

BOOKS, CHAPTERS OF BOOKS AND PROCEEDINGS, 1999

- 1.- *Hybrid Materials based on Conducting Organic Polymers and Electroactive Inorganic Molecules and Oxides. Application as Lithium Insertion Electrodes.*
Material Research Society Symposium Proceedings. Solid State Ionics, edited by G.A. Nazri, C. Julien, A. Rougie, (1999), pp. 367-376
M. Lira-Cantú, G. Torres-Gómez and P. Gómez-Romero
- 2.- *Defects and microstructural engineering in melt-textured RE123 superconductors*
Studies of high temperature superconductors, Edited by Nova Science Publishers, Inc., vol. 28 (1999) pp. 43-92
F. Sandiumenge and J. Rabier
- 3.- *Magnetoresistance at interfaces in submicrometric manganese perovskites ceramics*
Nano-Crystalline and Thin Film Magnetic Oxides. NATO-Science series, 3. High Technology- 72, pp. 105-118. Kluwer Academic Publishers. Dordrech (1999)
J. Fontcuberta, L. Balcells, B.Martínez and X. Obradors
- 4.- *Low-dimensional organic superconductors k -(BEDT-TTF) $_2$ Cu[N(CN) $_2$]X, where X = Br $_{0.5}$ Cl $_{0.5}$, Br $_{0.7}$ Cl $_{0.3}$ and Br $_{0.9}$ I $_{0.1}$*
Supramolecular Engineering of Synthetic Metallic Materials, J. Veciana, C. Rovira, D. B. Amabilino, Eds., NATO-ARW Series, Kluwer Publ. (1999), p. 409-418.
R. P. Shibaeva, S. S. Khasanov, N. D. Kushch, E. B. Yagubskii, K. Boubekour, P. Batail, E. Canadell.
- 5.- *Hydrogen bonding and transport properties of molecular conductors*
Supramolecular Engineering of Synthetic Metallic Materials, J. Veciana, C. Rovira, D. B. Amabilino, Eds., NATO-ARW Series, Kluwer Publ. (1999) p.337-351.
E. Canadell.
- 6.- *Pulsed laser deposition of superconductor/ferromagnetic YBa $_2$ Cu $_3$ O $_y$ /SrTiO $_3$ / La $_{2/3}$ MnO $_3$ heterostructures*
Material Research Society Symposium Proceedings, vol. 574, Materials Research Society, (1999), pp. 335-339
V. Trtík, F. Sánchez, C. Ferrater, M. Varela, L. Fábrega. R. Rubí and J. Fontcuberta
- 7.- *Symmetry: Friend or Foe?*
NMR in Supramolecular Chemistry, Edited by M. Pons, (1999), pp. 67-82,
M. Pons, M.A. Molins, O. Millet, V. Böhmer, P. Prados, J. de Mendoza, J. Veciana and J. Sedó
- 8.- *Supramolecular architectures and magnetic interactions in crystalline α -Nitronyl Nitroxide Radicals*
Magnetic Properties of Organic Materials, Edited by Paul M. Lahti (1999), pp. 573-600
J. Veciana, J. Cirujeda, J.J. Novoa and M. Deumal
- 9.- *Tetrathiafulvalene (TTF) derivatives as versatile building blocks: From metals to spin-ladders*
Supramolecular Engineering of Synthetic Metallic Materials, Edited by J. Veciana et al. (1999), pp. 377-392
C. Rovira
- 10.- *Crystal engineering of purely organic molecular magnets: What can ab initio computations tell us?*
Supramolecular Engineering of Synthetic Metallic Materials, Edited by J. Veciana et al., (1999), pp. 105-125
J.J. Novoa, J. Veciana and M. Deumal

- 11.- *Modelling of the solubilities of organic compounds in supercritical fluids using the liars solvation free energy relationship theory*
Proceeding of the 5th meeting on Supercritical fluids materials and Natural Products Processing, 2, Edited by M. Perrut and P. Subra, pp. 967-973, (1999)
N. Ventosa, J. Veciana, C. Rovira, J. Llibre and J. Torras
- 12.- *Pulsed laser deposition of metallic oxide thin films for microelectronic applications*
1999 International Semiconductor Conference, 22nd Edition, **CAS'99 Proceedings** 1, (1999)
M. Varela, V. Trtik, C. Guerrero, J. Roldán, F. Benítez, C. Ferrater, F. Sánchez, M. Bibes, R. Rubí, L. Fábrega, B. Martínez and J. Fontcuberta