

P Nordblad

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.

373
papers

9,022
citations

44
h-index

78
g-index

397
ext. papers

9,642
ext. citations

3.3
avg, IF

5.63
L-index

| # | Paper | IF | Citations |
|-----|--|-----|-----------|
| 373 | Memory and superposition in a superspin glass. <i>Scientific Reports</i> , 2021 , 11, 7743 | 4.9 | 2 |
| 372 | Collective Magnetic Behaviour. <i>Springer Series in Materials Science</i> , 2021 , 65-84 | 0.9 | 1 |
| 371 | Simultaneous Individual and Dipolar Collective Properties in Binary Assemblies of Magnetic Nanoparticles. <i>Chemistry of Materials</i> , 2020 , 32, 969-981 | 9.6 | 13 |
| 370 | Magnetic polarons and spin-glass behavior in insulating $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$ ($x=0.125$ and 0.15). <i>Physical Review Research</i> , 2020 , 2, | 3.9 | 3 |
| 369 | Partial cation ordering, relaxor ferroelectricity, and ferrimagnetism in $\text{Pb}(\text{Fe}_{1-x}\text{Ybx})_2/3\text{W}_1/3\text{O}_3$ solid solutions. <i>Journal of Applied Physics</i> , 2020 , 128, 134102 | 2.5 | |
| 368 | Random fields and apparent exchange bias in the dilute Ising antiferromagnet FeZnF . <i>Scientific Reports</i> , 2020 , 10, 14588 | 4.9 | 1 |
| 367 | Layered magnetite nanoparticles modification \– synthesis, structure, and magnetic characterization. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 1323-1334 | 5.9 | 7 |
| 366 | On the structural and magnetic properties of the double perovskite ($\text{Nd}_{2-x}\text{NiMnO}_{6-x}$). <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 16571-16578 | 2.1 | 2 |
| 365 | Hydrogen induced structure and property changes in Eu_3Si_4 . <i>Journal of Solid State Chemistry</i> , 2019 , 277, 37-45 | 3.3 | |
| 364 | Magnetocaloric effect in Fe_2P : Magnetic and phonon degrees of freedom. <i>Physical Review B</i> , 2019 , 99, | 3.3 | 4 |
| 363 | Characterization of $\text{Nd}(\text{Tb})\text{FeB}$ -based exchange-spring nanocomposite magnets. <i>Emerging Materials Research</i> , 2019 , 8, 153-165 | 1.4 | 0 |
| 362 | Magnetic and mechanical effects of Mn substitutions in AlFe_2B_2 . <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 482, 54-60 | 2.8 | 8 |
| 361 | Room temperature ferrimagnetism in Yb-doped relaxor ferroelectric $\text{PbFe}_2/3\text{W}_1/3\text{O}_3$. <i>Applied Physics Letters</i> , 2019 , 115, 072902 | 3.4 | 6 |
| 360 | Cation ordering, ferrimagnetism and ferroelectric relaxor behavior in $\text{Pb}(\text{Fe}_{1-x}\text{Sc}_x)_2\text{W}_1\text{BO}_3$ solid solutions. <i>European Physical Journal B</i> , 2019 , 92, 1 | 1.2 | 4 |
| 359 | Peculiar magnetic states in the double perovskite $\text{Nd}_2\text{NiMnO}_6$. <i>Physical Review B</i> , 2019 , 100, | 3.3 | 5 |
| 358 | Magnetically ordered compounds of transition elements with nonmetals. <i>Handbook of Magnetic Materials</i> , 2019 , 28, 47-85 | 1.3 | |
| 357 | Ferromagnetic excess moments and apparent exchange bias in FeF single crystals. <i>Scientific Reports</i> , 2019 , 9, 18884 | 4.9 | 0 |

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|-----|--|-----|----|
| 356 | Modification of the structure and magnetic properties of ceramic La ₂ CoMnO ₆ with Ru doping. <i>Journal of Alloys and Compounds</i> , 2018 , 752, 420-430 | 5.7 | 7 |
| 355 | Glassy behavior of diluted Cu-Zn ferrites. <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 452, 261-265 | | 3 |
| 354 | Temperature-dependent structural and magnetic properties of R ₂ MMnO ₆ double perovskites (R = Dy, Gd; M = Ni, Co). <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 18581-18592 | 2.1 | 13 |
| 353 | New insights into the multiferroic properties of Mn ₃ TeO ₆ . <i>Journal Physics D: Applied Physics</i> , 2017 , 50, 085001 | 3 | 8 |
| 352 | Composition dependence of the multifunctional properties of Nd-doped Bi ₄ Ti ₃ O ₁₂ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 7692-7707 | 2.1 | 14 |
| 351 | The role of Tb-doping on the structural and functional properties of Bi _{4-x} Tb _x Ti ₃ O ₁₂ ferroelectric phases with the Aurivillius type structure. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 4914-4924 | 2.1 | 3 |
| 350 | Structural, magnetic and hyperfine characterizations of nanocrystalline Zn-Cd doped nickel ferrites. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 441, 710-717 | 2.8 | 27 |
| 349 | Substitution mechanism and structural study of Ag-doped LiCu ₂ O ₂ . <i>Solid State Sciences</i> , 2017 , 70, 36-40 | 3.4 | |
| 348 | Evolution of the structural and multiferroic properties of PbFe _{2/3} W _{1/3} O ₃ ceramics upon Mn-doping. <i>Materials Chemistry and Physics</i> , 2017 , 187, 218-232 | 4.4 | 6 |
| 347 | Twinned-domain-induced magnonic modes in epitaxial LSMO/STO films. <i>New Journal of Physics</i> , 2017 , 19, 063002 | 2.9 | 4 |
| 346 | Perovskite solid solutions La _{0.75} Bi _{0.25} Fe _{1-x} CrxO ₃ : Preparation, structural, and magnetic properties. <i>Journal of Solid State Chemistry</i> , 2017 , 254, 166-177 | 3.3 | 0 |
| 345 | Magnetic properties of nanoparticle compacts with controlled broadening of the particle size distribution. <i>Physical Review B</i> , 2017 , 95, | 3.3 | 7 |
| 344 | Composition driven structural transition in La ₂ B _r CuRuO ₆ (0 ≤ x ≤ 1) double perovskites. <i>Journal of Alloys and Compounds</i> , 2017 , 693, 1096-1101 | 5.7 | 3 |
| 343 | Disordered Magnetic Systems 2016 , | | 1 |
| 342 | Effects of the individual particle relaxation time on superspin glass dynamics. <i>Physical Review B</i> , 2016 , 93, | 3.3 | 10 |
| 341 | Spin and dipole order in geometrically frustrated mixed-valence manganite Pb ₃ Mn ₇ O ₁₅ . <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 12562-12573 | 2.1 | 3 |
| 340 | Thermal evolution of the spin ordering at the concomitant spin-orbital rearrangement temperature in RVO ₃ (R=Lu, Yb and Tm). <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 409, 87-91 | 2.8 | 2 |
| 339 | Low temperature magneto-structural transitions in Mn ₃ Ni ₂ O ₆ . <i>Journal of Solid State Chemistry</i> , 2016 , 237, 343-348 | 3.3 | 2 |

- 338 Tailoring Magnetic Behavior in the Tb-Au-Si Quasicrystal Approximant System. *Inorganic Chemistry*, **2016**, 55, 2001-8 5.1 12
- 337 Hydrogenation-Induced Structure and Property Changes in the Rare-Earth Metal Gallide NdGa: Evolution of a [GaH]₂- Polyanion Containing Peierls-like Ga-H Chains. *Inorganic Chemistry*, **2016**, 55, 345-52 5.1 14
- 336 Polar Order and Frustrated Antiferromagnetism in Perovskite Pb₂MnWO₆ Single Crystals. *Inorganic Chemistry*, **2016**, 55, 2791-805 5.1 16
- 335 Magnetic structure of the magnetocaloric compound AlFe₂B₂. *Journal of Alloys and Compounds*, **2016**, 664, 784-791 5.7 42
- 334 Tunable exchange bias in dilute magnetic alloys - chiral spin glasses. *Scientific Reports*, **2016**, 6, 19964 4.9 10
- 333 Thermally induced magnetic relaxation in square artificial spin ice. *Scientific Reports*, **2016**, 6, 37097 4.9 14
- 332 Particle size-dependent superspin glass behavior in random compacts of monodisperse maghemite nanoparticles. *Materials Research Express*, **2016**, 3, 045015 1.7 6
- 331 Hydrogenation induced structure and property changes in GdGa. *Journal of Solid State Chemistry*, **2016**, 239, 184-191 3.3 7
- 330 Heusler alloys: Tuning exchange bias. *Nature Materials*, **2015**, 14, 655-6 27 17
- 329 Structural and magnetic properties of nickel antimony ferros spinels. *Materials Chemistry and Physics*, **2015**, 158, 127-137 4.4 2
- 328 Crystal structure and antiferromagnetic spin ordering of LnFe₂/3Mo₁/3O₃ (Ln=Nd,Pr,Ce,La) perovskites. *Physical Review B*, **2015**, 91, 3.3 1
- 327 Magnetic anisotropy and magnetization dynamics of Fe nanoparticles embedded in Cr and Ag matrices. *Philosophical Magazine*, **2015**, 95, 3798-3807 1.6 8
- 326 Successive phase transitions in the orthovanadate TmVO₃. *Journal Physics D: Applied Physics*, **2015**, 48, 345003 3 3
- 325 Neutron powder diffraction study of Ba₃ZnRu_{2-x}Ir_xO₉ (x'=0, 1, 2) with 6H-type perovskite structure. *Solid State Sciences*, **2015**, 50, 58-64 3.4 10
- 324 Detailed study of the magnetic ordering in FeMnP_{0.75}Si_{0.25}. *Journal of Solid State Chemistry*, **2015**, 221, 240-246 3.3 15
- 323 Thermal treatment of magnetite nanoparticles. *Beilstein Journal of Nanotechnology*, **2015**, 6, 1385-96 3 37
- 322 Size-dependent surface effects in maghemite nanoparticles and its impact on interparticle interactions in dense assemblies. *Nanotechnology*, **2015**, 26, 475703 3.4 26
- 321 Structure and magnetism in hexagonal tungsten bronze metal oxides AM₁/3W₈/3O₉ (A=K, Rb, Cs; M=Cr, Fe). *Solid State Sciences*, **2015**, 40, 44-49 3.4 3

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|-----|--|-----|----|
| 320 | Point contact investigations of film and interface magnetoresistance of La _{0.7} Sr _{0.3} MnO ₃ heterostructures on Nb:SrTiO ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 2015 , 374, 433-439 | 2.8 | 1 |
| 319 | Irreversible structure change of the as prepared FeMnP _{1-x} Si _x -structure on the initial cooling through the curie temperature. <i>Journal of Magnetism and Magnetic Materials</i> , 2015 , 374, 455-458 | 2.8 | 13 |
| 318 | Sample cell for in-field X-ray diffraction experiments. <i>Results in Physics</i> , 2015 , 5, 53-54 | 3.7 | 5 |
| 317 | Phase diagram, structures and magnetism of the FeMnP _{1-x} Si _x -system. <i>RSC Advances</i> , 2015 , 5, 8278-8284 | 3.7 | 23 |
| 316 | Chemical pressure effects on structural, dielectric and magnetic properties of solid solutions Mn _{3-x} Co _x TeO ₆ . <i>Materials Research Bulletin</i> , 2014 , 50, 42-56 | 5.1 | 11 |
| 315 | Magnetic and magnetocaloric properties of Cu _{1-x} Zn _x Fe ₂ O ₄ (x=0.6, 0.7, 0.8) ferrites. <i>Journal of Magnetism and Magnetic Materials</i> , 2014 , 367, 75-80 | 2.8 | 35 |
| 314 | Long range ordered magnetic and atomic structures of the quasicrystal approximant in the Tb-Au-Si system. <i>Journal of Physics Condensed Matter</i> , 2014 , 26, 322202 | 1.8 | 13 |
| 313 | Ideal superspin glass behaviour in a random-close-packed ensemble of maghemite nanoparticles. <i>Journal of Physics: Conference Series</i> , 2014 , 521, 012011 | 0.3 | 2 |
| 312 | Thickness dependence of dynamic and static magnetic properties of pulsed laser deposited La _{0.7} Sr _{0.3} MnO ₃ films on SrTiO ₃ (001). <i>Journal of Magnetism and Magnetic Materials</i> , 2014 , 369, 197-204 | 2.8 | 33 |
| 311 | Crystal growth experiments in the systems Ni ₂ MSbO ₆ (M = Sc, In) using chemical vapour transport reactions: Ni ₂ InSbO ₆ and NiSb ₂ O ₆ crystals in the millimetre range. <i>Crystal Research and Technology</i> , 2014 , 49, 142-151 | 1.3 | 5 |
| 310 | Temperature evolution of structural and magnetic properties of stoichiometric LiCu ₂ O ₂ : Correlation of thermal expansion coefficient and magnetic order. <i>Solid State Sciences</i> , 2014 , 34, 97-101 | 3.4 | 4 |
| 309 | Reentrant Superspin Glass Phase in a La _{0.82} Ca _{0.18} MnO ₃ Ferromagnetic Insulator. <i>Physical Review X</i> , 2014 , 4, | 9.1 | 15 |
| 308 | Super spin dimensionality of a mono-dispersed and densely packed magnetic nanoparticle system. <i>Journal of Physics: Conference Series</i> , 2014 , 521, 012012 | 0.3 | 1 |
| 307 | Ageing dynamics of a superspin glass. <i>Europhysics Letters</i> , 2014 , 108, 17004 | 1.6 | 7 |
| 306 | Thermodynamics around the first-order ferromagnetic phase transition of Fe ₂ P single crystals. <i>Physical Review B</i> , 2014 , 90, | 3.3 | 9 |
| 305 | Tuning magnetic properties by hydrogen implantation in amorphous Fe _{100-x} Zr _x thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2013 , 346, 138-141 | 2.8 | 10 |
| 304 | Investigation of the magnetic phase transition and magnetocaloric properties of the Mn ₂ FeSbO ₆ ilmenite. <i>Journal of Magnetism and Magnetic Materials</i> , 2013 , 331, 193-197 | 2.8 | 9 |
| 303 | Enhancement of antiferromagnetic interaction and transition temperature in M ₃ TeO ₆ systems (M = Mn, Co, Ni, Cu). <i>European Physical Journal B</i> , 2013 , 86, 1 | 1.2 | 26 |

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|-----|--|------|-----|
| 302 | Formation of nitrogen-doped graphene nanoscrolls by adsorption of magnetic Fe_2O_3 nanoparticles. <i>Nature Communications</i> , 2013 , 4, 2319 | 17.4 | 119 |
| 301 | Magnetocrystalline anisotropy and the magnetocaloric effect in Fe_2P . <i>Physical Review B</i> , 2013 , 88, | 3.3 | 52 |
| 300 | Memory effects on the magnetic behavior of assemblies of nanoparticles with ferromagnetic core/antiferromagnetic shell morphology. <i>Physical Review B</i> , 2013 , 88, | 3.3 | 33 |
| 299 | High-temperature structural phase transition in the LiCu_2O_2 multiferroic. <i>Journal of Experimental and Theoretical Physics</i> , 2013 , 117, 320-326 | 1 | 9 |
| 298 | Preparation, electrical conductivity, and magnetic susceptibility of $(\text{Ba}_{1-x}\text{Bi}_x)(\text{Mn}_{0.5+x/2}\text{Nb}_{0.5-x/2})\text{O}_3$. <i>Inorganic Materials</i> , 2013 , 49, 513-516 | 0.9 | |
| 297 | $\text{Mn}_2\text{FeSbO}_6$: A ferrimagnetic ilmenite and an antiferromagnetic perovskite. <i>Physical Review B</i> , 2013 , 87, | 3.3 | 27 |
| 296 | Magnetocaloric materials: Strained relations. <i>Nature Materials</i> , 2013 , 12, 11-2 | 27 | 25 |
| 295 | Spin and Dipole Ordering in $\text{Ni}_2\text{InSbO}_6$ and $\text{Ni}_2\text{ScSbO}_6$ with Corundum-Related Structure. <i>Chemistry of Materials</i> , 2013 , 25, 935-945 | 9.6 | 30 |
| 294 | Controlled Close-Packing of Ferrimagnetic Nanoparticles: An Assessment of the Role of Interparticle Superexchange Versus Dipolar Interactions. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 10213-10219 | 3.8 | 56 |
| 293 | A nanoparticle replica of the spin-glass state. <i>Applied Physics Letters</i> , 2013 , 102, 183104 | 3.4 | 60 |
| 292 | Growth of Gd_2O_3 nanoparticles inside mesoporous silica frameworks. <i>Microporous and Mesoporous Materials</i> , 2013 , 168, 221-224 | 5.3 | 26 |
| 291 | Competing interaction in magnets: the root of ordered disorder or only frustration?. <i>Physica Scripta</i> , 2013 , 88, 058301 | 2.6 | 20 |
| 290 | Phase transition in a super superspin glass. <i>Europhysics Letters</i> , 2013 , 102, 67002 | 1.6 | 15 |
| 289 | Soft Room-Temperature Ferromagnetism of Carbon-Implanted Amorphous $\text{Fe}_{93}\text{Zr}_7$ Films. <i>Applied Physics Express</i> , 2013 , 6, 053001 | 2.4 | 14 |
| 288 | Strain induced changes in magnetization of amorphous $\text{Co}_{95}\text{Zr}_5$ based multiferroic heterostructures. <i>AIP Advances</i> , 2013 , 3, 022113 | 1.5 | 12 |
| 287 | Temperature-dependent multi-k magnetic structure in multiferroic Co_3TeO_6 . <i>Materials Research Bulletin</i> , 2012 , 47, 63-72 | 5.1 | 32 |
| 286 | Magnetic behavior of Cd^{2+} substituted cobalt ferrites. <i>Journal of Physics and Chemistry of Solids</i> , 2012 , 73, 227-231 | 3.9 | 17 |
| 285 | Structural and magnetic properties of $\text{Mn}_3\text{Cd}_x\text{TeO}_6$ ($x=0, 1, 1.5$ and 2). <i>Journal of Magnetism and Magnetic Materials</i> , 2012 , 324, 1637-1644 | 2.8 | 5 |

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| 284 | Microscopic theory of magnetism in the magnetocaloric material Fe ₂ P _{1-x} T _x (T=B and Si). <i>Physical Review B</i> , 2012 , 86, | 3-3 | 12 |
| 283 | Preparation, structural, dielectric and magnetic properties of LaFeO ₃ BbTiO ₃ solid solutions. <i>Materials Research Bulletin</i> , 2012 , 47, 3253-3268 | 5-1 | 27 |
| 282 | Near-room-temperature colossal magnetodielectricity and multiglass properties in partially disordered La ₂ NiMnO ₆ . <i>Physical Review Letters</i> , 2012 , 108, 127201 | 7-4 | 303 |
| 281 | Ferrimagnetism, antiferromagnetism, and magnetic frustration in La _{2-x} Sr _x CuRuO ₆ (0 ≤ x ≤ 1). <i>Physical Review B</i> , 2012 , 86, | 3-3 | 18 |
| 280 | Finite-size effects in amorphous Fe ₉₀ Zr ₁₀ /Al ₇₅ Zr ₂₅ multilayers. <i>Physical Review B</i> , 2012 , 85, | 3-3 | 15 |
| 279 | Large magnetic anisotropy of Fe ₂ P investigated via ab initio density functional theory calculations. <i>Physical Review B</i> , 2012 , 86, | 3-3 | 21 |
| 278 | Magnetic exchange interactions in B-, Si-, and As-doped Fe ₂ P from first-principles theory. <i>Physical Review B</i> , 2012 , 85, | 3-3 | 29 |
| 277 | Tuning of dielectric properties and magnetism of SrTiO ₃ by site-specific doping of Mn. <i>Physical Review B</i> , 2011 , 84, | 3-3 | 54 |
| 276 | Magnetic and Electron Spin Relaxation Properties of (Gd _x Y _{1-x}) ₂ O ₃ (0 ≤ x ≤ 1) Nanoparticles Synthesized by the Combustion Method. Increased Electron Spin Relaxation Times with Increasing Yttrium Content. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 5469-5477 | 3-8 | 15 |
| 275 | Phase transitions of (Cu,Ni) ₃ TeO ₆ solid solutions. <i>Inorganic Materials</i> , 2011 , 47, 1132-1140 | 0-9 | 2 |
| 274 | The crystal and magnetic structure of the magnetocaloric compound FeMnP _{0.5} Si _{0.5} . <i>Journal of Solid State Chemistry</i> , 2011 , 184, 2434-2438 | 3-3 | 17 |
| 273 | New type of incommensurate magnetic ordering in Mn ₃ TeO ₆ . <i>Materials Research Bulletin</i> , 2011 , 46, 1870-1877 | 3-1 | 31 |
| 272 | Short-Range Spin Order and Frustrated Magnetism in Mn ₂ InSbO ₆ and Mn ₂ ScSbO ₆ . <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 4691-4699 | 2-3 | 10 |
| 271 | Spin-glass-like ordering in the spinel ZnFe ₂ O ₄ ferrite. <i>Physica B: Condensed Matter</i> , 2011 , 406, 48-51 | 2-8 | 32 |
| 270 | Complex magnetism and magnetic-field-driven electrical polarization of Co ₃ TeO ₆ . <i>Physical Review B</i> , 2011 , 84, | 3-3 | 40 |
| 269 | Strongly enhanced magnetic moments in ferromagnetic FeMnP _{0.5} Si _{0.5} . <i>Applied Physics Letters</i> , 2011 , 99, 152502 | 3-4 | 17 |
| 268 | Order-disorder induced magnetic structures of FeMnP _{0.75} Si _{0.25} . <i>Physical Review B</i> , 2011 , 83, | 3-3 | 25 |
| 267 | Influence of the A cation on the low-temperature antiferromagnetism of ordered antiferroelectric A ₂ CoTeO ₆ perovskites. <i>Physical Review B</i> , 2011 , 83, | 3-3 | 12 |

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|-----|--|-----|----|
| 266 | A COMPARATIVE STUDY OF OXYGEN LOSS ON IN SITU HEATING IN PrMnO ₃ AND BaMnO ₃ . <i>International Journal of Modern Physics B</i> , 2011 , 25, 1235-1250 | 1.1 | 10 |
| 265 | Detailed study of ultra-soft magnetic properties of Fe ₇₄ Cu _{0.8} Nb _{2.7} Si _{15.5} B ₇ . <i>Philosophical Magazine</i> , 2011 , 91, 2117-2139 | 1.6 | 6 |
| 264 | Magnetic order near 270 K in mineral and synthetic Mn ₂ FeSbO ₆ ilmenite. <i>Applied Physics Letters</i> , 2011 , 98, 202505 | 3.4 | 22 |
| 263 | Tunneling and charging effects in discontinuous superparamagnetic Ni ₈₁ Fe ₁₉ /Al ₂ O ₃ multilayers. <i>Physical Review B</i> , 2010 , 81, | 3.3 | 11 |
| 262 | MECHANISM OF QUENCHING OF SUPERCONDUCTIVITY IN THE YBa ₂ Cu ₃ O _{7-x} SYSTEM ON SUBSTITUTION OF Zn FOR Cu. <i>International Journal of Modern Physics B</i> , 2010 , 24, 2135-2148 | 1.1 | 1 |
| 261 | Memory and rejuvenation in a spin glass. <i>Europhysics Letters</i> , 2010 , 90, 67003 | 1.6 | 30 |
| 260 | Structural and magnetic properties of the ordered perovskite Pb ₂ CoTeO ₆ . <i>Dalton Transactions</i> , 2010 , 39, 11136-48 | 4.3 | 24 |
| 259 | Novel polynuclear nickel(II) complex: hydrazine, sulfato, and hydroxo bridging in an unusual metal hexamer. Crystal structure and magnetic properties of [Ni ₆ (N ₂ H ₄) ₆ (SO ₄) ₄ (OH) ₂ (H ₂ O) ₈](SO ₄)(H ₂ O) ₁₀ . <i>Inorganic Chemistry</i> , 2010 , 49, 5359-61 | 5.1 | 18 |
| 258 | Neutron diffraction studies and the magnetism of an ordered perovskite: Ba ₂ CoTeO ₆ . <i>Dalton Transactions</i> , 2010 , 39, 5490-9 | 4.3 | 23 |
| 257 | Isothermal remanent magnetization and the spin dimensionality of spin glasses. <i>Philosophical Magazine Letters</i> , 2010 , 90, 723-729 | 1 | 13 |
| 256 | Aging experiments in a superspin glass system of Co particles in Mn matrix. <i>Journal of Physics: Conference Series</i> , 2010 , 200, 072074 | 0.3 | 10 |
| 255 | Dynamical studies on model spin glasses. <i>Journal of Physics: Conference Series</i> , 2010 , 200, 032042 | 0.3 | 1 |
| 254 | Synthesizing and investigating the structure and phase transitions in A ₃ TeO ₆ (A=Mn, Co, Ni) oxides. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2010 , 74, 724-726 | 0.4 | 10 |
| 253 | Magnetoelectric perovskite (Bi _{0.5} Pb _{0.5})(Fe _{0.5} Zr _{0.5})O ₃ : Preparation, structural and magnetic properties. <i>Solid State Sciences</i> , 2010 , 12, 115-122 | 3.4 | 10 |
| 252 | Observation of mixed-phase behavior in the Mn-doped cobaltite La _{0.7} Sr _{0.3} Co _{1-x} MnxO ₃ (x=0.0-0.5). <i>Journal of Magnetism and Magnetic Materials</i> , 2010 , 322, 753-755 | 2.8 | 8 |
| 251 | Atomistic spin dynamics of the Cu-Mn spin-glass alloy. <i>Physical Review B</i> , 2009 , 79, | 3.3 | 11 |
| 250 | Temperature evolution of structure and magnetic properties in the perovskite Sr ₂ MnSbO ₆ . <i>Materials Research Bulletin</i> , 2009 , 44, 822-830 | 5.1 | 13 |
| 249 | Sol-gel synthesis and characterization of polycrystalline GdFeO ₃ and Gd ₃ Fe ₅ O ₁₂ thin films. <i>Journal of Sol-Gel Science and Technology</i> , 2009 , 49, 253-259 | 2.3 | 20 |

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|-----|---|-----|----|
| 248 | Study of Sb substitution for Pr in the Pr _{0.67} Ba _{0.33} MnO ₃ system. <i>Journal of Magnetism and Magnetic Materials</i> , 2009 , 321, 305-311 | 2.8 | 10 |
| 247 | Neutron powder diffraction and magnetic study of perovskites Pb(Mn _{1/2} Nb _{1/2})O ₃ and Pb(Mn _{1/4} Fe _{1/4} Nb _{1/2})O ₃ . <i>Materials Research Bulletin</i> , 2008 , 43, 3074-3087 | 5.1 | 3 |
| 246 | Influence of PbZrO ₃ doping on the structural and magnetic properties of BiFeO ₃ . <i>Solid State Sciences</i> , 2008 , 10, 1875-1885 | 3.4 | 35 |
| 245 | Synthesis, nuclear structure, and magnetic properties of LaCr _{1-y} MnyO ₃ (y=0, 0.1, 0.2, and 0.3). <i>Journal of Alloys and Compounds</i> , 2008 , 457, 532-540 | 5.7 | 26 |
| 244 | Nuclear structure and magnetic properties of perovskite compounds La _{1-x} NdxFe _{0.5} Cr _{0.5} O ₃ (x=0.1, 0.15 and 0.2). <i>Journal of Alloys and Compounds</i> , 2008 , 458, 372-377 | 5.7 | 5 |
| 243 | Crystallization Behavior Of Cr Substituted Fe-Based Nanocrystalline Alloys. <i>AIP Conference Proceedings</i> , 2008 , | 0 | 1 |
| 242 | Non-equilibrium dynamics in fine magnetic particle systems. <i>Journal Physics D: Applied Physics</i> , 2008 , 41, 134011 | 3 | 8 |
| 241 | The influence of weak links on magnetic ordering in layered structures. <i>Europhysics Letters</i> , 2008 , 81, 17008 | 1.6 | 3 |
| 240 | Dynamics of diluted magnetic semiconductors from atomistic spin-dynamics simulations: Mn-doped GaAs. <i>Physical Review B</i> , 2008 , 78, | 3.3 | 19 |
| 239 | Air-stable organic-based semiconducting room temperature thin film magnet for spintronics applications. <i>Applied Physics Letters</i> , 2008 , 92, 163308 | 3.4 | 20 |
| 238 | Mössbauer and magnetization studies of iron oxide nanocrystals. <i>Hyperfine Interactions</i> , 2008 , 183, 49-53 | 0.8 | 25 |
| 237 | Preparation of iron oxide nanocrystals by surfactant-free or oleic acid-assisted thermal decomposition of a Fe(III) alkoxide. <i>Journal of Magnetism and Magnetic Materials</i> , 2008 , 320, 781-787 | 2.8 | 38 |
| 236 | Effects of Selective Dilution on the Magnetic Properties of La _{0.7} Sr _{0.3} Mn _{1-x} M' _x O ₃ (M' = Al, Ti). <i>Journal of the Korean Physical Society</i> , 2008 , 52, 1460-1464 | 0.6 | 2 |
| 235 | Dilution of the Magnetic Moment of Fe by Cr for Fe _{73.5-x} Cr _x Cu ₁ Nb ₃ Si _{13.5} B ₉ and the Field-Cooled and Zero-Field-Cooled Behavior for Higher Cr Content. <i>Journal of the Korean Physical Society</i> , 2008 , 53, 766-771 | 0.6 | 3 |
| 234 | Mössbauer and magnetization studies of iron oxide nanocrystals 2008 , 221-225 | | |
| 233 | Magnetic anisotropy of tetragonal FeCo/Pt(001) superlattices. <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 226218 | 1.8 | 23 |
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