

Roberto D Zysler

List of Publications by Year in descending order

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120
papers

4,481
citations

76196

40
h-index

118652

62
g-index

123
all docs

123
docs citations

123
times ranked

5067
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | High-temperature weak ferromagnetism in a low-density free-electron gas. <i>Nature</i> , 1999, 397, 412-414. | 13.7 | 417 |
| 2 | Surface anisotropy effects in NiO nanoparticles. <i>Physical Review B</i> , 2005, 72, . | 1.1 | 179 |
| 3 | Size dependence of the spin-flop transition in hematite nanoparticles. <i>Physical Review B</i> , 2003, 68, . | 1.1 | 156 |
| 4 | Surface spin-glass freezing in interacting core-shell NiO nanoparticles. <i>Nanotechnology</i> , 2008, 19, 185702. | 1.3 | 154 |
| 5 | Investigation of magnetic properties of interacting Fe ₂ O ₃ nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 224, 5-11. | 1.0 | 138 |
| 6 | Large surface magnetic contribution in amorphous ferromagnetic nanoparticles. <i>Physical Review B</i> , 2002, 65, . | 1.1 | 133 |
| 7 | Size-Dependent Passivation Shell and Magnetic Properties in Antiferromagnetic/Ferrimagnetic Core/Shell MnO Nanoparticles. <i>Journal of the American Chemical Society</i> , 2010, 132, 9398-9407. | 6.6 | 106 |
| 8 | Size and anisotropy determination by ferromagnetic resonance in dispersed magnetic nanoparticle systems. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 262, 235-241. | 1.0 | 95 |
| 9 | Surface and magnetic interaction effects in Mn ₃ O ₄ nanoparticles. <i>Physical Review B</i> , 2004, 70, . | 1.1 | 77 |
| 10 | Ag ⁺ Fe ₃ O ₄ Dimer Colloidal Nanoparticles: Synthesis and Enhancement of Magnetic Properties. <i>Journal of Physical Chemistry C</i> , 2010, 114, 10148-10152. | 1.5 | 77 |
| 11 | Bimagnetic CoO Core/CoFe ₂ O ₄ Shell Nanoparticles: Synthesis and Magnetic Properties. <i>Chemistry of Materials</i> , 2012, 24, 512-516. | 3.2 | 77 |
| 12 | <i>In vitro</i> and <i>in vivo</i> experiments with iron oxide nanoparticles functionalized with DEXTRAN or polyethylene glycol for medical applications: Magnetic targeting. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014, 102, 860-868. | 1.6 | 77 |
| 13 | Origin of the large dispersion of magnetic properties in nanostructured oxides: Fe _x O/Fe ₃ O ₄ nanoparticles as a case study. <i>Nanoscale</i> , 2015, 7, 3002-3015. | 2.8 | 76 |
| 14 | Evidence of large surface effects in Co-Ni amorphous nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 266, 233-242. | 1.0 | 70 |
| 15 | Size dependence of the magnetic properties of antiferromagnetic $CrMn_2$ nanoparticles. <i>Physical Review B</i> , 2008, 78, . | 1.1 | 70 |
| 16 | Heat generation in agglomerated ferrite nanoparticles in an alternating magnetic field. <i>Journal of Physics D: Applied Physics</i> , 2013, 46, 045002. | 1.3 | 68 |
| 17 | Magnetic properties of ultrafine γ -Fe ₂ O ₃ antiferromagnetic particles. <i>Journal of Magnetism and Magnetic Materials</i> , 1994, 133, 71-73. | 1.0 | 67 |
| 18 | Magnetic interaction evidence in γ -Fe ₂ O ₃ nanoparticles by magnetization and Mössbauer measurements. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 204, 29-35. | 1.0 | 64 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Effect of interparticle interactions in (Fe _{0.26} Ni _{0.74}) ₅₀ B ₅₀ magnetic nanoparticles. Journal of Magnetism and Magnetic Materials, 2000, 221, 37-44. | 1.0 | 63 |
| 20 | Preparation of iron oxide nanoparticles stabilized with biomolecules: Experimental and mechanistic issues. Acta Biomaterialia, 2013, 9, 4754-4762. | 4.1 | 61 |
| 21 | Tailoring the size in colloidal iron oxide magnetic nanoparticles. Nanotechnology, 2005, 16, 1474-1476. | 1.3 | 59 |
| 22 | Surface effects in α -Fe ₂ O ₃ nanoparticles. European Physical Journal B, 2004, 41, 171-175. | 0.6 | 57 |
| 23 | In Silico before In Vivo: how to Predict the Heating Efficiency of Magnetic Nanoparticles within the Intracellular Space. Scientific Reports, 2016, 6, 38733. | 1.6 | 57 |
| 24 | Magnetic interactions in hematite small particles obtained by ball milling. Journal of Magnetism and Magnetic Materials, 1999, 205, 234-240. | 1.0 | 56 |
| 25 | Size effects in bimagnetic CoO/CoFe ₂ O ₄ core/shell nanoparticles. Nanotechnology, 2014, 25, 355704. | 1.3 | 56 |
| 26 | Superparamagnetic iron-oxide nanoparticles mPEG350 and mPEG2000-coated: cell uptake and biocompatibility evaluation. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 909-919. | 1.7 | 50 |
| 27 | Structure and magnetic properties of thermally treated nano-hematite. Journal of Magnetism and Magnetic Materials, 2001, 224, 39-48. | 1.0 | 49 |
| 28 | Controlling the dominant magnetic relaxation mechanisms for magnetic hyperthermia in bimagnetic core-shell nanoparticles. Nanoscale, 2019, 11, 3164-3172. | 2.8 | 49 |
| 29 | Effects of thermal treatments on structural and magnetic properties of acicular \pm -Fe ₂ O ₃ nanoparticles. Scripta Materialia, 1999, 11, 797-803. | 0.5 | 48 |
| 30 | Effect of ion doping on CuO magnetism. Journal of Applied Physics, 2000, 87, 4870-4872. | 1.1 | 47 |
| 31 | Depression of the weak-ferromagnetism of CuO ₂ planes in Gd ₂ CuO ₄ through Ce and Th doping. Physica C: Superconductivity and Its Applications, 1989, 160, 341-346. | 0.6 | 44 |
| 32 | Surface anisotropy and surface-core interaction in Co ²⁺ /Ni ²⁺ and Fe ²⁺ /Ni ²⁺ dispersed amorphous nanoparticles. Physical Review B, 2005, 71, . | 1.1 | 44 |
| 33 | Magnetic and structural properties of pure hematite submitted to mechanical milling in air and ethanol. Physica B: Condensed Matter, 2007, 389, 145-149. | 1.3 | 44 |
| 34 | Tuning the coercivity and exchange bias by controlling the interface coupling in bimagnetic core/shell nanoparticles. Nanoscale, 2017, 9, 10240-10247. | 2.8 | 44 |
| 35 | Crystal-field interaction in the Gd _x Eu _{1-x} Ba ₂ Cu ₃ O _{7-δ} superconductors. Physical Review B, 1988, 38, 257-261. | 1.1 | 43 |
| 36 | Origin of magnetic anisotropy in ZnO/CoFe ₂ O ₄ and CoO/CoFe ₂ O ₄ core/shell nanoparticle systems. Applied Physics Letters, 2012, 101, 252405. | 1.5 | 43 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Simple and novel strategies to achieve shape and size control of magnetite nanoparticles intended for biomedical applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 504, 320-330. | 2.3 | 42 |
| 38 | Annealing effects on magnetic properties of acicular hematite nanoparticles. <i>Physica B: Condensed Matter</i> , 2002, 320, 206-209. | 1.3 | 41 |
| 39 | Surface effects in the magnetic properties of crystalline 3 nm ferrite nanoparticles chemically synthesized. <i>Journal of Applied Physics</i> , 2010, 108, 103919. | 1.1 | 41 |
| 40 | Surface effect in the magnetic order of antiferromagnetic nanoparticles. <i>Physica B: Condensed Matter</i> , 2006, 384, 277-281. | 1.3 | 40 |
| 41 | Magnetic Interactions and Energy Barrier Enhancement in Core/Shell Bimagnetic Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2015, 119, 15755-15762. | 1.5 | 40 |
| 42 | Bifunctional CoFe ₂ O ₄ /ZnO Core/Shell Nanoparticles for Magnetic Fluid Hyperthermia with Controlled Optical Response. <i>Journal of Physical Chemistry C</i> , 2018, 122, 3047-3057. | 1.5 | 38 |
| 43 | Effective anisotropy field variation of magnetite nanoparticles with size reduction. <i>European Physical Journal B</i> , 2008, 64, 211-218. | 0.6 | 37 |
| 44 | Resolving Material-Specific Structures within Fe ₃ O ₄ / ⁵⁵ Mn ₂ O ₃ Core Shell Nanoparticles Using Anomalous Small-Angle X-ray Scattering. <i>ACS Nano</i> , 2013, 7, 921-931. | 7.3 | 36 |
| 45 | Relaxation time diagram for identifying heat generation mechanisms in magnetic fluid hyperthermia. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1. | 0.8 | 36 |
| 46 | Improving degradation of real wastewaters with self-heating magnetic nanocatalysts. <i>Journal of Cleaner Production</i> , 2021, 308, 127385. | 4.6 | 36 |
| 47 | Novel and facile synthesis of magnetic composites by a modified co-precipitation method. <i>Materials Chemistry and Physics</i> , 2011, 130, 624-634. | 2.0 | 35 |
| 48 | Evolution of the magnetic anisotropy with particle size in antiferromagnetic Cr ₂ O ₃ nanoparticles. <i>Journal of Applied Physics</i> , 2010, 108, . | 1.1 | 32 |
| 49 | Evidence for Quantization of Mechanical Rotation of Magnetic Nanoparticles. <i>Physical Review Letters</i> , 2010, 104, 027202. | 2.9 | 31 |
| 50 | Effects of biological buffer solutions on the peroxidase-like catalytic activity of Fe ₃ O ₄ nanoparticles. <i>Nanoscale</i> , 2019, 11, 18393-18406. | 2.8 | 31 |
| 51 | Size and surface effects in the magnetic order of CoFe ₂ O ₄ nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 377, 44-51. | 1.0 | 29 |
| 52 | Internal magnetic field in La _{2-x} Sr _x CuO ₄ :Gd observed by electron paramagnetic resonance. <i>Physical Review B</i> , 1993, 47, 8156-8166. | 1.1 | 28 |
| 53 | Nanoscale magnetic structure and properties of solution-derived self-assembled La _{0.7} Sr _{0.3} MnO ₃ islands. <i>Journal of Applied Physics</i> , 2012, 111, 024307. | 1.1 | 28 |
| 54 | Ni- and Zn-doped hematite obtained by combustion of mixed metal oxinates. <i>Physica B: Condensed Matter</i> , 2004, 354, 27-34. | 1.3 | 27 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Free-Radical Formation by the Peroxidase-Like Catalytic Activity of MFe_2O_4 (M) Tj ETQq1 _{1.5} 0.784314 rgBT 0 | 1.5 | 27 |
| 56 | Different Gd^{3+} sites associated with magnetic ordering and structural distortions in Eu_2CuO_4 : Gd^{3+} observed via electron-paramagnetic-resonance measurements. <i>Physical Review B</i> , 1991, 44, 9467-9479. | 1.1 | 26 |
| 57 | Effect of thermal fluctuations in FMR experiments in uniaxial magnetic nanoparticles: Blocked vs. superparamagnetic regimes. <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 326, 138-146. | 1.0 | 26 |
| 58 | Superparamagnetism in AFM Cr_2O_3 nanoparticles. <i>Journal of Alloys and Compounds</i> , 2010, 495, 520-523. | 2.8 | 25 |
| 59 | Magnetization and electron paramagnetic resonance of Co clusters embedded in Ag nanoparticles. <i>Journal of Physics Condensed Matter</i> , 1999, 11, 5643-5654. | 0.7 | 24 |
| 60 | Exchange bias of Co nanoparticles embedded in Cr_2O_3 and Al_2O_3 matrices. <i>Journal of Applied Physics</i> , 2009, 106, . | 1.1 | 24 |
| 61 | Magnetization enhancement at low temperature due to surface ordering in Fe-Ni-B amorphous nanoparticles. <i>Physica B: Condensed Matter</i> , 2002, 320, 203-205. | 1.3 | 23 |
| 62 | Chemical synthesis and characterization of amorphous Fe-Ni-B magnetic nanoparticles. <i>Journal of Materials Science</i> , 2001, 36, 2291-2294. | 1.7 | 22 |
| 63 | Role of Anisotropy, Frequency, and Interactions in Magnetic Hyperthermia Applications: Noninteracting Nanoparticles and Linear Chain Arrangements. <i>Physical Review Applied</i> , 2021, 15, . | 1.5 | 22 |
| 64 | Changes in the structural and magnetic properties of Ni-substituted hematite prepared from metal oxinates. <i>Physics and Chemistry of Minerals</i> , 2004, 31, 625-632. | 0.3 | 21 |
| 65 | A new model to describe the crossover from superparamagnetic to blocked magnetic nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, e312-e315. | 1.0 | 20 |
| 66 | Exchange-coupling in thermal annealed bimagnetic core/shell nanoparticles. <i>Journal of Alloys and Compounds</i> , 2015, 633, 333-337. | 2.8 | 20 |
| 67 | Exchange bias and surface effects in bimagnetic CoO nanoparticles. <i>Physical Review B</i> , 2016, 94, . | | |
| 68 | Magnetic nanoparticles for drug targeting: from design to insights into systemic toxicity. Preclinical evaluation of hematological, vascular and neurobehavioral toxicology. <i>Biomaterials Science</i> , 2017, 5, 772-783. | 2.6 | 20 |
| 69 | Mössbauer-effect, magnetic, and neutron-diffraction study of NaFe_2O_7 . <i>Physical Review B</i> , 1990, 42, 25-32. | 1.1 | 19 |
| 70 | A New Quantitative Method to Determine the Uptake of SPIONs in Animal Tissue and Its Application to Determine the Quantity of Nanoparticles in the Liver and Lung of Balb-c Mice Exposed to the SPIONs. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 142-145. | 0.5 | 19 |
| 71 | Low-Dimensional Assemblies of Magnetic MnFe_2O_4 Nanoparticles and Direct <i>In Vitro</i> Measurements of Enhanced Heating Driven by Dipolar Interactions: Implications for Magnetic Hyperthermia. <i>ACS Applied Nano Materials</i> , 2020, 3, 8719-8731. | 2.4 | 19 |
| 72 | Metropolis algorithm for simulating hysteresis in ferromagnetic nanoparticles. <i>Physica B: Condensed Matter</i> , 2006, 372, 345-349. | 1.3 | 18 |

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|----|---|-----|-----------|
| 73 | Influence of chitosan coating on magnetic nanoparticles in endothelial cells and acute tissue biodistribution. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016, 27, 1069-1085. | 1.9 | 18 |
| 74 | Modeling the Magnetic-Hyperthermia Response of Linear Chains of Nanoparticles with Low Anisotropy: A Key to Improving Specific Power Absorption. <i>Physical Review Applied</i> , 2020, 14, . | 1.5 | 17 |
| 75 | Magnetic relaxation measurements of γ -Fe ₂ O ₃ antiferromagnetic particles below 1 K. <i>Physical Review B</i> , 2002, 65, . | 1.1 | 16 |
| 76 | Interparticle Interactions Effects on the Magnetic Order in Surface of Fe ₃ O ₄ Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 5913-5920. | 0.9 | 16 |
| 77 | Magnetic hardness features and loop shift in nanostructured CuO. <i>Journal of Applied Physics</i> , 2012, 112, . | 1.1 | 16 |
| 78 | Enhanced defect-mediated ferromagnetism in Cu ₂ O by Co doping. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 441, 374-386. | 1.0 | 16 |
| 79 | Effects of Zn Substitution in the Magnetic and Morphological Properties of Fe-Oxide-Based Core-Shell Nanoparticles Produced in a Single Chemical Synthesis. <i>Journal of Physical Chemistry C</i> , 2019, 123, 1444-1453. | 1.5 | 16 |
| 80 | Oxygen environment of Fe ions in YBa ₂ Cu ₃ O _{7-x} : A Mössbauer study. <i>Solid State Communications</i> , 1988, 66, 381-385. | 0.9 | 15 |
| 81 | Size dependence on the ordering process in colloidal FePt nanoparticles. <i>Journal of Applied Physics</i> , 2007, 101, 023903. | 1.1 | 15 |
| 82 | Ferromagnetic resonance in amorphous nanoparticles. <i>Physica B: Condensed Matter</i> , 2004, 354, 286-289. | 1.3 | 14 |
| 83 | Single-step chemical synthesis of ferrite hollow nanospheres. <i>Nanotechnology</i> , 2009, 20, 045606. | 1.3 | 14 |
| 84 | Functional nanocomposites based on the infusion or in situ generation of nanoparticles into amphiphilic epoxy gels. <i>Journal of Materials Chemistry</i> , 2010, 20, 10135. | 6.7 | 14 |
| 85 | Crystal-field effects in the electron-spin resonance of Gd ³⁺ and Er ³⁺ in Pr ₂ CuO ₄ . <i>Physical Review B</i> , 1991, 44, 826-829. | 1.1 | 13 |
| 86 | Thermal stabilization of magnetic nanoparticles embedded in a ferromagnetic matrix. <i>Nanotechnology</i> , 2007, 18, 115714. | 1.3 | 13 |
| 87 | Tunnel Magnetoresistance in Self-Assemblies of Exchange-Coupled Core/Shell Nanoparticles. <i>Physical Review Applied</i> , 2019, 11, . | 1.5 | 13 |
| 88 | Adjusting the Néel relaxation time of Fe ₃ O ₄ /Zn _x Co _{1-x} Fe ₂ O ₄ core/shell nanoparticles for optimal heat generation in magnetic hyperthermia. <i>Nanotechnology</i> , 2021, 32, 065703. | 1.3 | 13 |
| 89 | Unravelling the Elusive Antiferromagnetic Order in Wurtzite and Zinc Blende CoO Polymorph Nanoparticles. <i>Small</i> , 2018, 14, e1703963. | 5.2 | 12 |
| 90 | Magnetic properties of the Ca _n Fe ₂ Ti _{n-1} O _{3n-1} perovskite related series: An EPR study. <i>Journal of Solid State Chemistry</i> , 1992, 98, 25-32. | 1.4 | 11 |

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| 91 | Effect of Sn doping on the magnetic and transport properties of LaMnO ₃ + δ . Physica B: Condensed Matter, 2002, 320, 100-103. | 1.3 | 11 |
| 92 | Surface and Interparticle Effects in Amorphous Magnetic Nanoparticles. Nanostructure Science and Technology, 2005, , 239-261. | 0.1 | 11 |
| 93 | Zinc removal by Chlorella sp. biomass and harvesting with low cost magnetic particles. Algal Research, 2018, 33, 266-276. | 2.4 | 11 |
| 94 | Annealing effects on the magnetization of Co-Ni amorphous nanoparticles. Physica B: Condensed Matter, 2002, 320, 178-180. | 1.3 | 10 |
| 95 | Surface and frustration evidence in Co-Ni nanoparticles by FMR measurements. Journal of Magnetism and Magnetic Materials, 2005, 294, e87-e90. | 1.0 | 10 |
| 96 | Effect of oxygen non-stoichiometry on the structural and magnetotransport properties of LaMn _{0.85} Cr _{0.15} O ₃ + δ . Journal of Solid State Chemistry, 2008, 181, 1824-1832. | 1.4 | 10 |
| 97 | Monte Carlo simulation of Fe-Co amorphous nanoparticles magnetization. Physica B: Condensed Matter, 2008, 403, 390-393. | 1.3 | 10 |
| 98 | dc magnetization measurements in Eu ₂ CuO ₄ :Gd ³⁺ . Journal of Applied Physics, 1993, 73, 5680-5682. | 1.1 | 9 |
| 99 | Field-induced spin reorientation in Eu ₂ CuO ₄ :Gd studied by magnetic resonance. Physical Review B, 1993, 48, 16775-16784. | 1.1 | 9 |
| 100 | Annealing Effects on 5 nm Iron Oxide Nanoparticles. Journal of Nanoscience and Nanotechnology, 2007, 7, 3313-3317. | 0.9 | 9 |
| 101 | Comment on "Hausmannite Mn ₃ O ₄ nanorods: synthesis, characterization and magnetic properties". Nanotechnology, 2007, 18, 158001. | 1.3 | 9 |
| 102 | Dynamic study of the internal magnetic order of Mn ₃ O ₄ nanoparticles. Journal of Nanoparticle Research, 2011, 13, 5653-5659. | 0.8 | 8 |
| 103 | Exchange bias in ferrite hollow nanoparticles originated by complex internal magnetic structure. Materials Research Express, 2015, 2, 105001. | 0.8 | 8 |
| 104 | Magnetic Characterization of Co Doped Cu ₂ O Layers. IEEE Transactions on Magnetics, 2011, 47, 2640-2642. | 1.2 | 7 |
| 105 | Magnetic Hyperthermia Experiments with Magnetic Nanoparticles in Clarified Butter Oil and Paraffin: A Thermodynamic Analysis. Journal of Physical Chemistry C, 2020, 124, 27709-27721. | 1.5 | 7 |
| 106 | Anomalous Magnetization Enhancement and Frustration in the Internal Magnetic Order on (Fe _{0.69} Co _{0.31}) ₃₀ O ₄ Nanoparticles. Applied Sciences (Switzerland), 2012, 2, 315-326. | 1.3 | 6 |
| 107 | A physiologically based pharmacokinetic model to predict the superparamagnetic iron oxide nanoparticles (SPIONs) accumulation in vivo. European Journal of Nanomedicine, 2017, 9, . | 0.6 | 6 |
| 108 | β -cyclodextrin coating: improving biocompatibility of magnetic nanocomposites for biomedical applications. Journal of Materials Science: Materials in Medicine, 2020, 31, 22. | 1.7 | 6 |

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|-----|--|-----|-----------|
| 109 | Dependence of the composition, morphology and magnetic properties with the water and air exposure during the Fe _{1-y} O/Fe ₃ O ₄ core-shell nanoparticles synthesis. Journal of Nanoparticle Research, 2021, 23, 1. | 0.8 | 6 |
| 110 | Next generation of nanozymes: A perspective of the challenges to match biological performance. Journal of Applied Physics, 2021, 130, . | 1.1 | 5 |
| 111 | Experimental evidence of magnetic anisotropy induction by superconductivity in superlattices. Applied Physics Letters, 2008, 92, 152508. | 1.5 | 3 |
| 112 | Highly crystalline LiCuXFe _{1-x} PO ₄ nanoparticles synthesized by high temperature thermal decomposition: a morphological and electrical transport study. Journal Physics D: Applied Physics, 2016, 49, 335302. | 1.3 | 2 |
| 113 | Reply to "Comment on "Free-Radical Formation by the Peroxidase-Like Catalytic Activity of MFe ₂ O ₄ (M = Fe, Ni, and Mn) Nanoparticles" Journal of Physical Chemistry C, 2019, 123, 28511-28512. | 1.5 | 2 |
| 114 | Magnetic order in amorphous (Fe _{0.25} Nd _{0.75}) _{0.6} B _{0.4} nanoparticles. Journal of Applied Physics, 2009, 105, 113918. | 1.1 | 1 |
| 115 | Influence of substrate on the magnetic properties of Ni and permalloy sub-micrometric patterned stripes. Journal Physics D: Applied Physics, 2010, 43, 025001. | 1.3 | 1 |
| 116 | Interaction between natural magnetite sub-micrometric particles and the Fasciola hepatica egg: The role of the exposed surface area. Experimental Parasitology, 2019, 199, 59-66. | 0.5 | 1 |
| 117 | Comment on "Generalized Stoner-Wohlfarth Model and the Non-Langevin Magnetism of Single-Domain Particles" by M.A. Chuev. JETP Letters, 2008, 87, 703-706. | 0.4 | 0 |
| 118 | Tejada et al. Reply. Physical Review Letters, 2010, 105, . | 2.9 | 0 |
| 119 | Reactive Oxygen Species in Emulated Martian Conditions and Their Effect on the Viability of the Unicellular Alga <i>Scenedesmus dimorphus</i> . Astrobiology, 2021, 21, 692-705. | 1.5 | 0 |
| 120 | EPR and Magnetic Properties of the Ca _n Fe ₂ Mn _{n-2} O _{3n-1} Perovskite Related Series. European Physical Journal Special Topics, 1997, 07, C1-355-C1-356. | 0.2 | 0 |