 106.247.-Meneses-Rodriguez D, Muñoz-Sandoval E, et al. J. nanoscience and Nanotechnology. 10 (9): 5576 (2011).
- 106.248.-Linganiso Ella C, Chimowa G, Franklyn P, et al. Material Chemistry and Physics. 132 (2-3). 300-308 (2012).
- 106.249.-Ge Gui-xian Jing Qun, et al Journal of Cluster Science. DOI: 10.1007/s10876-011-0419-xOnline First™
- 106.250.-Das Paramita, Butcher RJ, Mukhopadhyay Ch. Green Chem. doi: 10.1039/C2GC16641K. (2012)
- 106.251.-Su-Fang Wang, Li-Yong Chen, Jian-Min Zhang, et al. Superlattices and Microstructure. 51 (6): 754.Doi: 10.1016/j.spmi.2012.03.023.
- 106.252.-Ye Huaiying, Li Wen, Li Weishi. Chinese Journal of Organic Chemistry. 32 (2): 266-283 (2012).
- 106.253.-Dillon FC, Bajpai A, Koos A, et al. Carbon. Doi.org/10.1016/j.carbon.2012.03.040.
- 106.254.-Marcoux p. Universitw d'Angers. 2002 No 527. Theses de doctorat.
- 106.255.-Su Jun, Gao Yihua, Sun Min, et al. Micro & Nanoletters 7 (3): 271-274 (2012).
- 106.256.-Lyubitin IS, Anosova OA, Frolov KV, et al. Carbon 50(7): 2628-2634. (2012).
- 106.257.-Zhang Zhibin, Guo Jiuyu, Fu Jie, et al. J. of Cluster Science. 23 (2): 177-202 (2012).
- 106.258.-Dai Y, Ren Y, Liu Q. Journal of Nanosciences an nanotechnology. 12 (3): 2472 (2012).
- 106.259.-Huaiying Ye,Wen Li, Weishi Li. Chin. J. Org. Chem. 32, 266-283 (2012).
- 106.260.-Fomine S. J. Nanopart. Res. 14:979 (2012).
- 106.261.-Zhou Yong-sheng, Zhu Ying-chun, et al. Material letters . doi.org/10.1016/j.matlet.2012.07.045
- 106.262.-Dillon FC, Bajpai A, Koos A, et al. Carbon 50 (10): 3674 (2012).
- 106.263.-M. Byshkin, Zhu B, Hou M. J. Of Materials Science doi: 10.1007/s10853-012-6808-1 (2012).
- 106.264.-Naranayan TM. Cochin University o Science and Technology. 2009. <http://hdl.handle.net/10603/3527>.
- 106.265-. Du Yu-Guang, Zhang Kai-Wang, Peng Xiang Yang, et al. Acta Physica Sinica 61 (17) 176102 (2012).
- 106.266-. RG Mendes, A Bachmatiuk, B Buechner, et al. Journal of Materials Chemistry B. doi: 10.1039/c2tb00085g.
- 106.267-. Y Han, R. Li, Y. Ge, J Domg, J. Applied Phys. 113, 234303 (2013).
- 106.268-.A. Briones-Leon, P. Ayala, X. Liu, K. Yanagi... Phys. Rev.B. 87, 195435 (2013).
- 106.269-. AG, Osorio, et al. Applied Surf. Science. 264, 794 (2013).
- 106.270-.Z. He, et al. J. Mater. Chem. B, 1, 1673 (2013).
- 106.271-. H. Sato, et al. Jap. Journal of Appl. Phys. 52, 11S, 11NL03 (2013).
- 106.272-.I Sameera, et al. Physica E. 52, 1, (2013).
- 106.273-.ZY, Zhang, et al. Nanaoscal, 5, 11902 (2013).
- 106.274-.N. Jeong, et al. Mate. Characterization, 89, 69 (2013).
- 106.275-.T. Mizouki, et al. PLOS ONE, 8, 6, e66528 (2013).
- 106.276-.Y Katsube, et al. The Journal of Supercritical Fluids. 83, 1, (2013).
- 106.277-.R. Ansari, et al. Superlattices and Microstructure. 64, 220 (2013).
- 106.278-. S. Sedaghat, et al. Fullerenes, Nanotubes and Carbon Nanostructures doi: 10.1080/1536383X.2013.868805.
- 106.279-.X. Huang, et al. J. Mol. Model. Doi 10.1007/s00894.013.1781.4 (2013).
- 106.280-.R. Krahne, et al. Phys. Prop. Of Nanorods. Nanoscience and Tech. doi: 10.1007/978-3-3.642.36430-3\_5 (2013).
- 106.281-. M. Byshkin, et al. J. Mat Science. 48: 866 (2013).
- 106.282-.A. Morelos, et al. Springer Handbook of Nanomaterials, doi 10.1007/978-3-642-20595-8\_6 (2013).
- 106.283-.X. Zhan, et al. RSC Adv., 3, 15966 (2013).
- 106.284-. K. Adhikari, et al. Phys. Lett. A, 377, 34-36, 2147 (2013).

- 106.285-.AL. Danilyuk, et al. Carbon, 68, 33 (2014).
- 106.286-.H. Sato, et al. J. of Vacuum Science & T. 32: 2. Doi.org/+10.1116/1.4827822 (2014).
- 106.287-. YH Zhang, et al. Current Physical Chemistry 3, No. 4, 441 (2013).
- 106.288-. FS Boi, et al. Microscopy and Microanalysis. 19, 05, 1298 (2013).
- 106.289-.C. Paduani, J. Solid State Chem. 201, 204 (2013).
- 106.290-. Y. Fujiwara, et al. J. Vac. Sci. Technol. A. 32, 02B114 (2014).
- 106.291-.R. Singh. JMMM. 346, 58 (2013).
- 106.292-.AO, Monteiro, et al. Diamond and Related Materials. 44, 11 (2014).
- 106.293-.IV, Ovsienko, et al. Material Science General & iIntroductory Materials Science. 44, 2-3, 161 (2013).
- 106.294-.SC. Kweon, et al. Marerial Research Bull. 48, 3. 948 (2013).
107. Reliability of Normal-State I-V Characteristics as an Indicator of Tunnel Junction Barrier Quality. B.J.Jonsson-Akerman, R. Escudero, C. Leighton, S. Kim, Ivan K. Schuller, and R. A. Rabson. Appl. Phys, Lett.77 (12), 1870 (2000).
- 107.1-.Bowse M, et al. Submitted to Appl. Phys. Letts. Feb 2001.
- 107.2-.Rabson DA, et al. J. Appl. Phys. 89, 2789 (2001).
- 107.3-.May U, Samm K, et al. Appl. Phys. Lett. 78, (14 ) 2026 (2001).
- 107.4-.Egelhoff WF, Gan L, Chen PJ, et al. Procc Spring MRS Meeting Simposium Proceeding 674 T1.2.1-T1.2.5 (2001).
- 107.5-.Rottlander P, Hehn M, Lenoble O, and Schuhl A., Appl. Phys. Lett. 78, 3274 (2001).
- 107.6-.Rudiger U, Calarco R, et al. J. Appl. Phys. 89 (11), 7573 (2001).
- 107.7-.Taddei F, Sanvito S, and Lambert CJ. J. Low Temp. Phys. 124, 305 (2001).
- 107.8-.J. J Akerman, J.M. Slaughter, Renu Whig Dave, I. K. Schuller. Appl. Phys. Lett 79, 3104 (2001).
- 107.9-.W. H. Rippard, et al. Phys. Rev. Lett 88, 046805 (2002).
- 107.10-.P. Rottlander, M. Hehn, and A. Schuhl. Phys. Rev. B65, 054422 (2002).
- 107.11-.Price EP, Smith DJ, Dynes RC, et al Appl. Phys. Lett. 80, 285 (2002).
- 107.12-.George PK, Wu Y, White RM, Murdock E, Tondra M. Appl. Phys. Lett 80l, 682 (2002).
- 107.13-.Cabrera GG, and Garcia N. Appl. Phys. Lett. 80, 1782 (2002).
- 107.14-.Rippard WH, et al. Phys. Rev. Lett. 88, 046805 (2002).
- 107.15-.Kikuchi H, Sato M, Kobayashi K. Fujitsu Scientific & Technical Journal 37:(2), 183 (2001).
- 107.16-.Batlle X, and Labarta A. J. Phys. D. Appl. Phys. 35, R15 (2002).
- 107.17-.Guerrero R, et al. J. Phys. D: Appl. Phys. 35, 1761 (2002).
- 107.18-.Buchanan JDR, et al. Apl. Phys. Lett. 81(4), 751 (2002).
- 107.19-.Akerman JJ, Guedes I, Leighton C, et al. Phys. Rev B65 (10), 104432 (2002).
- 107.20-.Dorneles LS, Sommer RL, Schelp LF. J. Appl. Phys. 91 (10), 7971 (2002).
- 107.21-.Dorneles LS, Schaefer DM, Carara M, Schelp LF. Appl. Phys. Lett. 82, 2832 (2003).
- 107.22-.Gloos K, Koppinen PJ, Pekola JP. J. Phys. Condens Matt 15(10), 1733 (2003).
- 107.23-.Hanbicki AT, van't Erve OMJ, Magno R, et al. Appl. Phys. Lett. 82 (23), 4092 (2003).
- 107.24-.Jonker BT. Proceedings of the IEEE, 91 (5), 727 (2003).
- 107.25-.Akerman JJ, Roshchin IV, Slaughter JM, et al. Europhys. Lett., 63 (1), 104 (2003).
- 107.26-.Oliver B, He Q, Tang X, Nowak J., J. of Appl. Phys. 94(3), 1783 (2003).
- 107.27-.Svistunov VM, Revenko YF, et al. J. Phys. Soc. Japan. 72(8), 2124 (2003).
- 107.28-.Adams LLA, Christiansen C, Goldman AM. Appl. Phys. Lett. 83 (19), 4029 (2003).
- 107.29-.Jian X, Panchula AF, Parkin SSP. Appl. Phys. Lett. 83 (25), 5244 (2003).
- 107.30-.Zhang Z, Rabson DA. J. Appl. Phys. 95 (1), 199 (2004).
- 107.31-.Zhang Z, Rabson DA. J. Appl. Phys. 95 (2), 557 (2004).
- 107.32-.Rottlander P, Hehn M, et al. Phys. Rev. B 69 (6), 064430 (2004).
- 107.33-.van 't Erve OMJ, Kioseoglou G, Hanbicki AT, et al. Appl. Phys. Lett. 84(21), 4334 (2004).
- 107.34-.Li CH, Kioseoglou G, van 't Erve OMJ, et al. Appl. Phys. Lett. 85 (9), 1544 (2004).
- 107.35-.Georgieva MT, et al. J. Appl. Phys. 96, 2923 (2004).
- 107.36-.Baier-Saip JA, Avila JI, Tarrach G, et al. Surface and Coating Technology 195 (2-3), 168 (2005).
- 107.37-.Klapwijk TM Proceeding of SPIE- The International Society for Optical Engineering Vol. 5112, 185-195, (2003).
- 107.38-.Hanbicki AT, Stroud RM, Magno R. et al. Digest of the Intermagn Conference CD05 (2003).

- 107.39-. Burgler DE, Gareev RR, Pohlmann LL, et al. Molecular Physics Reports. 40 (2004) 13-22.
- 107.40-. Wu Yihong. Nano Spintronics for Data Storage. ENN, Encyclopedia of Nanosciences and Nanotechnology. 2004. Vol. 7, 493-544. American Scientific Publishers. Ed. HS Nalwa.
- 107.41-. Taddei F, Sanvito F, Lambert CJ. Journal of Computation and theoretical Nanoscience 2 (1), 132-137 (2005).
- 107.42-. Jedema FJ. Electrical Spin Injection in Metallic Mesoscopic Spin Valves. Thesis Groningen Rijks Universiteit. Dec. 2002.
- 107.43-. Saldarriaga W, Moran O, Prieto P, Baca E. Phys. Stat. Sol. (c) No. 10, 3618-3621 (2005).
- 107.44-. Perez-Junquera A, Gonzalez EM, Gonzalez MP, et al. J. Physics and Chemistry of Solids. 67 (1-3): 381-383 (2006).
- 107.45-. Giazotto F, Heikkila TT, Luukanen A, Savin AM, Pekola JP. Reviews of Modern Physics 78(1):217-274 (2006).
- 107.46-. Mukhopadhyay S, Das I. Phy. Rev. Lett. 96, 026601 (2006).
- 107.47-. Dumm Martin. Thesis Universitat Regensburg "Herstellung characterisierung vollstandig epitaktischer magnetischer tunnlelements mit halbleit5erbarriere" Mai 2005.
- 107.48-. Hagler Thomas. Thesis Universitat Regensburg "Der magnetische tunneltransistor mit epitaktischer Schottkybarriere" 2005.
- 107.49-. Mukhopadhyay S, Das I. Physical Review Letters 96 (2): Art. No. 026601 (2006).
- 107.50-. Braden Jazcek G. Determining Spin Polarization oof Ferromagnets Using Superconducting Spectroscopy. Florida State Univ. Ph D These 2006.
- 107.51-. Gan Li. Magnetic Domain Memory Cell and Magnetoresistive Thin Films. Thesis Disertation 2004. University of Maryland
- 107.52-. Akerman J, DeHerrera M, Slaugther JM, et al. IEEE Transactions on Magnetics. 42 (10):2661-2663 (2006).
- 107.53-. Saldarriaga W, Moran O, Baca E. Physica C 449 (2): 87-90 (2006).
- 107.54-. Miller CW, Li ZP, Schuller IK, et al. Phys. Rev. B 74, 212404 (2006).
- 107.55-. Gonzalez EM, Fologueras AD, Escudero R, et al. New Journal of Physics 9: 34 Feb 21 (2007).
- 107.56-. Holub M, Saha D, Bhattacharya P. J Vacuum Science and Techn B: Microelectronics and Nanometer Structures 25 (3): 1004-1008 (2007).
- 107.57-. Chen Xi, Victora RH. Appl. Phys. Lett. 91, 212104 (2007)
- 107.58-. Ju Y, Shen R, Zheng ZM, Xing DY. Physics Letters A 371 327-331 (2007).
- 107.59-. Miller CW, Schuller IK, Dave RW, et al. J of Appl. Phys. 103, 07A904 (2008).
- 107.60-. Holmqvist T, Meschke M, Pekola JP. J of Vacuum Science and Tech, B: Microelectronics and Nanometer Structures. 26 (1):28-31 (2008).
- 107.61-. Ventura J, Teixeira JM, Araujo JP, et al. Journal of Applied Physics. 103 (7): 07A909 (2008).
- 107.62-. Riminiucci A, Bergenti I, Hueso LE, Murgia M, et al. ArXiv:cond-mat/701603v1 Jan (2007).
- 107.63-. Buschow KHJ. Handbook of Magnetic Materials Elsevier Science & Technology ISBN: 0444530223
- 107.64-. Ventura J, Teixeira JM, Araujo JP, et al. Phys. Rev. B. 78 024403 (2008).
- 107.65-. Hauch JO, Fonin M, Fraune M, et al. Applied Physics letteras. 93 (8): 083512 (2008).
- 107.66-. Liu Y, Watson SM, Lee T, et al. Phys. Rev B. 79, 075312 (2009).
- 107.67-. Kloseogiou G, Hanbicki AT, Goswami R, et al. Appl. Phys. Lett. 94 (12): 122106 (2009).
- 107.68-. Vogel A, Wulfhorst J, Meier G. Appl. Phys. Lett. 94 (12): 122510 )2009).
- 107.69-. Miller CW, Beyles DD. Journal of Applied Physics. 105, 094505 (2009).
- 107.70-. Zhou Y, Ogawa M, Bao MQ, et al. Applied Physics Letters. 105: 242104 (2009).
- 107.71-. Bhutta KM, Schmalhorst J, Reiss G. J. Magnetism and Magnetic Materials 321(20) 3384-3390 (2009).
- 107.72-. Moran O, Saldarriaga W, Baca E. Materials Letters. 63 (21) 1837-1839 (2009).
- 107.73-. Zakharov Andrey, Dissertation. Johannes Gutenberg-Universitat, Mainz. 2008.
- 107.74-. Fabrie C.G.Ch. H.M. Towards Nanoscale Magnetic Memory Elements. Eindhoven Univeristy of Technology. ISBN 978-90-386-1214-0. 2008.
- 107.75-. Hagler Thomas. Dissertation. Universitat Regensburg 2005.
- 107.76-. van't Erve OMJ, Awo-Affouda C, et al. IEEE Transactions on Electron Devices 56 (10): 2343 (2009).
- 107.77-. Li CH, Kioseoglou G, van 't Erve OMJ, et al. Applied Physics Letters 95 (17): 172102 (2009).
- 107.78-. Popinciuc M, Jozsa C, Zomer PJ, et al. Phys. Rev.B. 80, 214427 (2009).
- 107.79-. Kurebayashi H, Trypiniotis T, Lee K, et al. Appl. Phys. Lett. 96, 022505 (2010).

- 107.80.-Ayelet Vilan, O. Yaffe, A. Biller, et al. Advanced Materials. 22 (2): 140-159 (2009).
- 107.81.-Guerrero R, Aliev FG, Villar R, et al. Phys. Rev. B.81, 014404 (2010).
- 107.82.-Ventura J, Teixeira JM, Araujo R, et al. J. Nanoscience and Nanotechnology. 10 (4): 2731-2734 (2010).
- 107.83.-Moran O, Saldarriaga W, Baca E. Physica C 470 (2): 174-177 (2010).
- 107.84.-Victora RH, Chen X. IEEE Transactions on Magnetism EG., AB-02 2010.
- 107.85.-Sundar Manoharan S, Chandra V. J. Journal of Applied Physics. 48, 103001 (2009).
- 107.86.-Bhutta KM. PhD Thesis in Physics. Universitat Bielefeld. Sept. 2009.
- 107.87.-Shpaisman H, Har-Lavan R, Stein N, et al. Advenced Functional Materials 20 (13) 2181 (2010).
- 107.88.-J. Wulfhorst, A. Vogel, N. Kuhlmann, U. Merkt, and G. Meier. Quantum Materials, Lateral semiconductor nanostructures, hybrid systems and nanocrystals. Nanoscience and Technology 2010, 327-351, DOI 10.1007/978-3-642-10553-1\_13.
- 107.89.-Dempsey KJ, Hindmarch AT, Wei HX, et al. Phys. Rev. B. 82 214415, (2010).
- 107.90.-Bhutta KM. Microscopy: Science, Technology, Applications and Education. 2022- 2026. A. Mendez-Vila and J. Diaz (Eds). Formatex 2010.
- 107.91.-Gan Li. Magnetic Domain memory Cell and Magnetoresistive Thin Films. Theses. U. Maryland 2004.
- 107.92.-Yi Zhou, Wei Han, LiTe Chang, et al. arXiv: 1103.5095v1 (2011).
- 107.92.-Li CH, van't Erve OMJ, Jonker BT. Nature Communications 2, 245 (2011).
- 107.93.-Muduli PK, Heinonen OG, Akerman J. Phys. Rev. B 83, 184410 (2011).
- 107.94.-Saito T, Tezuka N, and Sugimoto S. IEEE Transactions on magnetic 47 (10): 2447 (2011).
- 107.95.-Zhou Yi, Han Wei, Chang Li-Te, et al. Phys. Rev. B. 84 (12) 125323 (2011).
- 107.96.-Cobas Enrique, Friedman AdamL, et al. Nanoletters 12 (6): 3000-3004 (2012).
- 107.97.-de Gracia ESC, et al. RIDTEC 8 (1): 26 (2012).
- 107.98.-Singh BB, Chaudhary S, and Pandya DK. Material Research Society. Doi.org/10.1016/jmaterresbull.2012.06.020.
- 107.99.-YR Lai, KF Yu, YH Lin, JC Wu, JJ Lin - Arxiv preprint arXiv:1208.3069, 2012 - arxiv.org
- 107.100.-J. Tarun, S. Huang, Y Fukuma, et al. Applied Physics Express 5 045001. 2012
- 107.101.-H. Kum, J. Heo, S. Jahangir, et al. Applied Physics Letters 100, 18, 182407-4 (1012).
- 107.102.-OMJ van't Erve, AL Friedman, E Cobas, et al. Nature Nanotechnology doi: 10.1038/nnano.2012.161.
- 107.103.-Lai YU-Ren, Yu Kai-Fu, et al. AIP ADVANCES 2 (3): 032155 (2012).
- 107.104.-P. Bruski, et al. Appl. Phys. Lett. 103, 5, 052406 (2013).
- 107.105.- W. Han, et al Nature, 2013.
- 107.106.-S. Zhang, et al. Nanoletters 13(2), 430 (2013).
- 107.107.-A. Dankert, et al. ACS Nano 8(1), 476 (2014).
- 107.108.-E. Cobas, et al. Magnetic IEEE 49 (7), 4343 (2013).
- 107.109.-P.Dey, et al. j of Appl. Phys. 115, 17C110 (2014).
- 107.110.-AL. Friedman, et al. Nature 2014.
- 107.111.- P. Dey, et al.arXiv preprint 10.1063/1.1633341 (2013).
108. Evidence of Vortex Tunnel Dissipation in Deoxygenated  $\text{YBa}_2\text{Cu}_3\text{O}_{6.4}$  Thin Films. Z. Sefrioui, D. Arias, F. Morales, C. Leon, R. Escudero, and J. Santamaria. Phys. Rev. B 63, 054509 (2001).
- 108.1.-Akerman JJ, Venturini EL, Siegal MP, et al. Phys. Rev B64, 094509 (2001).
- 108.2.-Kim GH, Shin M. Phys. Rev B66, 064515 (2002).
- 108.3.-Ortuño M, Somoza AM. Depto de Física Universidad de Murcia Spain (2005).
- 108.4.-Ivlev B, Pepe G, Latempa R, et al. Phys. Rev B 72 (9): 094507 (2005).
- 108.5.-Sumption MD, Haugan TJ, Barnes PN, et al. Phys. Rev B. 77 (9): 094506 (2008).
109.  $\text{RNi}_2\text{B}_2\text{C}$  (R=Ho, Dy, Tb, and Pr) Single Crystals Grown by the Cold Copper Crucible Method. A. Durán, E. Muñoz, S. Bernès, and R. Escudero. J. Phys: Condens. Matter. 12, 7595 (2000).
- 109.1.-Kuznietz M. J. Magn. Magn. Mater. 233: (3) 155 (2001).
- 109.2.-El Massalami M, Borges HA, Takeya H, Rapp RE, Chaves FAB. J. Mag. Mag. Mat. 279,5(2004).
- 109.3.-Schneider M, Gladun A, Kreyssig A, et al. J of Physics: Condens Matter. 20 (17), 175221 (2008).
- 109.4.-Galvan DH, Duran A, Amarillas AP, et al. Phys. Rev B. 74 (24): 245121 (2006).
- 109.5.-Duran A, Bernes S, Falconi R, e al. Phys. Rev. B. 74, 134513 (2006).

- 109.6.-Escamilla R, Duran A, Escudero R. Supercon. Science and Techn. 18 (7): 1003-1009 (2005).
- 109.7.-Falconi R, Duran A, Escudero R. Phys. Rev. B 65, 024505 (2002).
- 109.8.-Rainer Niewa, Larysa Shlyk, B. Blaschkowski. Zeitschrift fur Kristallographie. Doi: 10.1524/zkri.2011.1365
- 109.9.-Niewa R, Shlyk L, Blaschkowski B. Zeitschrift fur Krystallographie. 226 (4) 352-384 (2011).
- 109.10.-Morales F, Escudero R, Duran A. J. Low Temp. 153 (1-2): 15-25 (2011).
- 109.11.-Muller K -H, Schneider M, Fuchs G, et al. Handbook on the Physics and Chemistry of rare Earths. 38, 175-336. Chapter 239. Rare Earth nickel borocarbides.
110. XPS Analysis of Thin Insulating Barriers in Magnetic Tunnel Junctions. X. Batlle, B. J. Hattink, A. Labarta, B. J. Jonsson-Akerman, R. Escudero, and I. K. Schuller. In Magnetic Storage Systems Beyond 2000. 537-540. G. C. Hadjipanayis (ed.), Kluwer Academic Publishers, The Netherlands (2001).
111. Mixed-Phase  $W_xMo_yC_zS_2$  Nanotubes. W.K. Hsu, Y. Q. Zhu, C. B. Boothroyd, I. Kinloch, S. Trasobares, H. Terrones, N. Grobert, M. Terrones, R. Escudero, G. Z. Chen, C. Colliex, A. H. Windle, D. J. Fray, H. W. Kroto, and D. R. M. Walton. Chem. Mater. 12, 3541 (2000).
- 111.1.-Hsu WK, Zhu YQ, et al, Carbon 39 (7), 1107 (2001).
- 111.2.-Zhu YQ, Hsu WK, et al., Chem. Phys. Lett. 342, 15 (2001).
- 111.3.-Nath Manashi, et al. Chem. Phys. Lett. 352, 163 (2002).
- 111.4.-Zhu YQ, Hsu WK, Kroto HW, et al Chem. Commun 21, 2184 (2001).
- 111.5.-Chen Q, Du, GH, et al. Acta Crystallogr. B 58, 129 (2002).
- 111.6.-Pokropivnyi W, Powder Metallurg. and Metal Ceramics. 40 (11-12), 582 (2002).
- 111.7.-Zhu YQ, Hsu WK, et al. Journal of Phys. Chemistry B. 106 (31), 7623 (2002).
- 111.8.-Pokropivnyi VV, Powder Metall MeT C 41 (3-4): 123 (2002).
- 111.9.-Chen J, Li SL, Gao F, et al. Chem. Mater 15(4), 1012 (2003).
- 111.10.-Hofmann S, Ducati C, Robertson J. Adv. Mater: 14(24): 1821 (2003).
- 111.11.-Lou XW, Zeng HC. J. Am Chem. Soc. 125(9), 2697 (2003).
- 111.12.-Rao CNR, Nath M. Dalton T: 1-24 (2003).
- 111.13.-Whitby RLD, Hsu WK, Boothroyd CB, et al. Appl. Phys. A-Mater 76(4): 527 (2003).
- 111.14.-Chen J, Tho ZL, Li SL, Angew Chem. Int. Edit. 42 (19), 2147 (2003).
- 111.15.-Gabriel JCP, Davidson P. Colloid Chemistry I Topics in Current Chemistry 226, 119 (2003).
- 111.16.-Chen J, Tao ZL, Li SL, et al. ADV. MATER 15 (16): 1379 (2003).
- 111.17.-Ivanovskaya VV, Enyashin AN, et al.ar Xiv: Cond-mat/0304230 v1 10 Apr, 2003.
- 111.18.-Remskar M. Adv. Mater. 16 (17), 1497 (2004).
- 111.19.-Liu JK, Wu QS, Ding YP, et al. J of Material Research 19 (10), 2803 (2004).
- 111.20.-Jin YZ, Hsu WK, Chueh YL, et al. Angewandte Chemie-International Edition 43 (42): 5670 (2004).
- 111.21.-Enyashin AN, Ivanoskii AL. Russian Journal of Inorg. Chemistry. 49 (10), 1531 (2004).
- 111.22.-Zhang S, Chen Q, Peng LM. Phys. Rev. B 71(1), 014104 (2005).
- 111.23.-Pokropivny V. International Journal of Nanotechnology 1 (1-2) 170-192 (2003).
- 111.24.-Liu SM, Zhang WD, Liu Zl, et al. Appl. Catalysis A- General 287 (1): 108-115 (2005).
- 111.25.-Zakharova GS, et al. Uspekhi Khimii 74 (7): 651-685 (2005).
- 111.26.-Cao XB, Gu L, Wang WC, et al. J. Crystal Growth 286 (1): 96-101 (2006).
- 111.27.-Ivanovskaya VV, Heine T, Gemming S, Seifert G. Physica Status Solidi A 243 (8):1757-1764 (2006).
- 111.28.-Deepak FL. Cohen H, Cohen S. et al. J. of the American Chemical Society. 129 (41): 12549 (2007).
- 111.29.-Deepak FL, Popovitz-Biro R, Feldman Y, et al. Chemistry-AN Asian Journal. 3 (8-9): 1568 (2008).
- 111.30.-Zakharova GS, Volkov VL, Ivanovskaya VV, Ivanovskii AL. Russian Chemical Reviews 74(7): 587-618 (2005).
- 111.31.-Remskar Maja . In: Mechanical Properties of Complex Intermetallics. Vol. 4. ISBN: 978-981-4322-16-4. (2010).
112. Pinholes May Mimic Tunneling. D. A. Rabson, B. J. Jonsson-Akerman, A. H. Romero, R. Escudero, C. Leighton, S. Kim, and Ivan K. Schuller. J. Appl. Phys. 89, 2786 (2001).
- 112.1.-J. J Akerman, J.M. Slaughter, Renu Whig Dave, I. K. Schuller. Appl. Phys. Lett 79, 3104 (2001).
- 112.2.-Battile X, and Labarta A. J. Phys. D. Appl. Phys. 35, R15 (2002).

- 112.3.-Akerman JJ, Guedes I, et al. Phys. Rev B. 65 (10), 104432 (2002).
- 112.4.-Battile X, Labarta A. J. Phys. D. Appl. Phys. 35 R15 (2002).
- 112.5.-Akerman, JJ, Slaughter JM. Et al. Appl. Phys Lett. 79 (19). 3104 (2002).
- 112.6.-Tsymbal EY, Myrasov ON, LeClair PR. J. Phys: Condensed Matter. 15(4): R109 (2003).
- 112.7.-Dorneles LS, Schaefer DM, Carara M, Schelp LF. Appl. Phys. Lett. 82, 2832 (2003).
- 112.8.-Battile X, Hattink BJ, Labarta A. et al. J. Appl. Phys. 91 (12), 10163 (2002).
- 112.9.-Battile X, Hattink BJ, Labarta A, et al. J. Magn. Magn. Mater 260 (1-2), 78 (2003).
- 112.10.-Gareev RR, Pohlmann LL, Stein S, et al. J. Appl. Phys. 93(10), 8038 (2003).
- 112.11.-Hanbicki AT, van't Erve OMJ, Magno R, et al. Appl. Phys. Lett. 82 (23), 4092 (2003).
- 112.12.- Akerman JJ, Roshchin IV, Slaughter JM, et al. Europhys. Lett., 63 (1), 104 (2003).
- 112.13.-Boubeta CM, Costa-Kramer JL, et al. J. Phys-Condens Mat. 15(25), R1123 (2003).
- 112.14.-Adams LLA, Christiansen C, Goldman AM. Appl. Phys. Lett. 83 (19), 4029 (2003).
- 112.15.-Zhang Z, Rabson DA. J. Appl. Phys. 95 (1), 199 (2004).
- 112.16.-Zhang Z, Rabson DA. J. Appl. Phys. 95 (2), 557 (2004).
- 112.17.-Klaassen KB, Xing XZ, Van Peppen JCL. IEEE T. MAGN. 40 (1): 195 (2004).
- 112.18.-Freericks JK. Appl. Phys. Lett. 84 (8), 1383 (2004).
- 112.19.-Wrotek S, Morawski A, Tkaczyk Z, et al. Acta Physica Polonica A 105 (6), 615 (2004).
- 112.20.- Klapwijk TM Proceeding of SPIE- The International Society for Optical Engineering Vol. 5112, 185-195, (2003).
- 112.21.-Burgler DE, Gareev RR, Pohlmann LL, et al. Molecular Physics Reports. 40 (2004) 13-22.
- 112.22.-Saldarriaga W, Moran O, Prieto P, Baca E. Phys. Stat. Sol. (c) No. 10, 3618-3621 (2005).
- 112.23.-Giazotto F, Heikkila TT, Luukanen A, Savin AM, Pekola JP. Reviews of Modern Physics 78(1):217-274 (2006).
- 112.24.-Petford-Long AK, Ma YQ, Cereso A, et al. Journal of Applied Physics 98 (12): 124904 (2005).
- 112.25.-Petford-Long AK, Khon A, Bromwich T, et al. Thin Solid Films. 505(1-2): 10-15 (2006).
- 112.26.-Braden Jazcek G. Determining Spin Polarization o0f Ferromagnets Using Superconducting Spectroscopy. Florida State Univ. Ph D These 2006.
- 112.27.- Saldarriaga W, Moran O, Baca E. Physica C 449 (2): 87-90 (2006).
- 112.28.- Miller CW, Li ZP, Schuller IK, et al. Phys. Rev. B 74, 212404 (2006).
- 112.29.-Cerezo A, Petford-Long AK, Larson DJ, et al. Journal of Material Science 41 (23) 7843-7852 (2006).
- 112.30.-Miller CW, Li ZP, Akerman J, et al. Appl. Phys. Lett. 90 (4): 043513 (2007).
- 112.31.-Grunberg P, Burgler DE, Dassow H, et al. Acta Materialia 55 (4): 1171-1182 (2007).
- 112.32.-Zenger Marcus. Dissertation. Universitat Regensburg. 2005. Tunneln durch einekristalline Galliumarsenid=Barrieren.
- 112.33.-Kelly TF, Larson DJ, Thompson K, et al. Annual Review of Materials Research. 37: 681-727 (2007).
- 112.34.-Chen Xi, Victora RH. Appl. Phys. Lett. 91, 212104 (2007).
- 112.35.-Chen Y-T, Jen SU, Tsai TL, et al. Journal of Applied Physics. 103 (7): 07A901 (2008).
- 112.36.-Kelly TF, Thompson K, Marquis EA, and Larson DJ. Microscopy Today July 2006 pag. 34-40.
- 112.37.-Burgler DE, Gareev RR, Pohlmann, et al. Springer Series in Materials Science : Magnetic Nanostructures. 10.1007/978-3-540-49336-5\_9. Vol 94. 2007 chap. “ Antiferromagnetic Interlayer Exchange Coupling Across Epitaxial Si Spacers”.
- 112.38.-Akerman J, DeHerrera M, Durlam M, et al. Magnetoelectronics. M. Johnson (Editor). Chap 5, 2004 Elsevier Inc.
- 112.39.- KHJ Buschow. Handbook of Magnetic Materials, 2007. Chap. 1. Spin Dependent Tunneling in Magnetic Junctions, by Swagten HJM. Elsevier Science & Technology.
- 112.40.-Mundle R, Konda RB, Bamiduro O, et al. Journal of Applied Physics.105 (7): 07C907 (2009).
- 112.41.-Miller CW, Beyles DD. Journal of Applied Physics. 105, 094505 (2009).
- 112.42.-Moran O, Saldarriaga W, Baca E. Materials Letters. 63 (21) 1837-1839 (2009).
- 112.43.-Pradhan AK, Mundle R, et al. Journal of Materials Research 24 (10): 3065 (2009).
- 112.44.-Ayelet Vilan, O. Yaffe, A. Biller, etal. Advanced Materials. 22 (2): 140-159 (2009).
- 112.45.-Victora RH, Chen X. IEEE Transactions on Magnetics. 46 (3): 702-708 (2010).
- 112.46.-Moran O, Saldarriaga W, Baca E. Physica C 470 (2): 174-177 (2010).
- 112.47.-Victora RH, Chen X. IEEE Transactions on magnetism EG., AB-02 2010.
- 112.48.-Abel J, Garramone JJ, Sitinsky IL, et al. J. Vac. Sci. Technol. A 28 (4): 702 (2010).
- 112.49.-Shpaisman H, Har-Lavan R, Stein N, et al. Advenced Functional Materials 20 (13) 2181 (2010).
- 112.50.-Vilan A, Cahen D. AIP Conference Proceeding 1313, pp. 30 (2010).

- 112.51.-Maksymovych P, Pan M, Yu P, et al. Nanotechnology. 22 (25): 254031. (2011).
- 112.52.-Muduli PK, Heinonen OG, Akerman J. Phys. Rev. B 83, 184410 (2011).
- 112.53.-Swagten HJM. Handbook of Magnetic Materials Vol. 17. Ed. KHH Buschow. Elsevier 2008.
- 112.54.-Kan-Sheng Chen. Dissertation. Florida State University 2011.
- 112.55.-Chen Xi. Dissertation University of Minnesota. PhD. Oct. 2010.
- 112.56.-Strazzabosco Lucio. Doutor em Ciencias, Santa Maria 2003. Fundação de Amparo à Pesquisa do Estado do Rio Grande do Sul.
113. Graphitic Cones in Palladium Catalysed Carbon Nanofibres. H. Terrones, T. Hayashi, M. Muñoz-Navia, M. Terrones, Y. A. Kim, N. Grober, R. Kamalakaran, J. Dorantes-Davila, R. Escudero, M. S. Dresselhaus, and M. Endo. Chem Phys. Lett. 343, 241 (2001).
- 113.1.-Endo M, Kim YA, et al, Appl. Phys. Lett. 80, 1267 (2002).
- 113.2.-Terrones H, Terrones M, Moran Lopez JL. Curr. SCI. INDIA 81, 1011 (2001).
- 113.3.-Kim YA, Hayashi T, et al. Chem. Phys. Lett. 355, 279 (2002).
- 113.4.-Terrones M, Terrones G, Terrones H. Structural Chemistry. 13 (3-4) 373 (2002).
- 113.5.-Muradov N, Schwitter A, Nanoletters. 2 (6), 673 (2002).
- 113.6.-Huang WZ, Zhang XB, Tu JP, et al. Phys. Chem. Chem. Phys 4(21), 5325 (2002).
- 113.7.-Singh C, Quested T, Boothroyd CB, et al. J. Phys. Chem B 106 (42): 10915 (2002).
- 113.8.-Kim YA, Hayashi T, Osawa K, Endo M, Dresselhaus MS. Chem. Phys. Lett. 367, 537 (2003).
- 113.9.-Toebes ML, Bitter JH, Van Dillen AJ, et al. Catálisis Today. 76 (1), 33 (2002).
- 113.10- Endo M. MOL. CRYST. LIQ. CRYST. 386, 263 (2002).
- 113.11- Terrones H, Muñoz Navia M, Terrones M, et al. MOL. CRYST LIQ. CRYST. 387, 263 (2002).
- 113.12- Hayashi T, Kim YA, Fukai Y, et al. MOL. CRYST. LIQ. CRYST. 387, 365 (2002).
- 113.13- Kim YA, Hayashi T, Fukai and Y, et al. MOL. CRYST. LIQ. CRYST. 387, 385 (2002).
- 113.14- Nozaki T, Kimura Y, Okazaki K, et al. J. Phys. D Appl. Phys. 35 (21), 2779 (2002).
- 113.15- Osipov VA, Kochetov EA, Pudlak M. J Exp. And Theo. Phys. 96 (1), 140 (2003).
- 113.16- Shiratoni Y Hiraoka H, Takeuchi Y, et al. Appl. Phys. Lett. 82 (15), 2485 (2003).
- 113.17- Thomann AL, Salvetat JP, Breton Y, et al. Thin Solid Films 428 (1-2), 242 (2003).
- 113.18- Endo M, Kim YA, Hayashi T, Yanagisawa T, et al. Carbon 41, 1941 (2003).
- 113.19- Ren WC, Cheng HM, Carbon 41 (8), 1657 (2003).
- 113.20- Xu FF, Bando Y, et al. J AM CHEM. SOC. 125 (26), 8032 (2003).
- 113.21- Little RB. J of Cluster Science 14 (2), 135 (2003).
- 113.22- Terrones M. ANNU. REV. MATER. RES. 33: 419 (2003).
- 113.23- Xu FF, Bando Y, Goldberg D New J. Phys. 5, Art 118 (2003).
- 113.24- Endo M, Lee BJ, Kim YA, et al. New J Phys. 5 Art. 121 (2003).
- 113.25- Terrones H, Terrones M. New Journal of Phys. 5, art. 126 (2003).
- 113.26- Klein DJ. INT. J. Quantum Chem. 95 (4-5) 600 (2003).
- 113.27- Terrones M, Terrones H. Philos. T Roy. Soc. A 361 (1813): 2789 (2003).
- 113.28- Lammert P, and Crespi HV. Phys. Rev B 69 (15), 035406 (2004).
- 113.29- Kiselev NA. Hutchinson JL. Moravsky AP. et al. Carbon 42 (1), 149 (2004).
- 113.30- Shah N, Wang YG, Panjala D, et al. Energ. Fuel 18(3), 727 (2004).
- 113.31- Pan CX, Liu YL, Cao F, et al. Micron 35 (6), 461 (2004).
- 113.32- Inagaki M, Kaneko K, Nishizawa T. Carbon 42 (8-9): 1401 (2004).
- 113.33- Bartsch K, Leonhardt A. Carbon 42 (8-9): 1731 (2004).
- 113.34- Shiratori Y, Hiraoka H, Yamamoto M. Materials Chemistry and Physics. 87(1), 31 (2004).
- 113.35- Terrones H, Terrones M, Lopez-Urias F, et al. Philos. Trans. Series A. 362, (1823): 2039 (2004).
- 113.36- Shao CL, Yang XH, Guan Hy, et al. Chemical Research in Chinese Universities 20 (5), 521 (2004).
- 113.37- Endo M, Hayashi T, Kim YA, et al. SEN-I GAKKAISHI 60 (6), P260 (2004).
- 113.38- Breton Y, Fleurier R, Salvetat JP, et al. Appl. Phys. Lett. 85 (22), 5376 (2004).
- 113.39- Bartsch K, Leonhardt A. Thin Solid Films. 469-70: 115 (2004).
- 113.40- Terrones M. International Materials Reviews 49 (6), 325 (2004).
- 113.41- Melechko AV, Merkulov VI, McKnight TE, et al. J. of Appl. Phys. 97(4), 041301 (2005).
- 113.42- Wang YG, Shah N, Huffman GP. CATALYSIS TODAY 99 (3-4): 359-364 JAN 30 (2005).
- 113.43- Muñoz-Navia M, Dorantes-Davila J, Terrones M, et al. Chemical Physics Letters 407 (4-6), 327 (2005).
- 113.44- Xu X, Dismukes JP, Hughes TW. International SAMPE Technical Conference 2389-2397 (2004).

- 113.45.-Lee Y, Bhat G. Processing and Fabrication of Advanced Materials XII, 391-404 (2003).
- 113.46.-Bartsch K, Biedermann K, Gemming T, et al. J. of Appl. Phys. 97 (11), 114301 (2005).
- 113.47.-Zhu YA, Sui ZJ, Zhao TJ, et al. Carbon 43 (8): 1694-1699 (2005).
- 113.48.-Merculov IA, Meleshko AV, Wells JC, et al. Phys. Rev B72 (4):045409 (2005).
- 113.49.-Eksioglu B, and Nadarajah A. Carbon 44, 360-373 (2006).
- 113.50.-Cheng JP, Zhang XB, Tu H, et al. Materials Chemistry and Physics 95 (1): 12-15 (2006).
- 113.51.-Muñoz-Navia M, Dorantes-Davila J, et al. Phys. Rev B 72, 235403 (2005).
- 113.52.-Choi YK, Gotoh Y, Sugimoto KI, et al. POLYMER 46 (25): 11489-11498 (2005).
- 113.53.-Matter PH, Zhang L, Ozkan US. Journal of Catalysis. 239(1): 83-96 (2006).
- 113.54.-Zhao XW, Jiang P, Chu WG, et al. CARBON 44 (7): 1310-1313 (2006).
- 113.55.-Choi SI, Nam JS, Kim JI, et al. Thin Solid Films 506: 244-249 (2006).
- 113.56.-Chattopadhyray S, Chen LC, Chen KH. Critical Reviews in Solid State and Materials Sciences. 31 (1-2): 15-56 (2006).
- 113.57.- Martin-Gullon I, Vera J, Conesa JA, et al. CARBON. 44 (8): 1572- 1580 (2006).
- 113.58.-Teo KBK, Singh C, Chhowalla M, et al. Encyclopedia of Nanoscience and Nanotechnology. California, USA 2003.
- 113.59.-Dimovski S, Libera JA, Gogotsi Y. A Novel Class of Carbon Nanocones. Mat. Res. Symp. Proc. 706, 2002.
- 113.60.-Verstraete M. Ab initio calculation on the structural nelectronic, and superconducting properties of nanotubes and nanowires. Universite Catholique De Louvaine 2005.
- 113.61.-Synthesis and Hydrogen Adsorption of Fish-bone Graphite Nanofibres. Acta Energiae Solaris Sinica 25(3): 371-374. (2004).
- 113.62.-Kuo Chi-Yuan. Growth of Carbon Nanofibers by Catalytic Chemical Vapor deposition Using Al-Ni-Cu Composite Catalysts. Thesis for Master of Scineces Tatung University June 2005.
- 113.63.-Dussault L, Dupin JC, Latorre N, et al. J. of Physics and Chemistry of Solids 67 (5-6):1162-1167 (2006).
- 113.64.-Uchida T, Anderson DP, Minus ML, et al. Journal of Material Science 41 (18): 5851-5856 2006).
- 113.65.-Yanagisawa T, Endo M,. US Patent 7,048,904, 2006. "Carbon Fiber for a Fuel Cell Having Catalitic Metal Supported Thereon".
- 113.66.- Yanagisawa T, Endo M. US Patent 7018601, 2006. "Carbon Fiber Product, and Method of Adjusting Length of Carbon Fiber Product"
- 113.67.-Loiseau A, Blasé X, Charlier J-Ch, et al. Lecture Notes in Physics 677: 49-130 (2006).
- 113.68.-Liew KM, Wei JX, and He XQ. Phys. Rev B. 75, 195435 (2007).
- 113.69.-Jaszczak JA, Dimovsi S, Hackney SA, et al. Canadian Mineralogist 45 (2): 379-389 (2007).
- 113.70.-Wei JX, Liew KM, Xe XQ. Applied Physics Letters. 91, 261906 (2007).
- 113.71.-Lin LT, Lee CY, Chiu HT, et al. LANGMUIR 23 (26):12806-12810 (2007).
- 113.72.-Pandley B, Du GH, Li WZ. Applied Physics A: Materials Science and Processing 90 (3), 411-415 (2008).
- 113.73.-Yudasaka M, Iijima S, Crespi VH. Carbon Nanotubes 111, 605-629 (2008).
- 113.74.-Nadarajah Arun, Lawrence JG, Hughes TW. Key Engineering Materiale Vol. 380, 193-206 (2008).
- 113.75.- Lawrence JG, Berhan LM, Nadarajah A. Journal of Nanoparticle Research. 10 (7): 1155-1167 (2008).
- 113.76.-Liu Y, Pan C, Chen W. Material Research Bulletin 43 (12): 3397-3407 2008.
- 113.77.-Endo M. LECTURE NOTES IN NANOSCALE SCIENCE AND TECHNOLOGY 2008.  
SPRINGER
- 113.78.-Yang Y, Rosalie J, Bourgeois L, Webley PA. Material Research Bull. 43 (8-9), 2368-2373 (2008).
- 113.79.-Dadras S, Liu Y, Chai YS, Daadmehr V, Kim KH. Physica C. 469, 55-59 (2009). DOI 10.1016/j.physc.2008.11.004
- 113.80.-Atwater MA, Phillips J, Doorn SK, et al. Carbon 47 (9): 2269-2280 (2009).
- 113.81.-Arai A, Ishibashi M, Yanagisawa T, et al. Kobunshi Ronbunshu. 66 (7): 243-249. (2009).
- 113.82.-Lupo F, Kamalakaran R, Gulino A. Journal of Physical Chemistry. 113 (35): 15533-15537 (2009).
- 113.83.-Luhrs Claudia C, Garcia D, Therani M, et al. Carbon. 47 (2009): 3071-3078.
- 113.84.-Gupta AK, Deva D, Sharma A, et al. Industrial & Engineering Chemistry Research. 48 (21): 9697-9707 (2009).
- 113.85.-Yudasaka M, Iijima S, Crespi VH. Topics in Applied Physics. 111, page 605-629. (2008).
- 113.86.-He CN, Zhao NQ, Shi CS, et al. Journal of Alloys and Compounds 489 (1) 20-25 (2010).

- 113.87.-Stine Nalum Naess, A. Elgsaeter, et al. Science and Technologu of Advanced Materials. 10. 065002 (2009).
- 113.88.-Manafi SA, Amin MH, Rahimipour MR, et al. Advances in Appl. Ceramics. 109 (1): 25-30 (2010).
- 113.89.-Lee SH, Teshima K, Jang IY, et al. Chemical Communications 46 (13): 2295 (2010).
- 113.90.-Naess SN, Elgsaeter A, Helgesen G, et al. Science and technology of Advanced Materials. 10 (6): 065002 (2009).
- 113.91.-Chen Z, Higgins D, Chen ZW. *Electrochimica Acta*. 55 (16) 4799-4804 (2010).
- 113.92.-Fujisawa K, Hasegawa T, Shimamoto D, et al. CHEMPHYSCHM 11 (11): 2345 (2010).
- 113.93.-Suzuki S, Katsuya T, Sunhyung L, et al. *J. Nanoscience and Technology* 11 (7): 6335 (2011).
- 113.94.-Bourgeois L, Williams T, Mitome M, et al. *Crystal Growth & Design*. 11 (7): 3131-3148 (2011).
- 113.95.-Liao Ming-Liang, Cheng Chin-Hsiang, Lin Yang-ping. *Journal of Materials Research* 26 (13): 1577-1584 (2011).
- 113.96.-Lee Richard KF, Barry J, Hill J M. *The Quarterly Journal of Mechanics & Applied Mathematicas*. Doi: 10.1093/qjmam/hbr013 (2011).
- 113.97.-RD Firouz-Abadi, MM Fotouhi, and H. haddadpour. *Physics Letters A*. doi: 10.1016/j.physleta.2011.08.035
- 113.98.-Jun Ma, Davis Moy, Asif Chishti, and Jun Yang. US Patent Application Pub. Pub. No.:US2008/0039315 A1. Feb 2008.
- 113.99.-Yanagisawa T, Higaki S, EP Patent 1,288,351, 2006.
- 113.100.-Olenic L, Pruneanu S, Almasan V, et al. *Nanofibers*. Book edited by Ashok Kumar. ISBN 978-953-7619-86-2 INTECH, Croatia, SCIYO.COM. Feb 2010.
- 113.101.-Hu Yan-Yang, Sun Shi-ILing, Zhong Rong-Lin, et al. *Journal of Physical Chemistry C* 115 (38); 18545-18551 (2011).
- 113.102.-Yu J, Lacy TE, Toghiani H, et al. *J. of Composite Materials*. Doi: 10.1177/0021998311428361. (2011).
- 113.103.-Kizuka T, Miyazawa K, Akawaga A. *Journal of Nanotechnology*. 2012, 376160 doi: 10.1155/2012/376160
- 113.104.-Jang Young Hiroki Ogata, Chu park Ki, et al. *J. Phys. Chem. Lett.*, 2010, 1(14), pp 2099-2103.
- 113.105.-Adisa Olumide O, Cox Barry j, et al. *J. Phys. Chem. C*, 2011, 115 (50), pp 24528-24533.
- 113.106.-Ming-Ling Liao. *J. Nanoparticle Research* 14: 837 (2012).
- 113.107.-Zhu Chen. Faculty of Engineering These and Dissertations . <http://hdl.handle.net/10012/6718>.
- 113.108.-HY Cheng, YA Zhu, ZJ Sui, XG Zhou. CARBON. Doi.org/10.1016/j.carbon.2012.05.005
- 113.109.-Yu Jaesang, Lacy Thomas E, et al. *J. Composite Materials* 46 (16): 1943-1953 (2012).
- 113.110.-C Tu, Q Huang, M Zhang, et al. *Transactions of Nonferrous Metals Society of China*. 22 (10): 2569-2577. (2012).
- 113.111.-Gu Jin gjun, Sansoz Frederic. Carbon. Doi.org/10.1016/j.carbon.2013.01.027.
- 113.112.-A. Ramos, et al. *Carbon*, 59, 2, (2013).
- 113.113.- J. Gu, et al. *Carbon*, 56, 351 (2013).
- 113.114.-YA. Kim. Et al. *Handbook of Nanomaterials*. DOI 10.1007/978-3-642-20595-8\_7 (2013).
- 113.115.-S. Ono, et al. *Chem Phys. Lett.* 561-562, 137 (2013).
- 113.116.-YA Kim. , et al. *J. of Energy Chem.* 22, 2, 183 (2013).
- 113.117.- KM, Park, et al. *ACS Applied Materials & Interfaces*. 5, 11115 (2013).
114. Point Contact Characteristics of NbSe<sub>3</sub> in the Superconducting State. R. Escudero, A. Briggs, and P. Monceau. *J. Phys: Condens Matter*. 13, 6285 – 6295 (2001).
- 114.1-.Isakovic AF, Cicak K, Thorne RE. *Phys. Rev. B* 77 (11): 115141 (2008).
115. Criteria for Ferromagnetic-Insulator-Ferromagnetic Tunneling. Johan J. Åkerman, R. Escudero, C. Leighton, S. Kim, D.A. Rabson, Renu Whig Dave, J. M. Slaughter, and Ivan K. Schuller, *J. Mag. Mag. Mat.* 240, 86-91 (2002)
- 115.1.-Gareev RR, Pohlmann LL, Stein S, et al. *J. Appl. Phys.* 93(10), 8038 (2003).
- 115.2.-Zhang Z, Rabson DA. *J. Appl. Phys.* 95 (1), 199 (2004).
- 115.3.-Zhang Z, Rabson DA. *J. Appl. Phys.* 95 (2), 557 (2004).
- 115.4.-Vavra O, Gazi S, Vavra I, et al. *Physica C* 404 (1-4), 395 (2004).
- 115.5.-Androulakis J, Gardelis S, Giapintzakis J, et al. *Thin Solid Films* 471 (1-2): 293 (2005).
- 115.6.-Le Brizoual L, Alnot P, Hehn M, et al. *Appl. Phys. Lett.* 86, 112505 (2005).
- 115.7.-Varalda J, deOliveira AJA, Mosca DH, et al. *Phys. Rev B* 72(8): 081302 (2005).

- 115.8--.Burgler DE, Gareev RR, Pohlmann LL, et al. Molecular Physics Reports. 40 (2004) 13-22.
- 115.9-.Anderson GIR, Hindmarch AT, Marrows C h, et al. J. of Appl. Phys. 99 (8): 08T311 (2006).
- 115.10-.Lacour Daniel. "L'effet Tunnel dependant du Spin Comme Sonde du Micromagnetisme.."These Docteur de l'Universite Henri Poincare, Nancy I. 2002.
- 115.11-.Varalda Jose.Magnetoresistencia Tunel Ressonante E Acoplamento Magnetico...."Universidade Federal De Sao Carlos & Universite Pierre Et Marie Curie. 2004.
- 115.12-.Liu XY, Mazumdar D, Shen WF, et al. Appl. Phys. Lett. 89 (2): 023504 (2006).
- 115.13-.Akerman J, DeHerrera M, Slaughter JM, et al. IEEE Transactions on Magnetics. 42 (10):2661-2663 (2006).
- 115.14-. Miller CW, Li ZP, Schuller IK, et al. Phys. Rev. B 74, 212404 (2006).
- 115.15-. Miller CW, Li ZP, Akerman J, et al. Appl. Phys. Lett. 90 (4): 043513 (2007).
- 115.16-.Xu W, Szulczewski GJ, LeClair P, et al. App. Phys. Lett. 90 (7): 072506 (2007).
- 115.17-.Hindmarch AT, Marrows CH, Hickey BJ. J. Phys.: Condensed Matter 19: 136211 (2007).
- 115.18-.Miller CW, Li ZP, Schuller IK, Dave RW, et al. Phys. Rev. Lett. 99, 047206 (2007).
- 115.19-.Gilbertson AM, Orr JMS, Buckle PD, et al. Phys. Rev. B 76 (8): Art. No. 085306 (2007).
- 115.20-. Ventura J, Teixeira JM, Araujo JP, et al. Journal of Applied Physics. 103 (7): 07A909 (2008).
- 115.21-.Ventura J, Teixeira JM, Araujo JP, Souza JB. Phys. Rev. B, 024403 (2008).
- 115.22-.Biirgler DE, Gareev RR, Pohlmann LL, et al. Magnetic Nanostructures 2007. Springer. Magnetic Nanostructures. Ed. B Aktas, L.Tagirov, F.Mikailov.
- 115.23-.Xu Weihao Graduate Student seminar Series. The University of Alabama. 2007.
- 115.24-.Anderson GIR, Wei HX, Porter NA, et al. Journal of Applied Physics 105 (6): 063904 (2009).
- 115.25-.Miller CW, Beyles DD. Journal of Applied Physics. 105, 094505 (2009). Zakharov Andrey,
- 115.26-. Zakharov Andrey, Dissertation. Johannes Gutenberg-Universitat, Mainz. 2008.
- 115.27-.Manno M, Frakie R, Bolon B, et al. Applied Physics Letters 95 (18): 182510 (2009).
- 115.28-.Yoo JW, Jang HW, Prigodin VN, et al. Phys. Rev. B. 80, 205207 (2009).
- 115.29-.Anderson GIR, Wei HX, Porter NA, et al. Journal of Magnetism and Magnetic Materials. 322 (6): 756-761 (2010).
- 115.30-.Ventura J, Teixeira JM, Araujo R, et al. J. Nanoscience and Nanotechnology. 10 (4): 2731-2734 (2010).
- 115.31-. Abel J, Garramone JJ, Sitinsky IL, et al. J. Vac. Sci. Technol. A 28 (4): 702 (2010).
- 115.32-.Bibes M, J. Villegas, Berthelemy A. Advances in Physics. 60 (1): 5 (2011).
- 115.33-. Kleine A. Philosophisch-Naturwissenschaftlichen Fakultat der Universitat Basel. (2010).
- 115.34-.Liao Z -M, Wu HC, Wang JJ, Cross GLW, Kumar S, et al. Applied Phys. Lett. 98 (5): 052511 (2011).
- 115.35-.Muduli PK, Heinonen OG, Akerman J. Phys. Rev. B 83, 184410 (2011).
- 115.36-.Da Silva M, Dumensnil K, Dufour C, et al. Applied Physics letters. 98 (23): 232504 (2011).
- 115.37-.Szulczewski G. Topics in Current Chemistry. 1-28, doi: 10.1007/128\_2011\_223 (2011).
- 115.38-.Li B, Kao HC, Lu Yu, Yoo JW, et al. Applied Physics Letters. 99 153503 (2011).
- 115.39-.Bin Li, Mengqi Zhou, Yu Lu, et al. Organic Electronics. Orgele 1583. 17 Apr. 2012.
- 115.40-.Drew AJ, Szulczewski Gregory, et al.Phys. Status Solidi B- Basic Solid State Phys. 249 (1): 9-17 (2012).
- 115.41-.BB. Singh, S. Chaudhary, DK Pandaya. Material Research Bull. 47 (11): 3786 (2012).  
Doi.org/10.1016/j.materresbull.2012.06.020.
116. Extrinsic Magneto Resistance in  $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3$  Thick Films. C. Hart, AD Hernandez, O Ares, and R. Escudero, J. Magn. Magn. Mater. 226, 905 (2001).
- 116.1.-Hart C, et al., Physica B 320, 64 (2002).
- 116.2.-Zhigao H, Zhigao Ch, Shuiyuan Ch, et al. Adv. Nanomater. and Nanodevices (IUMRS-ICEM 2002, Xi'an, China: 818-833, (2002).
- 116.3.-GAI RQ, Lai H, Chen S, et al. Transactions of Nonferrous Metals Soc. Of China. 15 (2):323-327 (2005).
- 116.4.-Mustre de Leon J, Ares O, Espinosa FJ, et al. J. Superconductivity and Novel magnetism. DOI 10.1007/s10948-008-0403-3 (2008).
- 116.5-. Costa Marques R F. Tese de doutorado Instituto de Quimica de Araraquara. Universidade Estadual Paulista. 2003.

117. Quantitative x-ray photoelectron spectroscopy study of Al/AlO<sub>x</sub> bilayers. X. Batlle, B.J. Hattink, A. Labarta, J.J. Akerman, R. Escudero, and I. K. Schuller. *J Appl. Phys.* 91 (12), 10163 (2002).
- 117.1-.Batlle X, Cuadra PJ, Zhang ZZ, et al. *J. Magn. Magn. Mater* 261 (3), L305 (2003).
- 117.2-.Batlle X, Hattink BJ, Labarta A, et al. *J. Magn. Magn. Mater* 260 (1-2), 78 (2003).
- 117.3-.Lee D, Hong JG. *J. of Appl. Phys.* 97 (9): 093905 (2005).
- 117.4-.Fine D, Wang L, Sharma D, et al. *Applied Physics Letters.* 89 (20):203118 (2006).
- 117.5-.Lu FH, Tsai HD, Chieh YC. *Thin Solid Films* 8, 1871-1876 (2008).
- 117.6-.Lee Donkoun, In Jangsk Hong Jongill. *Journal of Magnetics* 10 (4): 133-170. (2005).
118. High Pressure Effects in Single Crystals RNi<sub>2</sub>B<sub>2</sub>C (R=Dy, Pr). R. Falconi, A. Durán, and R. Escudero. *Phys. Rev. B* 65, 024505 (2002).
- 118.1-. El Massalami M, Borges HA, Takeya H, Rapp RE, Chaves FAB. *J. Mag. Mag. Mat.* 279,5 (2004).
- 118.2-.Gupta LC. *Advances in Physics* 55 (7-8):691-798 (2006).
- 118.3-.Muller KH, Schneider M, Fuchs G, et al. *Handbook on the Physics and Chemistry of Rare Earths* 38, 175(2007).
- 118.4-.Niewa R, Shlyk L, Blaschkowski B. *Zeitschrift fur Kristallographie* 226 (4): 352 (2011).
- 118.5-.Escamilla, Lovera O, Akachi T, et al. *J. of Physics: Condensed Matter* 16, 5979 (2004).
- 118.6-. Falconi R, Duran A, Nuñez-Regueiro M, et al. *Phys. Stat. Solidi A.* 208, 2159 (2011).
- 118.7-.Narozhny VN, *Handbook of Magnetic Materials* 2002, North Holland.
- 118.8-.Muller KH, Fuchs G, Drechsler SL. Chap. 3, in *Handbook of Magnetic Materials* Vol. 44. Ed. KHJ Buschow 2002.
119. Anomalous Non-linear T<sub>c</sub> Pressure Dependence in MgB<sub>2</sub> R. Falconi, A. Durán, and R. Escudero. *J. Physics: Condens Matter.* 14, 3663 (2002).
- 119.1-.Islam AKMA, Islam FN. *Int. J. Mod. Phys. B* 17 (21), 3785 (2003).
- 119.2-.Shi L, Zhang H, Zhou S, et al. *J. of Appl. Phys.* 100: 023905 (2006).
- 119.3-.Li WX, Li Y, Chen RH, et al. *Phys. Rev. B* 77 (9): 094517 (2008).
- 119.4-.A. Ohmura, K. Fujimaki, M. Einaga, et al. *J. Physics: Conference Series* 215, 012035 (2010).
- 119.5-.Estevez U, De la Mora P. *Revista mexicana de Fisica.* 53 (7), 95 (2007).
120. Fitting of transport measurements in polycrystalline La<sub>2/3</sub>Ca<sub>1/3</sub>MnO<sub>3</sub>. AD. Hernandez, C. Hart, R. Escudero, and O. Ares., *Physica B* 320, 64 (2002).
- 120.1-. Hart C, et al., *Physica B* 320, 60 (2002).
- 120.2-.Das Arulsamy Andrew. ArXiv:Cond-mat/0212202v12 25 March 2004.
- 120.3-.Belevtsev BI, Naugle DG, Rathnayaka KDD, et al. *Physica B:* 355 (1-4), 341-351 (2005).
- 120.4-.Dinesen Anders Reves. RISO-PhD-5 Aug. (2004).
- 120.5-.Paunovic N, Popovic ZV, Cantarero A, et al. *Science of Sintering* 1, 55-61: (2008).
- 120.6-.Zhang JW, Zheng BZ, Zhang Q, et al. *Materials letters* 62 (17-18) 3159-3162 (2008).
- 120.7-.Mustre de Leon J, Ares O, Espinosa FJ, et al. *J. Superconductivity and Novel magnetism.* DOI 10.1007/s10948-008-0403-3 (2008). 22(2), 173 (2009).
- 120.8-.Gamzatov AG, Batdalov AB. *Phase Transitions* 83 (5): 343-348 (2010).
- 120.9-.Dinesen AR. *Journal of Magnetism and Magnetic materials.* 253, 28-34 (2002).
- 120.10-. Belevtsev BI, Naugle DG, Rathnayaya KDD, et al. arXiv: cond-mat/0501165v1 (2005).
121. The oxidation state at tunnel junction interfaces. X. Batlle, BJ. Hattink, A. Labarta, JJ. Akerman, R. Escudero, IK. Schuller. *J. Magn. Magn. Mater.* 260, 78-83 (2003).
- 121.1-.Batlle X, Cuadra PJ, Zhang ZZ, et al. *J. Magn. Magn. Mater* 261 (3), L305 (2003).
122. Boracites: A structural family presenting ferroic phase transitions. Castellanos Guzmán AG, Czank M, Campa Molina J, Bucio L, Muñoz Sandoval E, Escudero R, Kumar A, Singh G, Tiwari VS, and Wadhawan VK. *FERROELECTRICS* 267, 229 (2002).
- 122.1-.Shuvaeva VA, et al. *Revista Electrónica de Investigaciones en Rusia.* (traducción). 211, 2471-2476 (2003).
- 122.2-.Shuvaeva VA, Lysenko KA, Antipin M. Yu. *Crystallography Reports* 56 (6): 1004-1006. (2011).
123. Magnetic Behavior of PrNi<sub>2</sub>B<sub>2</sub>C Single Crystals. A Durán, S. Bernes, and R. Escudero.

- Phys. Rev B.66, 212510 (2002).
- 123.1-. El Massalami M, Borges HA, Takeya H, Rapp RE, Chaves FAB. J. Mag. Mag. Mat. 279, 5 (2004).
- 123.2-.Anand VK, Chaudhuri A, Dhar SK, et al. Physica C 460-462, 785-786 (2007).
- 123.3-.Gupta LC Advances in Physics 55 (7-8): 691-798 (2006).
- 123.4-.Anand VK, Chaudhuri A, Dhar SK, et al. Physica C Superconductivity 460: 785-786 (2007).
- 123.5-.Galvan DH, Duran A, Amarillas, et al. Phys. Rev. B 74 (24): 245121 (2006).
- 123.6-. Duran A, Bernes S, Falconi, et al. Phys. Rev.B 74 (13): 134513 (2006).
- 123.7-.Muller KH, Schneider M, Fuch G, et al. Handbook on the Physics and Chemistry of Rare Earths 38, 175 (2007).
- 123.8-.Niewa R, Shlyk L, Blaschkowski B. Zeitschrift fur Krystallographie. 226 (4) 352-384 (2011).
- 123.9-.Morales F, Escudero R, Duran A. J. Low Temp. 153 (1-2): 15-25 (2011).
- 123.10-.Falconi R, Duran A, Nuñez-Regueiro M, et al. Phys. Stat. Solidi A. 208, 2159 (2011).
124. Graphitic cones in carbon nanofibres. Terrones H, Muñoz-Navia M, Terrones M, Hayashi T, Kim YA, Endo M, Dorantes Dávila J, Terrones M, Grobert N, Kamalakaran R, Escudero R, Dresselhaus MS. Molecular Cryst. and Liquid Cryst. 387: 263-274 (2002).
125. Physical Properties of some ferroic  $\text{Me}_3\text{B}_7\text{O}_{13}\text{X}$  boracites. AG Castellanos-Guzman, E. Muñoz, and R. Escudero. Rev. Cubana de Física 19, 85 (2002).
126. Electrical and magnetic properties of  $\text{UFe}_x$  compounds. E. Verdin and R. Escudero Rev. Mex. Fis. 50 (1), 64 (2004).
127. Electronic behavior in mats of single-walled carbon nanotubes under pressure. R. Falconi, J.A. Azamar, and R. Escudero. Solid State Commun. 129 (9), 569 (2004).
- 127.1-.Merlen A, Toulemonde P, Bendiab N, et al. PHYSICA STATUS SOLID B-Basic Solid State Physics 243 (3): 690-699(2006).
- 127.2-.Mohammadizadeh MR. Phys. Stat. Solidi C 3 (9):3126-3129.
- 127.3-.Ovsienko IV, Len TA, Matsui LY, et al. Molecular Crystals and Liquid Crystals. 468: 641-649 (2007).
- 127.5-.Morales F, Monteverde M, Nuñez-Regueiro M. European Physical Journal B 65 (4): 511-514 (2008).
- 127.6-.Zhang Y, Zhou WW, Jin Z, et al. Chemistry of Materials 20 (24): 7521-7525 (2008).
- 127.7-.Ozmaian M, Naghdabadi R. Physica E. 54,9 (2013).
128. Exchange-coupling effect and magnetotransport properties in epitaxial  $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3/\text{La}_{1/3}\text{Ca}_{2/3}\text{ MnO}_3$  superlattices. P. Prieto, M. E. Gomez, G. Campillo, A. Berger, E. Baca, R. Escudero F. Morales, J. Guimpel, and N. Haberkorn. Phys. Stat. Sol. (a) 201, No. 10, 2343 (2004).
- 128.1-.Campillo G, Hoffman A, Gomez ME, et al. J. Appl. Phys. 97(10), 10K104, part 3, (2005).
- 128.2-.Campillo G, Gomez ME, Berger A, et al. J. of Appl. Phys. 99 (8): 08C106 (2006).
- 128.3-.Gomez ME, Campillo G, Ramirez JG, et al. IEEE Transactions on Magnetics 42 (10): 2981-2983 (2006).
- 128.4-.Gomez ME, Campillo G, Ramirez JG, et al. Phys. Stat. Sol. (c) 4, No. 11, 4181-4187 (2007).
- 128.5-.Marin L, Gomez ME, Reyes DF, et al. Revista Lationamericana de Metalurgia y Materiales 30(2), 119 (2010).
- 128.6-.Marin L, Ramirez JG, Gomez ME. Journal of Physic: Conference Series 200 section 7 ar. No. 072064 (2010).
- 128.7-.Laverdiere J, Jandi S, Fournier P Phys. Rev. B. 84 (10): 104434 (2011).
- 128.8-.Prieto P, Gomez ME, Campillo G. Acta Microscopica. 16 (1-2) supp.2 2007.
- 128.9-. Gomez ME, Hoffmann Campillo G, et al. Rev. Soc. Colombiana de Fisica. 37 (1), 215-218. (2005).
- 128.10-.Gomez ME, Marin L, Diez S, et al. Rev. Acad.Colomb.Cienc.: Vol. XXXV, N0. 137- 451, 2011.
- 128.12-.Prieto P, Marin, J, Diez SM, et al. J. SupercondNov. Magn. Doi 10.1007/s10948-012-1648-4 (2012).
- 128.13-.Wang HO, Dai P, Liu H, et al. International J of Modern Phys. B. 26, 1250132 (2012).
129. Conductance of bulk samples of multiwall carbon nanotubes-metal junctions. D. Mendoza, F. Morales, R. Escudero. Solid State Comm. 130, 317 (2004).
- 129.1-.Tarkiainen R, Ahlskog M, Paalanen M, et al. Phys. Rev. B 71, 125425 (2005).

- 129.2.-Astorga HR, Mendoza D. Optical Materials. 27 (7): 1228-1230 (2005).
- 129.3.-Shklyarevskii OI, Speller S, van Kempen H. Appl. Phys. A-Material Science and Processing 81 (8): 1533-1538 (2005).
- 129.4.-Garinella SV. Microelectronics Journal. 37 (11): 1165-1185 (2006).
- 129.5.-Mendoza D. Optical Materials. 29 (1):122-125 (2006).
- 129.6.-Sato-Berru RY, Basiuk EV, Saniger JM. Journal of Raman Spectroscopy 37 (11):1302-1306 (2006).
- 129.7.-Coiffic JC, Fayolle M, Maitrejean S, et al. Apl. Phys. Lett. 91: 252107 (2007).
- 129.8.-Su C-H, Lin C-R, Lin C-Y, Jhuang J-Y, Hsu C-M. Conference Proceeding IEEE International Conference on Systems, Man and Cybernetics, art. No. 4413680, pp. 3011-3015 (2007).
- 129.9.-Hsu CM, Lin CR, Chuang JY. Conference Proceeding- IEEE International Conference on System, Man and Cybernetic, art. 5641940, 2459-2464. (2010).
- 129.10.-MSRN Kiran, U. Ramamurty, and Abha Misra. Nanotechnology. 24 (1): 015707 (2013).
130. Cobalt based superparamagnetic nanorings. M. Marin, D. Garcia, X. Gao, J. Elechiguerra, V. Kusuma, M. Sampson, M. Miki-Yoshida, A. Dalton, R. Escudero, and M. José-Yacaman. Nanoletters. 4 (8), 1365 (2004).
- 130.1.-Jung JH, Jung MH. Chemistry Letters 34(6), 806-807 (2005).
- 130.2.-Aaron Flores-Figueroa, Victor Arista-M, D. Talancón-Sanchez, I. Castillo. Journal of The Brazilian Chem. Soc. 16 (3A): 397-403 (2005).
- 130.3.-Chemical & Engineering News. Imagen of the Month. Nanofocus, Aug. 2004.
- 130.4.-Xin Y, Lu J, Stampe PA, et al. Applied Physics Letters 88 (11): Art. No. 112512 (2006).
- 130.5.-John NS, Selvi NR, Kulkarni GU, et al. Appl. Phys. A: Materials Science and Processing 87 (4): 683-689 (2007).
- 130.6.-Chiu WS, Radiman S, Abd-Shukor R, et al. Journal of Alloys and Compounds 459 (1-2): 291-297 (2008).
- 130.7.-Bakandritsos A, Bouropoulos PA, et al. Advanced Functional Materials 18 (11): 1694-1706 (2008).
- 130.8.-Hu MJ, Lu Y, Zhang S, et al. Journal of the American Chemical Society 130 (35): 11606 (2008).
- 130.9.-Yang WY, Cheng XM, Wang HT, et al. Crystal Growth & Design 8 (11): 3921-3923. (2008).
- 130.10.-Zhong SL, Song JM, Zhang S, et al. Journal of Physical Chemistry C. 112 (50): 19916-19921 (2008).
- 130.11.-Dudowicz J, Douglas JF, Freed KF. Journal of Chemical Physics 130 (22), art. No. 224906 (2009).
- 130.12.-Sousa EC, Rechenberg HR, Depeyrot J, et al. Journal of Appl. Phys. 106 093901 (2009).
- 130.13.-Wu CZ, Zhu HO, Dai J, et al. Advanced Functional Materials 106 (9), 3666 (2010).
- 130.14.-Dongmin Seo. Thesis Texas A&M University 2007 AAT 3296536.
- 130.15.-More SS, Kadam RH, Kadam AB, et al. Central Journal of Chemistry 8(2), 419 (2010).
- 130.16.-Bakandritsos A, Mattheolabakis G, Chatzikryiakos G, et al. Advanced Functional Materials 21(8): 1465 (2011).
- 130.17.-Moon Kim, Jongmin Shim, Taihua Li, et al. Chemistry –A European Journal. 17 (38): 10699, (2011).
- 130.18.-Vysotskii Vladimir I., Kornilova AA, Smirnov IV. APPLIED BIOPHYSICS OF ACTIVED WATER. World Scientific. ISBN 978-981-4271-18-9, 2009.
- 130.19.-Seo Dongmin. Ph D Thesis. Texas A&M University 2007. Pub. Number: AAI3296536: ISBN: 9780549417545. Vol. 69-01, Section B, page 0378.
- 130.20.-Y Xue, X Zhang, J Wu, et al. Journal of Materials Chemistry. DOI: 10.1039/C1JM14569J. J. Mater. Chem. 22, 2560-2565 2012.
131. Crystalline structure and the superconducting properties of NbB<sub>2+x</sub>, R. Escamilla O. Lovera, T. Akachi, A. Durán, R. Falconi, F. Morales, and R. Escudero. J. of Phys.: Condensed Matter. 16, 5979 (2004).
- 131.1.-Takagiwa H, Kuroiwa S, Yamazawa M, Akimitsu J, et al. J. Phys. Soc Jpn.74 (5), 1386-1389 (2005).
- 131.2.-de la Mora P, Castro M, Tavizon G. J. Phys.: Condens. Matter 17, 965 (2005).
- 131.3.-Gasparov VA, Sidorov NS, Zver'kova II, et al. J. of Experimental and Theoretical Physics 101 (1). 98-106 (2005).
- 131.4.-Nunes CA, Kaczorowski D, Rogl P, et al. Acta Materialia 53: 3679-3687 (2005).
- 131.5.-Gasparov VA, Sidorov NS, Zver'kova II. Phys. Rev. B 73 (9): 094510 (2006).
- 131.6.-Escamilla R, Huerta L. Supercond. Sci. Tecnol. 19: 623-628 (2006).
- 131.7.-Shein IR, Ivanovskii AL. Phys. Rev. B 73 (14): 144108 (2006).
- 131.8.-Nishimura K, Mori K, Ohya K, et al. AIP Conference Proceeding 850: 639-640 (2006).

- 131.9.-E Regalado, R. Escamilla. *J. Phys.: Condens. Matter* 19, 376209 (2007).
- 131.10.-Kuroiwa S, Tomita Y, Sugimoto A, et al. *J. of Phys. Soc. Jap.* 76 (9): 094705 (2007).
- 131.11.-Zhi-An Ren, Sogo Kuroiwa, Yoko Tomita, and Jun Akimitsu. *Physica C* (2008), doi: 10.1016/j.physc.2008.01.001
- 131.12.-R. Khasanov, A. Shengelaya, A. Maisuradze, et al. *Phys. Rev B* 77, 064506 (2008).
- 131.13.-Gasparov VA, Sidorov NS, Zver'kova II. ArXiv: cond-mat/0508151v2
- 131.14.-Andrzejewski A. arXiv: cond-mat/0803.0644 2008
- 131.15.-Liu GT, Jin H, Li Z, et al. *Chinese Physics Letters* 25 (2): 687-690 (2008).
- 131.16.-Andrejewski B, Guilmeau E, Kowalczyk, A. *Supercond. Science and Techn.* 21 (4): 045008 (2008).
- 131.17.-Ren ZA, Kuroiwa S, Tomita Y, et al. *PHYSICA C*. 468 (4) 045008 (2008).
- 131.18.-Shein IR, Ivanovskii AL. *Physica C* 468, 2224-2228 (2008).
- 131.19.-Mudget Monika, Awana VPS, Bhalla GL, Kishan H. *Solid State Comm.* 147, 439-442 (2008).
- 131.20.-Ivanovskii AL, Shein IR, Medvedeva NI. *Russian Chemical Reviews* 77 (5) 467-486 (2008).
- 131.21.-Su TH, Lue CS, and Kuo YK. *Journal of Applied Physics* 104, 093705 (2008).
- 131.22.-Mudget M, Awana VPS, Kishan M, et al. *JM Mudget, VPS Awana, Journal of Superconductivity and Novel Magnetism* 21; 2224-2228 (2008).
- 131.23.-Andrzejewski B. *CRYOGENICS* 48 (11-12): 478-482 (2008).
- 131.24.-Li XF, JiGF, Zhao F, et al. *Journal of Physics: Condensed Matter*. 21 (2): 025505 (2009).
- 131.25.-M Mudget, VPS Awana, H. Kishan, et al. *Journal of Applied Physics* 105, 07E313 (2009).
- 131.26.-Naoki Kase, Jun Akimitsu. *J. of the Phys. Soc. Of Japan*. 78 (4), 044710 (2009).
- 131.27.-Vojteer N. Dissertation. Albert Ludwigs Universitat Freiburg im Breisgau. 2008.
- 131.28.-Su Thz-hsiang. Doctoral Dissertation. Etdncku.lib.ncku.edu.tw. etd-0812109-13934, 2009.
- 131.29.-Kase N, Akimitsu J *Journal of the Physical Society of Japan* 78 (4), art. 044710. (2009).
- 131.30.-Huerta L, Duran A, Falconi R, et al. *Physica C* 470 (9-10) 456-460 (2010).
- 131.31.-GasparovVA. in *Electron structure, transport and superconducting properties of ZrB<sub>12</sub>, ZrB<sub>2</sub>, YB<sub>6</sub> and MgB<sub>2</sub>*. NATO Series B: Physics and Biophysics, 2011, 237-260, DOI: 10.1007/978-90-481-9818-4\_16
- 131.32.-Mushkolaj Shend. Perfectly elastic collisions as the origin of the quantum states of superconductivity and magnetic order.-arXiv:0810.4265v1..
- 131.33.-R. Fedreration. *Boron Rich Solids: Sensors, Ultra High...* 2010. Books google.com.
- 131.34.-Ivanovskii AL. *Journal of Superhard Materials* 33 (2): 73-87 (2011).
- 131.35.-Shpend AL, Arxiv preprint arXiv:0810.4265, 2008.
- 131.36.-Gasparov VA Boron Richd solids: Sensors, Ultra high Temperature Ceramics, Thermoelectri8c ,Armor 237-260 (2010).
- 131.37.-Huerta L, Duran A, Falconi R, et al. *Physics C* 470 (9-10): 456 (2010).
- 131.38.-Ivanovskii AL. *Progress in Materials Science*. 57 (1): 184 (2012). Doi: 10.1016/j.matsci.2011.05.004
- 131.39.-Escamilla R, Huerta L, Morales F, et al. *Supercondeutor Science & Technology* 25 (1): 015002 (2012).
- 131.40.-Shenbao Jin, Ping Shen, Yanjun Li, et al. *CrystEngComm* 14, 1925 (2012).
- 131.41.-Tanveer Ahmad Wani, Pankaja Singh, A. Saud Khan, et al. *Recent Research in Science and Technology*, vol. 2, No. 5 (2010).
- 131.42.-S.Jin, P. Shen, D.Zhou, et al. *Crystal Growth & Design*. 12 (6): 2814. DOI: 10.1021/cg201604z 2012.
132. Magnetic and optical properties of trans-RSSR-{CrCl<sub>2</sub>(cyclam)}<sub>2</sub>ZnCl<sub>4</sub> (cyclam=1,4,8,11-tetraazacyclotetradecane) attributed to counterion via hydrogen bonding. Marcos Flores-Álamo, Martha E Sosa-Torres, Alejandro Solano-Peralta, Roberto Escudero, Rubén A Toscano, Miguel Castro, Enrique Camarillo, José M Hernandez, Héctor Murrieta. *Inorganica Chimica Acta*. 357 (15): 4596-4601. (2004).
- 132.1.-Holder AA. *Annu. Rep. Prog. Chem., Sect A*, 101. 161-193 (2005).
- 132.2.-Choi JH, Clegg W, Nichols GS, et al. *Spectrochimica Acta Part A- Molecular and Biomolecular Spectroscopy* 68(3): 796-801 (2007).
133. Presssure stimulated electronic transitions in mats of single-walled carbon nanotubes. R. Falconi, JA Azamar, and R. Escudero. *STATISTICAL PHYSICS AND BEYOND: 2nd Mexican Meeting on Mathematical and Experimental Physics*. AIP Conference Proceeding Vol. 757, pages 146-155 (2005).

134. Barrier characteristic in Nb/Ni planar tunnel junctions. EM Gonzalez, FJ Palomares, R. Escudero, JE Villegas, JM Gonzalez, and JL Vicent. *Journal of Magnetism and Magnetic Materials*. 286, 146-149 (2005).
- 134.1.-Perez-Junquera A, Gonzalez EM, Gonzalez MP, et al. *J. Physics and Chemistry of Solids*. 67 (1-3): 381-383 (2006).
- 134.2.-Gonzalez EM, Folgueras AD, Escudero R, et al. *New Journal of Physics* 9: 34 Feb 21 (2007).
- 134.3.-Gutierrez Gonzalez CF, Moya JS, Palomares FJ, et al. *Journal of the American Ceramic Society*. 93 (7): 1842 (2010).
135. Structural analysis and transport properties of  $(\text{Ru}_{1-x}\text{Co}_x)\text{Sr}_2\text{Gd}_2\text{O}_8$  System. R. Escamilla, A. Durán, and R. Escudero. *Supercond. Sci. and Technol.* 18, 1003-1009 (2005).
- 135.1.- Duran A, Bernes S, Falconi R, et al. *Phys. Rev. B*. 74 (13) 134513 (2006).
- 135.2.-Balamurugan S. *J. Super. Novel Mag.* 23 (7), 1359 (2010).
136. Crystalline structure and physical properties of  $\text{UCo}_2\text{Al}_3$ . E. Verdín and R. Escudero. *International Journal of Modern Phys. B*. 18, No. 30, 3905-3914 (2004).
137. Magnetic Properties and Crystal Structure of a One Dimensional Phase of Tetrakis ( $\mu$ 2-benzoato-O,O')-bis(dimethylsulfoxide)-di-copper(II). Y. Reyes-Ortega, J. L. Alcantara-Flores, M. C. Hernández-Galindo, D. Ramirez-Rosales, S. Bernes, J. C. Ramirez-García, R. Zamorano-Ulloa, and R. Escudero. *J. AM. CHEM. SOC.* Vol 127, No. 46, 16312 - 16317 (2005).
- 137.1.-Wu MY, Huang YG, Wei W, et al. *Acta Crystallographica Section E-Structure Reports online* 63:M94-M96 Part 1 (2007).
- 137.2.-Quintero Tellez G, Alvarez CMG, Bernes S, et al. *Acta Crystallographica, Section E- Structure Reports* M631-U261 part 5 (2008).
- 137.3.-Huang YQ, Zhao XQ, Shi W, et al. *Crystal Growth & Design* 8 (10): 3652. (2008).
- 137.4.-Zhang HX, Yao QX, Jin XH, et al. *CRYSTENGCOMM* 11 (9): 1807-1810. (2009).
- 137.5.-Li Huijun, Yao Hongchang, Zhang Erpeng, et al. *Dalton Transactions* 40 (37): 9388-9393 (2011).
- 137.6.-Calvo Perez V, Ardiles M E, Yazdani-Pedram M, Spodine E. *Conamat/SAM* 2006.
- 137.7.-Quintero Tellez G, Gonzales Alvarez CM, Bernes S, et al. *Acta Crystallographica Section E. E64*, m 631-m632, Part 5 (2008).
138. Influence of Ferromagnetic Thickness on Structural and Magnetic Properties of Exchange-Biased Manganite Superlattices. G Campillo, M. E. Gomez, A. Berger, A. Hoffman, R. Escudero and P. Prieto. *J. Appl. Phys.* 99, 08C106 (2006).
- 138.1.- Gomez ME, Campillo G, Ramirez JG, et al. *Phys. Stat. Sol. (c)* 4, No. 11, 4181-4187 (2007).
- Marin L, Ramirez JG, Gomez ME. *International Conf. On Magnetism (ICM 2009)*, 200, (2010).
- 138.2.-Laverdiere J, Jandl S, Fournier P. *Phys. Rev. B*. 84 (10): 104434. (2011).
- 138.3.-Marin L, Ramirez J-G, Gomez ME. *Journal of Physics: Conferwence Series* 200, UNSP 072064 (2010).
139. Isomorphous Intermetallic  $\text{PrT}_2\text{B}_2\text{C}$  (T= Co, Ni, Pt) Single Crystals: Structural, Transport and Magnetic Properties. A. Durán, S. Bernès, R. Falconi, R. Escudero. O. Laborde, M. Guillot. *Phys. Rev. B*. 74 (13) 134513 (2006).
- 139.1.-Niewa R, Shlyk L, Blasschkowski B. *Zeitschr fur Kristallographie* 226 (4): 352-384 (2011).
- 139.2.-Morales F, Escudero R, Duran A. *J. Low Temp.* 153 (1-2): 15-25 (2011).
- 139.3.-Muller K.-H, Schneider M, Fuchs G, et al. *Handbook on the Physics and Chemistry of rare Earths* 38, 175-336 (2007).
- 139.4.-Galvan DH, Duran A, Amarillas AP, Escudero R. *Phys. Rev. B*. 74 (24), 245121 (2006).
- 139.5.-Falconi R, Duran A, Nuñez-Regueiro M, et al. *Phys. Stat. Solidi A*. 208, 2159 (2011).
140. Synthesis and characterization of an iron oxide-poly(styrene-co-carboxybutylmaleimide) ferromagnetic composite. Selene Sepúlveda-Guzmán, Lucía Lara, Odilia Pérez-Camacho, Oliverio Rodríguez-Fernández, Amelia Olivas, and Roberto Escudero. *Polymer* 48(3): 720-727 (2007).
- 140.1.-Guo Z, Park S, Wei S, et al. *Nanotechnology* 18 (33):335704 (2007).
- 140.2.- Li S, Wang B, Meng Q, et al. *He Jishu/Nuclear Techniques* 32 (4): 251-255 (2009).
- 140.3.-Yu J, Duan L.B, Wang YC, Rao GH. *Journal of Solid State Chemistry* 182 (6): 1563-1569 (2009).

- 140.4.-Guo ZH, Shin K, Karki AB, et al. *Journal of Nanoparticle Research.* 11 (6): 1441-1452 (2009).
- 140.5.-Luna-Martinez JF, Reyes-Melo E, Gonzalez Gonzales V, et al. *Advanced Electron Microscopy and Nanomaterials* 644, 51-55 (2010).
- 140.6.-Guo, Z., Wei, S., Cocke, D. and Zhang, D. (2010) Magnetic and Electron Transport Behaviors of Conductive-Polymer Nanocomposites, in Nanostructured Conductive Polymers (ed A. Eftekhar), John Wiley & Sons, Ltd, Chichester, UK. doi: 10.1002/9780470661338.ch12
- 140.7.-Luna Martinez JF, ReyesMelo E, Gonzalez Gonzalez V, et al. *Materials Science Forum* 51, 244 (2010).
- 140.8.-Wei Suying, Zhu J, Mavinakuli P and Guo Z. *Multifunctional Polymer Nanocomposites.* Edit by J Leng and A. Kin-tak Lau. CRC Press. 2011. Chap 4 Magnetic polymer Nanocomposites: Fabrication, Processing, Property Analysis, and Applications.
- 140.9.-F. Luna-Martinez, JF Reyes-Melo, E Gonzalez-Gonzalez, et al. *J. of Applied Polymer Science* 127 (3): 2325 (2012).
- 141 Ferromagnetic behavior of carbon nanospheres encapsulating silver nanoparticles. R. Caudillo, X. Gao, R. Escudero, M. José-Yacaman, and J.B. Goodenough. *Phys. Rev. B* 74 (21), 214418 (2006).
- 141.1.-Qiu XQ, Li LP, Tang CL, et al. *Journal of the American Chemical Society.* 129 (39):11`908 (2007).
- 141.2.-Meuring Thomas J, Simpson ET, Kasama T, et al. *Account of Chemical Research* 41 (5): 665-674 (2008).
- 141.3.-Borysiuk J, Grabias A, Szczytko J, et al. *Carbon* 46: 1693-1701 (2008).
- 141.4.-Deng S, Loh KP, Yi JB, et al. *Applied Physics Letters* 93 (19): 193111 (2008).
- 141.5.-Guizhen Wang, Gengping Wan, ChunCheng Hao. *Modern Physics Letters B*, Vol. 23, No. 17 (2009) 2149-2153.
- 141.6.-Wu CM, Li CY, Kuo YT, Wu SY, et al. *Journal of Nanoparticle Research.* 12 (1): Sp.Iss.SI , 177-185 (2010).
- 141.7.-Makarova TL, Imura KI, Kuramoto Y, et al. Epint arXiv: 0904.1550.2009.
- 141.8.-Schroder KA, McCool SC, Burlan WF. NOVACENTRIX. NSTI Nanotech 2006.
- 141.9.-Sergeenkov S, Souza NS, Spegliche C, et al. *Journal of Applied Physics* 106 (11), 116101 (2009).
- 141.10.-Wu Chun Ming, Li Chi-Yen, Kuo Yen Ting, et al. *J. Nanopart Res* 12: 177 (2010).
- 141.11.-Lu WH, Wu CM. *Phys. Rev. B* 82 (1), 177-185 (2010).
- 141.12.-Sattler KD. *Editor Handbook of Nanophysics, Principles amd Methods.* Taylor & Francis Group. 2011.
- 141.13.-Tatiana Makarova, in *Handbook of Nanophysics* 7, Klaus D. Sattler, editor. Taylor & Francis Publisher CRC Press.
- 141.14.-Ohldag H, Esquinazi P, Arenholz E, et al. *New Journal of Physics.* 12, 123012 (2010).
- 141.15.-Li WH, Wu CM. *Phys. Rev. B.* 82 (1): 016504. (2010).
- 141.16.-Niu HeLin, Wu XuHu, Qui Min, et al. *Journal of Material Research.* Doi: 10.1557/jmr.2011.251 Aug. 2011.
- 141.17.-I Felner, I Nowik. *J. of Superconductivity and Novel magnetism.* 24 (4): 1363 (2011).
- 141.18.-Uhm Young Rang, Lee Hi Min, Olga Fedorova, et al. *Research on Chemical Intermediates.* 36 (6-7) 867. (2010).
- 141.19.- Xue J, Chen SC, Tang HK, et al. *Advanced materials Research* 97-101.pp. 2201-2204 (2010).
- 141.20.-I Felner, E. Prilutskiy. *J. Supercond. Nov. Magn.* Doi 10.1007/s10948-012-1757-0 (2012).
- 141.21.-Stanisheysky Andrei V, Styres Courtney, Yockell Lelievre helene, at al. *J. Nanoscience and Nanotechnology* 11 (10): 8705 (2011).
- 141.22.-Yiting Shen. Master Thesis. <http://thesis.lib.ncu.edu.tw/2010>.
142. A Theoretical Study of the Electronic Properties of  $\text{PrM}_2\text{B}_2\text{C}$  ( $\text{M} = \text{Co, Ni, and Pt}$ ). Donald H Galván, A. Durán, A. Posadas Amarillas, and R. Escudero. *Phys. Rev. B.* 74 (24), 245121(2006).
- 142.1.-Huerta L, Duran A, Falconi R, et al. *Physica C* 470 (9-10): 456 (2010).
- 142.2.-Niewa R, Shlyk L, Blaschkowski B. *Zeitschrift fur Kristallographie.* 226 (4): 352-384 (2011).
- 142.3.-Morales F, Escudero R, Duran A. *J. Low Temp.* 153 (1-2): 15-25 (2011).
143. Flux jumps in irradiated  $\text{MgB}_2$  dense samples. E. Verdín, C. Romero, F. Morales, R. Escudero, E. Adem, J. Rickards, A. Durán, D. H. Galván, M. B. Maple. *Rev. Mex. Fis. S* 53(7): 7-11 (2007).

144. Magnetic Properties of Multiferroic  $TbMnO_3$  Doped with Al. F. Pérez, J. Heiras, and R. Escudero. *Physica Status Solidi C*. 4 No. 11, 4049-4053 (2007).
- 144.1.-Perez F, Heiras J, Siqueiros J, et al. Materials Research Soc. Symposium Proceeding 1110 42 (2008).
- 144.2.- Ray SK, Buroker L, Williamsen Ms, et al. Material Research Symposium Proceeding 1199, 38- 43 (2010).
- 144.3.-Perez Osuna F, Siqueiros JM, Duran A, et al. *Journal of Applied Physics* 112 (3): 033914 (2012).
- 144.4.-Collazos JC, Bonilla FJ, Heiras J, et al. *J. of Superconductivity and Novel Magnetism*. 25 (7): 2231-2234. (2012).
145. Spin Polarized Current and Andreev Transmission in Planar Superconducting Ferromagnetic Nb/Ni Junctions. E.M. González, A.D. Folgueras, R. Escudero, J. Ferrer, F. Guinea, and J. L. Vicent. *New Journal of Physics*. 9, 34 (2007).
- 145.1.-Barsic PH, Valls OT. *Phys. Rev. B*. 79 (1): 014502 (2009).
- 145.2.-Zahra Shomali, Malek Zareyan, Wolfgang Belzig. *New Jurnal of Physics*. 13, 083033 (2011).
146. Flux Jumps in Hot-isostatic Pressed Bulk  $MgB_2$  Superconductor: Experiment and Theory. C. Romero-Salazar, F. Morales, and R. Escudero, A. Durán, O.A. Hernández-Flores. *Phys. Rev. B*.76 (10) 104521 (2007).
- 146.1.-Andrejewski B, Guilmeau E, Kowalczyk, A. Supercond. Science and Techn. 21 (4): 045008 (2008).
- 146.2.-Tarantini C, Manfrinetti P, Palenzona A, et al. *Journal of Applied Physics* 104 (1): 013903 (2008).
- 146.3.-Zhao Q, Liu YC, Han YJ, et al. *Physica C-Superconductivity and its Applications* 469 (14): 857-861 (2009).
- 146.4.-Yang XB, Zhou YH, Tu SD. *Physica C* 470 (2):109-114 (2010).
- 146.5.-Varghese N, Vinod K, Shipra, et al. *J. of the American Ceramic Soc.* 93 (3): 732-736 (2010).
- 146.6.-Aldica G, Badica P, Plapcianu C, et al. *J. Optoelectronics and Advanced Materiales*. 12 (9): 2000 (2010).
- 146.7.-Tien C, Charnaya EV, Xing DY, et al. *Phys. Rev. B* 83 (1): 014502 (2011).
- 146.8.-Tien C, Pirozerskii AL, Charnaya EV, et al. *J. of Applied Physics* 109 (5): 053905 (2011).
- 146.9.-Varghese N, Vinod K, Syamaprasad U, et al. *J. of Alloy and Compounds* 484 (1-2): 734-738. (2009).
- 146.10.-S. Rahul, Nelson Varghese, K. Vinod, et al. *Material Research Bulletin*. Doi: 10.1016/j.materresbull.2011.07.005.
- 145.11.-Pramanik AK, Aswartham S, Wolter AUB, Wurmehl S, et al. arXiv:1205.2210. 2012.
147. Structure and magnetic properties of the weak ferromagnet  $Sr_{2-x}La_xIrO_4$ . C. Cosio Castañeda, G. Tavizón, A. Baeza, P. De la Mora, and R. Escudero. *J. of Physics: Condensed Matter*. 19 (44): 446210 (2007)
- 147.1.-Klein Y, Terasaki I. *Journal of Physics-Condensed Matter* 20 (29): 295201 (2008).
- 147.2.-Mizusaki S, Toyoda Y, Ohnishi T, et al. *J. Physics: Condensed Matter* 21, 33 (2009).
- 147.3.-Morito H, Oikawa K, Fucamichi K, et al. *Journal of Physics: Condensed Matter*. 21, 0760001 (2010).
- 147.4.-Martins Cyril. These 26/11/23010. Centre de Physique Theorique CNRS: UMR7644 Politechnique – X. May 2011.
- 147.5.-Ament LJP, Khaliullin G, van den Brink J. *Phys. Rev. B*. 84(2): 020403 (2011).
- 147.6.-Lee JS, Krockenberger Y, Takashi KS, et al. *Phys. Rev. B*. 85 (3): 035101 (2012).
- 147.7.-Ament Lj, Veenendaal Mvan. Deveraux TP, et al. *Rev. Mod. Phys.* 83, 705-767 (2011).
- 147.8.-Gatimu AJ, Berhelot R, Muir S, et al. *Journal of Solid State Chemistry*. 190, 257 (2012).doi.org/10.1016/j.jssc.2012.02.058. (2012).
148. New dinuclear cobalt (II) octaaza macrocyclic complexes with high oxidation, redox potentials: Their crystal structure and unusual magnetic properties J. Narayanan, A. Solano-Peralta, V.M. Ugalde-Saldivar, R. Escudero, H. Höpfl, and M.E. Sosa-Torres. *Inorganic Chimica Acta*. 361 (9-10) 2747-2578 (2008).
- 148.1.-Prasad RS, Thomas J, Jha NK. *Journal of Chemical Crystallography* 40 (2): 122-125 (2010).
- 148.2.-Narayan J, Sosa Torres ME, Hopfl H. *Journal of Chemical Crystallography* 41 (2): 236- 240 (2011).
- 148.3.-Melchior A, Tolazzi M. *Inorganic Chimica Acta*. 367 (1): 120- 126. (2011).
- 148.4.-Ma Z, Ran GY. *J. of Coordination Chemistry*. 64 (8): 1446-1455 (2011).

149. Crystall structure, spectroscopy and ferromagnet-structural behavior of the complex  $[Cu^{II}(L)(Cl)(L')].H_2O$  ( $L=2$ -aminomethylbenzimidazole,  $L'=L$ -Isoleucinate). Carpintero López G, Alcantara Flores JL, Ramirez Rosales D, Escudero R, Cabrera Vivas BM, Bernes S, Zamorano Ulloa R, and Reyes Ortega Y. ARKIVOC (V), 31- 42 (2008).

150. Enhancement of the current density  $J_c$  for  $Bi_2Sr_2CaCu_2O_8$  by means of carbon and  $NbSe_2$  nanotubes. D. H. Galván, A. Durán, E. F. Castillón, E. Adem, R. Escudero, D. Ferrer, A. Torres, and M. José Yacamán. Journal of Superconductivity and Novel Magnetism. 21: 271-277 (2008).

150.1.-Kong W, Abd-Shukor R. Journal of Superconductivity and Novel Magnetism. 23 (2): 257-263 (2010).

151. Spin fluctuations and itinerant magnetism in  $PrCo_2B_2C$  compound. F. Morales, R. Escudero, and A. Durán. Journal of Low Temperature. 153: 15-25 (2008).

151.1.-Tackett R, Lawes G, Suryanarayanan R, et al. J. of Physics: Condensed Matter. 23 15 (2011).

151.2.- Falconi R, Duran A, Nuñez-Regueiro M, et al. Phys. Stat. Solidi A. 208, 2159 (2011).

152. Magnetic instabilities in irradiated  $MgB_2$  dense samples. A. Durán, E. Verdín, D. Galván, C Romero-Salazar, F. Morales, E. Adem, J. Richard, M. Maple, and R. Escudero. Journal of Applied Physics. 104 093917 (2008).

152.1.-Varghese N, Vinod K, Syamaprasad U, et al. Journal of alloys and Compounds 484 (1-2): 734-738 (2009).

152.2.-Varghese N, Vinod K, Chattopadhyay MK, et al. Journal of Applied Physics. 107, 013907, (2010).

152.3.-Varghese N, Vinod K, Shipra, et al. Journal of American Ceramic Soc. 93 (3): 732-736 (2010).

152.4.-Varghese N, Vinod Y, Rahul S, et al. J. of American Ceramic Society 94(4): 1133-1137 (2011).

152.5.-S. Rahul, Nelson Varghese, K.Vinod. Materia Research Bulletin, 46 (11) 2036 (2011). doi: 10.1016/j.materresbull. 2011.07.005.

153. Pseudogap and superconducting energy gap in single crystals of  $URu_2Si_2$  by point contact spectroscopy. F. Morales, and R. Escudero. Journal of Low Temperature Physics. 154 (1): 68-75 (2009).

153.1.- Basov DN, Averitt RD, der Marel DV, et. al. Electrodynamic of Correlated Electron Materials. Optics. Unige.ch (2010)

153.2.-Haraldsen JT, Dubi y, Curro NJ, Balasky AV. arXiv: 1104.2931, 2011

153.3.-Basov DN, Averitt RD, van der Marel, et al. Reviews of Modern Physics. 83 (2): 471-541 (2011).

153.4.- Haraldsen JT, Dubi Y, Curro NJ, et al. arXiv:1104.2931v2. 18 Jun 2011.

153.5.-Mydosh JA, Oppeneer PM. arXiv:11070258v1. (2011).

153.6. Haraldsen JT, Dubi Y, Curro NJ, et al. arXiv:1104.2931v2. 8 Sept 2011.

153.7.- Mydosh JA, Oppeneer PM. Reviews of Modern Physics. 83(4): doi: 10.1103/Rev. Mod. Phys. 83.1301 (2011).

153.8.-Haraldsen JT, Dubi Y, Curro NJ, et al. Phys. Rev. B.84 (21): 214410 (2011).

153.9.-Altarawneh MM, Harrison N, LiG, et al. Phys. Rev. lett. 108 (6): 066407 (2012).

154. Magnetic and high frequency EPR studies of an octahedral Fe(III) compound with unusual zero field splitting parameters. A. Solano-Peralta, J. P. Saucedo-Vazquez, R. Escudero, H. Hopfl, H. El-Mkami, G. Smith, M. E Sosa-Torres. Dalton Transactions 9 1668-1674 (2009).

154.1.-Lee KM, Chen CC, Huang CJ, et al. CrystEngComm. 11 (12): 2804-2809 (2009).

154.2.-Lee CH, Su FY, Lin YH, et al. CRYSTENGCOMM 13 (7): 2318 (2011).

154.3.-Su Chien-Cheng, Lee Kwang-Ming. CRYSTENGCOMM. 14(4): 1283-1288 (2012).

154.4.-Wu An-Kai, Lee Kwang-Ming. CRYSTENGCOMM 14(10): 3424-3432 (2012).

155. Crystal Structure of four Strontium Lantanum Iridium Oxides:  $Sr_{2-x}La_xIrO_4$ . By C. Cosio Castañeda, G. Tavizón, A. Baeza, P. De la Mora, and R. Escudero. International Centre for Diffraction Data. Cat 60-452 – 60-453, 60-454, 60-1512. Nov. (2010).

156. Specific Heat Studies of Pure  $Nb_3Sn$  Single Crystals at Low Temperature. R. Escudero, F. Morales, and S. Bernes. Journal of Physics: Condensed. Matter. 21, 325701 (2009).

- 156.1.-Gabovich AM, Voitenko AI, Ekino T, et al. Adavances in Condensed Matter Physics. 2010, 681070. (2009).
- 156.2.-Acosta Naranjo M, Lezama Pacheco J, Falconi R, et al. J of Superconductivity and Novel Magnetism 24(3): 1219 (2011).
157. Effects of Substituting Se with Te in the FeSe Compound: Structural, Magnetization and Mossbauer Studies. R.W. Gomez, V. Marquina, J.L. Perez-Mazariego, R. Escamilla, R. Escudero, M. Quintana, JU.J. Hernandez-Gomez, R. Ridaura, and M. L. Marquina. Journal of Superconductivity and Novel Magnetism. DOI 10.1007/s10948-010-0764-2 (2010).
- 157.1.-Chandra S, Islam AKMA. Physica C 470 (22), 2072 (2010).
- 157.2.-Gawryluk DJ, Fink-Finowicki J, Wisniewski A, et al. Superconductor Science & Technology 24 (6): 065011 (2011).
- 157.3.-Hernandez-Gomez JJ, Marquina V, Gomez RW. arXiv:1107.0059v1. (2011).
- 157.4.- Hernandez-Gomez JJ, Marquina V, Gomez RW. Rev. Mex. 58 (1): 13-18 (2012).
- 157.5.-Nitsche F, Goltz T, Klauss HH, et al. Inorganic Chemistry 51 (13): 7370 (2012).
- 157.6.-Hacisalihoglu MY, Yammaz E. arXiv: 1206.0401v1 2012.
- 157.7.-Krishna T, Satya, Bhatnagar AK. Book editors: Mittal R, et al. 56<sup>th</sup> DAE-Solid State Physics Symposium. AIP Conference Proceeding 1447, 881-882 doi 10.1063/1.4710284 (2012).
- 157.8.-Grechnev GE, Panfilov AS, Desnenko VA, et al. J. of Physics-Condensed matter 25(4): 046004 (2013).
158. Point Contact Spectroscopy of Nb<sub>3</sub>Sn Crystals: Evidence of a CDW Gap Related to the Martensitic Transition. R. Escudero and F. Morales. Solid State Communication. 150 (15-16), 715- 719. (2010).
- 158.1.-Arham HZ, et al. Phys. Rev. B 85 (21): 214515 (2012).
159. Hydrothermal Synthesis of Co<sub>3</sub>O<sub>4</sub> Nano-Octahedra and Their Magnetic Properties. Ana-Fernández Osorio, América Vazquez Olmos, Roberto Sato Berru, and Roberto Escudero. Reviews on Advanced Material Science. 22, 60-66 (2009).
- 159.1.-Pantic I, Reviews on Advanced materials Science 26 (1-2) 67, (2010).
- 159.2.-Li H, Fei GT, Cui P, et al. Chinese Journal of Chemical Physics 24(3): 343-347 (2011).
160. Magnetic Anomaly in Superconducting FeSe. D. Mendoza, J. L. Benítez, F. Morales, and R. Escudero. Solid State Communications. 150 (25- 26), 1124- 1127 (2010).
- 160.1.-Gooch M, Lv B, Deng LZ, et al. Phys. Rev. B 84 (18): 184517 (2011).
- 160.2.-Wang Wei, Sun Jiafa, Li Suwen, et al. Physica C 472 (1): 29-33 (2012).
- 160.3.-Xiaoting L, Zhiming G, et al. IEEE Transactions on Applied Superconductivity. 22 (6): 7300105 (2012).
161. Ferromagnetic Behavior of High Purity ZnO Nanoparticles. R. Escudero, R. Escamilla. Solid State Comm. 151 (2), 97- 101 (2011).
- 161.1.-Zou CW, Shao LX, Guo LP, et al. J. of Crystal Growth. 331(1): 44-48 (2011).
- 161.2.-Morales-Rodriguez HJ, Espinosa- Magaña F. Mircon 43 (2-3): 177-182 (2012).
- 161.3.-Sun Shaohua, Wu Ping, Xing Pengfei. J. Magnetism and Magnetic materials. 324 (18): 2932 (2012).
162. Weak Ferromagnetism in Cobalt Oxalate Crystals. E. Romero, M. E. Mendoza, R. Escudero. Phys. Status Solidi B, Phys. Status Solidi B 248, No. 6, 1519–1525 (2011) / DOI 10.1002/pssb.201046402DOI:
163. Possible coexistence of superconductivity and magnetism in NiBi<sub>3</sub>. Esmeralda Liset Martinez, Brenda Lizette Ruiz Herrera, and Roberto Escudero. Solid State Communications 151, 425- 429, (2011).
- 163.1.-Hermannsdorfer T, Skrotzki R, Wosnitza J, et al. Phys. Rev. B. 83, 140501 (2011).
- 163.2.-Kumar J, kumar A, Vajpayee A, et al. arXiv:1105.5246. May 2011. Sup. Sci. & Tech.
- 163.3.-Kumar J, Kumar A, Valpayee A, et al. Superconductor Science and Technology 24 (8): 085002 (2011).
- 163.4.-Zhu Xiangde, Lei Hechang, Petrovic C, Zhang Y. arXiv:1207.3345v1. Jul. 2012.
- 163.5.- Zhu Xiangde, Lei Hechang, petrovic Cedomir, et al. Phys. Rev. B. 86024527 (2012).
- 163.6.-Pradeep S, Renu Agarwal, et al. J. of Chemical Thermodynamic 57 470-476. (2013).

164. Local Structure Instability Across the Martensitic Transition in Nb<sub>3</sub>Sn. M. Acosta-Alejandro, J. Lezama-Pacheco, R. Falconi, R. Escudero, J. Mustre de Leon. *J. Supercond. Nov. Magn.* 24: 1219-1223 (2011). DOI: 10.1007/s10948-010-1113-1. (2011).
165. Mechanisms of Combustion Synthesis and Magnetic Response of High-Surface-Area Hexaboride Compound. Raghunath Kanakala, Roberto Escudero, Gabriel Rojas-George, Mohan Ramisetty, and Olivia A. Graeve. *ACS. Applied Materials & Interfaces*. 3, 1093-1100 (2011).
166. Pressure Effects in PrT<sub>2</sub>B<sub>2</sub>C (T = Co, Ni, Pt): Applied and Chemical Pressure. R Falconi, A Durán, M Núñez-Regueiro, and R. Escudero. *Phys. Status Solidi A* 208, No. 9, 2159–2165 (2011) / DOI 10.1002/pssa.201026513.
167. Mechanism of small-polaron formation in the biferroic YCrO<sub>3</sub> doped with calcium. A. Durán, E. Verdin, R. Escamilla, F. Morales, R. Escudero. *Materials Chemistry and Physics*. 133 (2012) 1011-1017.  
167.1.-Tan W, Fan L, raza R, et al. *International Journal of Hydrogen Energy*. 38 (1): 370 (2013).
168. Metamagnetism and Weak Ferromagnetism in Nickel(II) Oxalate Crystals E. Romero, M. E. Mendoza, and R. Escudero. *Journal of Physics: Condens. Matter* 24 (2012) 196003.  
168.1.-Mikhalyova EA, Kolotilov SV, Cador O, et al. *Dalton Transactions* 41 (37): 11319-11329, (2012).
169. Magnetic properties of polymerized diphenyloctatetrayne. Miriam F. Beristaina, Maria F. Jimenez-Solomona, Alejandra Ortega, Roberto Escudero, Eduardo Muñoz, Yasunari Maekawa, Hiroshi Koshikawa and Takeshi Ogawa. *Materials Chemistry and Physics*. MATCHMPHYS 136, 1116-1123 (2012).
170. Magnetic behavior of the Bi<sub>2-y</sub>S<sub>y</sub>Ir<sub>2</sub>O<sub>7</sub> Pyrochlore Solid Solution. C. Cosío-Castañeda, P. de la Mora, F. Morales, R. Escudero, G. Tavizón. *J. of Solid State Chemistry*. 200 (2013) 49-53.
171. ESR and Magnetic Studies of Octahedral [Fe(III)(Cl)(pcd)(H<sub>2</sub>O)(DMSO)] (pcd = pyridine-2,6-dicarboxylato) Compound Showing Fe(III) Species with Different Spin States in Solution. S. Hernandez-Anzaldo, N. Sanchez Morales, R. Zamorano-Ulloa, R. Escudero, M. Rosales Hoz, Y. Reyes-Ortega. *Journal of Molecular Structures* 1040 (2013) 39-46.
172. Glassy magnetic behavior in the metamagnetic DyAlO<sub>3</sub> doped with Cr. R. Escudero, B.L. Ruiz-Herrera, M.P. Jimenez, F. Morales. *J. Mater Sci*. (2013) 48:7238-7244. DOI 10.1007/s10853-013-7540-1. (2013).