

# Marcelo Knobel

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

340  
papers

8,405  
citations

45  
h-index

74  
g-index

362  
ext. papers

8,968  
ext. citations

3  
avg, IF

5.64  
L-index

| #   | Paper   | IF  | Citations |
|-----|---|-----|-----------|
| 340 | Magnetic relaxation in nanocrystalline systems: linking Monte Carlo steps with time. <i>International Journal of Materials Research</i> , <b>2022</b> , 93, 974-977   | 0.5 |           |
| 339 | Size and doping effects on the improvement of the low-temperature magnetic properties of magnetically aligned cobalt ferrite nanoparticles. <i>Journal of Alloys and Compounds</i> , <b>2022</b> , 894, 162432  | 5.7 | 3         |
| 338 | Resolving magnetic contributions in BiFeO <sub>3</sub> nanoparticles using First order reversal curves. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2022</b> , 556, 169409  | 2.8 | 0         |
| 337 | Hybrid magneto-luminescent iron oxide nanocubes functionalized with europium complexes: synthesis, hemolytic properties and protein corona formation. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 428-439  | 7.3 | 2         |
| 336 | Desenvolvimentos da internacionalizaçã da educaçã superior no Brasil. <i>ETD: Educaçã Temãtica Digital</i> , <b>2020</b> , 22, 672-693  | 0.5 | 5         |
| 335 | Exploring the synthesis conditions to control the morphology of gold-iron oxide heterostructures. <i>Nano Research</i> , <b>2019</b> , 12, 1781-1788  | 10  | 11        |
| 334 | Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> Nanoparticles Concurrently Coated with Chitosan and GdOF:Ce <sup>3+</sup> ,Tb <sup>3+</sup> Luminophore for Bioimaging: Toxicity Evaluation in the Zebrafish Model. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 3414-3425 | 5.6 | 13        |
| 333 | Control of Multiferroic properties in BiFeO nanoparticles. <i>Scientific Reports</i> , <b>2019</b> , 9, 3182  | 4.9 | 28        |
| 332 | Significant coercivity enhancement at low temperatures in magnetically oriented cobalt ferrite nanoparticles. <i>Applied Physics Letters</i> , <b>2019</b> , 115, 263104  | 3.4 | 5         |
| 331 | A phenomenological approach to study the effect of uniaxial anisotropy on the magnetization of ferromagnetic nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2018</b> , 452, 230-242   | 2.8 | 3         |
| 330 | Step-by-step synthesis of iron-oxide nanoparticles attached to graphene oxide: A study on the composite properties and architecture. <i>Materials Research Bulletin</i> , <b>2018</b> , 107, 255-263  | 5.1 | 11        |
| 329 | Strategies to tailor the architecture of dual Ag/Fe-oxide nano-heterocrystals: Interfacial and morphology effects on the magnetic behavior. <i>Journal Physics D: Applied Physics</i> , <b>2018</b> , 51, 295303  | 3   | 7         |
| 328 | Tuning dipolar magnetic interactions by controlling individual silica coating of iron oxide nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2018</b> , 451, 688-696  | 2.8 | 23        |
| 327 | Magnetic Remote Activation of Shape Recovery in Nanocomposites Based on Tung Oil and Styrene. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2018</b> , 215, 1800311  | 1.6 | 5         |
| 326 | Protein Corona Formation on Magnetic Nanoparticles Conjugated with Luminescent Europium Complexes. <i>ChemNanoMat</i> , <b>2018</b> , 4, 1202-1208  | 3.5 | 6         |
| 325 | Structural analysis of magnetic nanocomposites based on chitosan. <i>Polymer Testing</i> , <b>2018</b> , 72, 202-213  | 4.5 | 17        |
| 324 | Small-Angle X-Ray Scattering to Analyze the Morphological Properties of Nanoparticulated Systems <b>2018</b> , 37-75  |     | 3         |

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| 323 | Domain wall propagation tuning in magnetic nanowires through geometric modulation. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2017</b> , 432, 309-317   | 2.8 | 20 |
| 322 | Building block magneto-luminescent nanomaterials of iron-oxide/ZnS@LaF <sub>3</sub> :Ce <sup>3+</sup> ,Gd <sup>3+</sup> ,Tb <sup>3+</sup> with green emission. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 2282-2290          | 7.1 | 21 |
| 321 | Synthesis and magnetic properties of cobalt-iron/cobalt-ferrite soft/hard magnetic core/shell nanowires. <i>Nanotechnology</i> , <b>2017</b> , 28, 245605  | 3.4 | 5  |
| 320 | Different approaches to analyze the dipolar interaction effects on diluted and concentrated granular superparamagnetic systems. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2017</b> , 428, 105-118                              | 2.8 | 31 |
| 319 | Synthesis process, size and composition effects of spherical Fe <sub>3</sub> O <sub>4</sub> and FeO@Fe <sub>3</sub> O <sub>4</sub> core/shell nanoparticles. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 15033-15041                 | 3.6 | 14 |
| 318 | Synthesis, structural and magnetic characterization of a copper(II) complex of 2,6-di(1H-imidazol-2-yl)pyridine and its application in copper-mediated polymerization catalysis. <i>Inorganica Chimica Acta</i> , <b>2017</b> , 466, 456-463 | 2.7 | 8  |
| 317 | Surface and interface interplay on the oxidizing temperature of iron oxide and Au@iron oxide core-shell nanoparticles. <i>RSC Advances</i> , <b>2016</b> , 6, 70394-70404  | 3.7 | 10 |
| 316 | Ni 3d and 2p hybridization dependent magnetic properties of LaNiO <sub>3</sub> thin films. <i>Thin Solid Films</i> , <b>2016</b> , 619, 144-147  | 2.2 | 5  |
| 315 | Magnetic nanoparticles of Ni/NiO nanostructured in film form synthesized by dead organic matrix of yeast. <i>RSC Advances</i> , <b>2016</b> , 6, 60683-60692   | 3.7 | 14 |
| 314 | Magnetism and structure of nanocomposites made from magnetite and vegetable oil based polymeric matrices. <i>Materials Chemistry and Physics</i> , <b>2016</b> , 175, 81-91  | 4.4 | 9  |
| 313 | Magnetic hyperthermia in brick-like Ag@Fe <sub>3</sub> O <sub>4</sub> core-shell nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2016</b> , 397, 20-27  | 2.8 | 49 |
| 312 | Effects of Nanostructure and Dipolar Interactions on Magnetohyperthermia in Iron Oxide Nanoparticles. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 12796-12809  | 3.8 | 42 |
| 311 | Characterization of the magnetic interactions of multiphase magnetocaloric materials using first-order reversal curve analysis. <i>Journal of Applied Physics</i> , <b>2015</b> , 117, 17C124  | 2.5 | 13 |
| 310 | Unusual magnetic damping effect in a silver@cobalt ferrite hetero nano-system. <i>RSC Advances</i> , <b>2015</b> , 5, 17117-17122  | 3.7 | 6  |
| 309 | Compact Ag@Fe <sub>3</sub> O <sub>4</sub> core-shell nanoparticles by means of single-step thermal decomposition reaction. <i>Scientific Reports</i> , <b>2014</b> , 4, 6839   | 4.9 | 48 |
| 308 | Responsible innovation across borders: tensions, paradoxes and possibilities. <i>Journal of Responsible Innovation</i> , <b>2014</b> , 1, 191-199  | 2.1 | 95 |
| 307 | Overview of the Brazilian Higher Education System <b>2014</b> , 209-212  |     |    |
| 306 | A novel method for identifying the local magnetic viscosity process of heterogeneous magnetic nanostructures. <i>Journal Physics D: Applied Physics</i> , <b>2013</b> , 46, 045003   | 3   | 15 |

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|-----|---|-----|----|
| 305 | Macroscopic quantum tunneling of magnetization explored by quantum-first-order reversal curves. <i>Applied Physics Letters</i> , <b>2013</b> , 103, 052407                                      | 3-4 | 4  |
| 304 | Interactions and magnetic properties in a series of hybrid inorganic-organic crystals. <i>Journal of Solid State Chemistry</i> , <b>2013</b> , 197, 317-322                                     | 3-3 | 24 |
| 303 | Structural, optical and magnetic properties of Zn <sub>1-x</sub> Co <sub>x</sub> O prepared by the sol-gel route. <i>Ceramics International</i> , <b>2013</b> , 39, 6077-6085                   | 5-1 | 44 |
| 302 | 1-Methyl-2-pyrrolidone: from exfoliating solvent to a paramagnetic ligand. <i>Journal of Physical Chemistry A</i> , <b>2013</b> , 117, 2400-7   | 2-8 | 18 |
| 301 | Intermolecular interactions between imidazole derivatives intercalated in layered solids. Substituent group effect. <i>Journal of Solid State Chemistry</i> , <b>2013</b> , 204, 128-135        | 3-3 | 17 |
| 300 | International collaborations between research universities: experiences and best practices. <i>Studies in Higher Education</i> , <b>2013</b> , 38, 405-424                                      | 2-6 | 29 |
| 299 | ProFIS: A New Paradigm for Higher Education in Brazil. <i>Widening Participation and Lifelong Learning</i> , <b>2013</b> , 15, 22-46  | 1-3 | 2  |
| 298 | Hysteretic giant magnetoimpedance effect analyzed by first-order reversal curves. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2012</b> , 324, 1601-1605                             | 2-8 | 9  |
| 297 | Room temperature ferromagnetism in sol-gel prepared Co-doped ZnO. <i>Materials Science in Semiconductor Processing</i> , <b>2012</b> , 15, 314-318  | 4-3 | 18 |
| 296 | First order reversal curve analysis on NdFeB nanocomposite ribbons subjected to Joule heating treatments. <i>Journal of Alloys and Compounds</i> , <b>2012</b> , 536, S389-S393                 | 5-7 | 1  |
| 295 | Magnetostatic behaviour of antidot arrays under the local influence of nanopillars. <i>Journal Physics D: Applied Physics</i> , <b>2012</b> , 45, 505002  | 3   | 9  |
| 294 | Effect of zinc concentration on the magnetic properties of cobalt-zinc nanoferrite. <i>Ceramics International</i> , <b>2012</b> , 38, 2389-2394   | 5-1 | 50 |
| 293 | Strain dependent stabilization of metallic paramagnetic state in epitaxial NdNiO <sub>3</sub> thin films. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 132101                            | 3-4 | 28 |
| 292 | Irradiation induced modification in transport properties of LaNiO <sub>3</sub> thin films: An x-ray absorption study. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 112103                | 3-4 | 14 |
| 291 | An effective method to probe local magnetostatic properties in a nanometric FePd antidot array. <i>New Journal of Physics</i> , <b>2011</b> , 13, 013035  | 2-9 | 51 |
| 290 | Electronic depiction of magnetic origin in undoped and Fe doped TiO <sub>2</sub> epitaxial thin films. <i>Applied Physics Letters</i> , <b>2011</b> , 99, 112502                                | 3-4 | 36 |
| 289 | Probing the interdependence between irreversible magnetization reversal processes by first-order reversal curves. <i>Journal of Applied Physics</i> , <b>2011</b> , 109, 07E308                 | 2-5 | 2  |
| 288 | Magnetic and structural properties of fcc/hcp bi-crystalline multilayer Co nanowire arrays prepared by controlled electroplating. <i>Journal of Applied Physics</i> , <b>2011</b> , 109, 083919 | 2-5 | 49 |

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|-----|---|-----|----|
| 287 | Synthesis and ageing effect in FeO nanoparticles: Transformation to core-shell FeO/Fe <sub>3</sub> O <sub>4</sub> and their magnetic characterization. <i>Journal of Alloys and Compounds</i> , <b>2011</b> , 509, 6414-6417                            | 5-7 | 32 |
| 286 | Effect of Gd <sup>3+</sup> doping on magnetic, electric and dielectric properties of MgGdxFe <sub>2-2x</sub> O <sub>4</sub> ferrites processed by solid state reaction technique. <i>Journal of Alloys and Compounds</i> , <b>2011</b> , 509, 9638-9644 | 5-7 | 45 |
| 285 | Investigations of lanthanum doping on magnetic properties of nano cobalt ferrites. <i>Journal of Electroceramics</i> , <b>2011</b> , 27, 51-55  | 1-5 | 18 |
| 284 | Synthesis of Ag <sub>2</sub> O/Fe <sub>2</sub> O <sub>4</sub> dimer colloidal nanoparticles and enhancement of their magnetic response. <i>Journal of Applied Physics</i> , <b>2011</b> , 109, 07B530   | 2-5 | 8  |
| 283 | Synthesis and characterization of T[Ni(CN) <sub>4</sub> ] <sub>2</sub> pyz with T=Fe, Ni; pyz=pyrazine: Formation of TpyzNi bridges. <i>Journal of Solid State Chemistry</i> , <b>2011</b> , 184, 2124-2130   | 3-3 | 11 |
| 282 | ROOM TEMPERATURE FERROMAGNETISM IN PURE AND Cu DOPED ZnO NANORODS: ROLE OF COPPER OR DEFECTS. <i>Functional Materials Letters</i> , <b>2011</b> , 04, 17-20   | 1-2 | 20 |
| 281 | Structural and magnetic study of a diluted magnetic semiconductor: Fe-doped CeO <sub>2</sub> nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2011</b> , 11, 555-9  | 1-3 | 24 |
| 280 | A new molecular magnetic semiconductor based on tetrathiafulvalene (ttf) and oxamato ligand (opba): [ttf] <sub>2</sub> [Cu(opba)] <sub>2</sub> H <sub>2</sub> O. <i>Journal of the Brazilian Chemical Society</i> , <b>2010</b> , 21, 1274-1282         | 1-5 | 5  |
| 279 | Magnetic and transport properties in ordered arrays of permalloy antidots and thin films. <i>Journal of Applied Physics</i> , <b>2010</b> , 107, 083918   | 2-5 | 12 |
| 278 | Study of Raman Spectrum of Fe Doped CeO <sub>2</sub> Thin Films Grown by Pulsed Laser Deposition. <i>Advanced Materials Research</i> , <b>2010</b> , 123-125, 375-378   | 0-5 | 3  |
| 277 | Swift heavy ion irradiation induced magnetism in magnetically frustrated BiMn <sub>2</sub> O <sub>5</sub> thin films. <i>Physical Review B</i> , <b>2010</b> , 82,  | 3-3 | 27 |
| 276 | The nature and enhancement of magnetic surface contribution in model NiO nanoparticles. <i>Nanotechnology</i> , <b>2010</b> , 21, 035602  | 3-4 | 27 |
| 275 | Modifications in magnetic properties of BiMn <sub>2</sub> O <sub>5</sub> multiferroic using swift heavy ion irradiation. <i>Journal of Applied Physics</i> , <b>2010</b> , 107, 09D903  | 2-5 | 13 |
| 274 | INFLUENCE OF Co DOPING ON STRUCTURAL, OPTICAL AND MAGNETIC STUDIES OF Co-DOPED CeO <sub>2</sub> NANOPARTICLES. <i>Nano</i> , <b>2010</b> , 05, 349-355  | 1-1 | 11 |
| 273 | Synthesis and tuning the exchange bias in Ni <sub>3</sub> NiO nanoparticulate systems. <i>Journal of Applied Physics</i> , <b>2010</b> , 107, 09D725  | 2-5 | 17 |
| 272 | Influence of substrate on the magnetic properties of Ni and permalloy sub-micrometric patterned stripes. <i>Journal Physics D: Applied Physics</i> , <b>2010</b> , 43, 025001   | 3   | 1  |
| 271 | Far infrared near normal specular reflectivity of Ni <sub>x</sub> (SiO <sub>2</sub> ) <sub>1-x</sub> (x=1.0, 0.84, 0.75, 0.61, 0.54, 0.28) granular films. <i>Journal of Alloys and Compounds</i> , <b>2010</b> , 495, 638-641                          | 5-7 |    |
| 270 | Effect of La <sup>3+</sup> doping on the electric, dielectric and magnetic properties of cobalt ferrite processed by co-precipitation technique. <i>Journal of Alloys and Compounds</i> , <b>2010</b> , 508, 115-118                                    | 5-7 | 90 |

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| 269 | Ag <sub>2</sub> Fe <sub>3</sub> O <sub>4</sub> Dimer Colloidal Nanoparticles: Synthesis and Enhancement of Magnetic Properties. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 10148-10152   | 3.8  | 70  |
| 268 | Competing interparticle interactions and surface anisotropy in NiO nanoparticles. <i>Journal of Applied Physics</i> , <b>2010</b> , 108, 013909   | 2.5  | 45  |
| 267 | Iron oxide nanosized clusters embedded in porous nanorods: a new colloidal design to enhance capabilities of MRI contrast agents. <i>ACS Nano</i> , <b>2010</b> , 4, 2095-103   | 16.7 | 19  |
| 266 | Room temperature ferromagnetism in Fe-doped CeO <sub>2</sub> thin films grown on LaAlO <sub>3</sub> (001). <i>Thin Solid Films</i> , <b>2010</b> , 519, 410-413   | 2.2  | 30  |
| 265 | Electron dynamics in films made of transition metal nanograins embedded in SiO <sub>2</sub> : Infrared reflectivity and nanoplasma infrared resonance. <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 114306  | 2.5  | 5   |
| 264 | Thermal behavior of hard-axis magnetization in noninteracting particles with uniaxial anisotropy. <i>Applied Physics Letters</i> , <b>2009</b> , 95, 202503   | 3.4  | 5   |
| 263 | Thin film growth of multiferroic BiMn <sub>2</sub> O <sub>5</sub> using pulsed laser ablation and its characterization. <i>Journal Physics D: Applied Physics</i> , <b>2009</b> , 42, 125304  | 3    | 15  |
| 262 | Evolution of the microstructure and magnetic properties of Sm(Co <sub>0.6</sub> Cu <sub>0.4</sub> ) <sub>5</sub> alloys prepared with different Sm excess content. <i>Journal Physics D: Applied Physics</i> , <b>2009</b> , 42, 125005                                   | 3    | 2   |
| 261 | Studies of Fe-Cu microwires with nanogranular structure. <i>Journal of Physics Condensed Matter</i> , <b>2009</b> , 21, 035301  | 1.8  | 6   |
| 260 | Effect of 200 MeV Ag <sup>15+</sup> ion irradiation on structural and magnetic properties of Mg <sub>0.95</sub> Mn <sub>0.05</sub> Fe <sub>2</sub> O <sub>4</sub> ferrite thin film. <i>Surface and Coatings Technology</i> , <b>2009</b> , 203, 2707-2711                | 4.4  | 1   |
| 259 | Irradiation induced texturing in the Mg <sub>0.95</sub> Mn <sub>0.05</sub> Fe <sub>2</sub> O <sub>4</sub> ferrite thin film. <i>Thin Solid Films</i> , <b>2009</b> , 517, 2758-2761   | 2.2  | 16  |
| 258 | Interplay between crystallization and particle growth during the isothermal annealing of colloidal iron oxide nanoparticles. <i>Journal of Colloid and Interface Science</i> , <b>2009</b> , 339, 344-50  | 9.3  | 16  |
| 257 | Structural and magnetic properties of bulk and thin films of Mg <sub>0.95</sub> Mn <sub>0.05</sub> Fe <sub>2</sub> O <sub>4</sub> . <i>Current Applied Physics</i> , <b>2009</b> , 9, 1009-1013   | 2.6  | 5   |
| 256 | Fabrication, structural and magnetic characterization of thin microwires with novel composition Cu <sub>70</sub> (Co <sub>70</sub> Fe <sub>5</sub> Si <sub>10</sub> B <sub>15</sub> ) <sub>30</sub> . <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 483, 566-569 | 5.7  | 4   |
| 255 | Influence of stirring velocity on the synthesis of magnetite nanoparticles (Fe <sub>3</sub> O <sub>4</sub> ) by the co-precipitation method. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 488, 227-231  | 5.7  | 110 |
| 254 | Fe <sub>2</sub> O <sub>3</sub> nanoparticles dispersed in porous Vycor glass: A magnetically diluted integrated system. <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 013901   | 2.5  | 18  |
| 253 | Nickel-Zinc Ferrite from Reverse Micelle Process: Structural and Magnetic Properties, Mössbauer Spectroscopy Characterization. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 20785-20794  | 3.8  | 49  |
| 252 | Structural and magnetic properties of chemically synthesized Fe doped ZnO. <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 07C520  | 2.5  | 61  |

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| 251 | Ferromagnetic Properties of Bulk Fe-doped CeO <sub>2</sub> Dilute Magnetic Semiconductors. <i>Journal of the Korean Physical Society</i> , <b>2009</b> , 55, 1018-1021   | 0.6  | 18  |
| 250 | Ferromagnetism in Chemically-synthesized Co-doped ZnO. <i>Journal of the Korean Physical Society</i> , <b>2009</b> , 55, 1060-1064   | 0.6  | 16  |
| 249 | Comment on Generalized Stoner-Wohlfarth Model and the Non-Langevin Magnetism of Single-Domain Particles by M.A. Chuev. <i>JETP Letters</i> , <b>2008</b> , 87, 703-706   | 1.2  |     |
| 248 | Chemical synthesis and structural characterization of highly disordered N colloidal nanoparticles. <i>ACS Nano</i> , <b>2008</b> , 2, 1313-9   | 16.7 | 96  |
| 247 | Tailoring of magnetocaloric response in nanostructured materials: Role of anisotropy. <i>Physical Review B</i> , <b>2008</b> , 77,   | 3.3  | 45  |
| 246 | Magnetic behavior of Ni nanoparticles with high disordered atomic structure. <i>Applied Physics Letters</i> , <b>2008</b> , 92, 183113   | 3.4  | 22  |
| 245 | Synthesis and characterization of TM-doped CuO (TM = Fe, Ni). <i>Journal of Non-Crystalline Solids</i> , <b>2008</b> , 354, 4830-4832  | 3.9  | 42  |
| 244 | Structural and magnetic properties of nanocrystalline particles in an amorphous Fe <sub>73.5</sub> Nb <sub>3</sub> CuSi <sub>13.5</sub> B <sub>9</sub> matrix. <i>Journal of Non-Crystalline Solids</i> , <b>2008</b> , 354, 4871-4873 | 3.9  | 4   |
| 243 | Magnetic vortices in tridimensional nanomagnetic caps observed using transmission electron microscopy and magnetic force microscopy. <i>Physical Review B</i> , <b>2008</b> , 77,  | 3.3  | 20  |
| 242 | Structure and Mechanical Properties of Polycarbonate Modified Clay Nanocomposites. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2008</b> , 8, 1880-1885   | 1.3  | 37  |
| 241 | Local structure, optical and magnetic studies of Ni nanostructures embedded in a SiO <sub>2</sub> matrix by ion implantation. <i>Journal of Physics Condensed Matter</i> , <b>2008</b> , 20, 285211                                    | 1.8  | 15  |
| 240 | Ion beam synthesis of Ni nanoparticles embedded in quartz. <i>Journal of Vacuum Science &amp; Technology B</i> , <b>2008</b> , 26, L36   |      | 11  |
| 239 | Role of interparticle interactions on the magnetic behavior of Mg <sub>0.95</sub> Mn <sub>0.05</sub> Fe <sub>2</sub> O <sub>4</sub> ferrite nanoparticles. <i>Journal of Physics Condensed Matter</i> , <b>2008</b> , 20, 235214       | 1.8  | 22  |
| 238 | Encountering Nanotechnology in an Interactive Exhibition. <i>Journal of Museum Education</i> , <b>2008</b> , 33, 221-230   |      | 3   |
| 237 | Superparamagnetism and Other Magnetic Features in Granular Materials: A Review on Ideal and Real Systems. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2008</b> , 8, 2836-2857  | 1.3  | 366 |
| 236 | Slow Magnetic Relaxation in CoII CuII Coordination Oligomer Built into Mesoporous Material. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 3802-3808   | 2.3  | 16  |
| 235 | Structural and morphological investigation of magnetic nanoparticles based on iron oxides for biomedical applications. <i>Materials Science and Engineering C</i> , <b>2008</b> , 28, 489-494  | 8.3  | 34  |
| 234 | Magnetic properties of one-dimensional CoCu(opba) systems and DFT studies of the building blocks. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2008</b> , 320, e200-e203  | 2.8  | 2   |

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| 233 | Magnetic properties of nanocrystalline CoFe <sub>2</sub> O <sub>4</sub> synthesized by modified citrate-gel method. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2008</b> , 320, e339-e342  | 2.8 | 72 |
| 232 | Study of the magnetic properties on Mn and As co-implanted GaAs. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2008</b> , 320, e404-e407   | 2.8 | 1  |
| 231 | Coercive field behavior of permalloy antidot arrays based on self-assembled template fabrication. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2008</b> , 320, e235-e238  | 2.8 | 23 |
| 230 | A new model to describe the crossover from superparamagnetic to blocked magnetic nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2008</b> , 320, e312-e315  | 2.8 | 18 |
| 229 | Influence of Ge on magnetic and structural properties of Joule-heated Co-based ribbons: Giant magnetoimpedance response. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2008</b> , 320, 2068-2073   | 2.8 | 12 |
| 228 | Effective anisotropy field variation of magnetite nanoparticles with size reduction. <i>European Physical Journal B</i> , <b>2008</b> , 64, 211-218  | 1.2 | 37 |
| 227 | Complex magnetic internal order in structurally disordered Ni nanoparticles. <i>European Physical Journal B</i> , <b>2008</b> , 66, 503-508  | 1.2 | 7  |
| 226 | Peripheral blood levels of thyroglobulin mRNA and serum thyroglobulin concentrations after radioiodine ablation of multinodular goiter with or without pre-treatment with recombinant human thyrotropin. <i>Journal of Endocrinological Investigation</i> , <b>2007</b> , 30, 535-40 | 5.2 | 11 |
| 225 | Magnetostatic interactions between two magnetic wires. <i>Europhysics Letters</i> , <b>2007</b> , 78, 67004  | 1.6 | 24 |
| 224 | Magnetic study of Mg <sub>0.95</sub> Mn <sub>0.05</sub> Fe <sub>2</sub> O <sub>4</sub> ferrite nanoparticles. <i>Solid State Communications</i> , <b>2007</b> , 141, 203-208   | 1.6 | 25 |
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| 88 | Magneto-impedance relaxation in amorphous wires and ribbons. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1998</b> , 177-181, 121-122  | 2.8 | 3   |
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| 86 | Controlling magnetic and transport properties of granular alloys through Joule heating. <i>Journal of Applied Physics</i> , <b>1998</b> , 84, 5366-5368   | 2.5 | 8   |
| 85 | Giant magnetoimpedance in soft magnetic amorphous and nanocrystalline materials. <i>European Physical Journal Special Topics</i> , <b>1998</b> , 08, Pr2-213-Pr2-220  |     | 11  |
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| 66 | Giant magnetoresistance in magnetic granular Co <sub>15</sub> Cu <sub>85</sub> alloys annealed by direct-current Joule heating. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1996</b> , 164, 99-104          | 2.8 | 8   |
| 65 | Structure, magnetic properties, and giant magnetoresistance in melt-spun metallic copper-cobalt ribbons. <i>Journal of Applied Physics</i> , <b>1996</b> , 79, 1979-1990  | 2.5 | 29  |
| 64 | Giant magneto-impedance effect in nanostructured magnetic wires. <i>Journal of Applied Physics</i> , <b>1996</b> , 79, 1646-1654  | 2.5 | 175 |
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| 58 | Magnetic properties and giant magnetoresistance in melt-spun Co-Cu alloys. <i>Journal of Applied Physics</i> , <b>1995</b> , 78, 392-397  | 2.5 | 50  |
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| 45 | Improved giant magnetoresistance in magnetic granular Co5 Cu95 alloys by direct-current joule heating. <i>Zeitschrift für Physik B-Condensed Matter</i> , <b>1995</b> , 99, 159-161   |     | 2   |
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