

Parviz Kameli

List of Publications by Year in descending order

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176
papers

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81743

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docs citations

177
times ranked

4562
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#	ARTICLE	IF	CITATIONS
1	Effect of Ag doping on structural, optical, and photocatalytic properties of ZnO nanoparticles. Journal of Alloys and Compounds, 2015, 640, 408-415.	2.8	251
2	Structural, magnetic and microwave absorption properties of Ce-doped barium hexaferrite. Journal of Magnetism and Magnetic Materials, 2016, 397, 101-107.	1.0	199
3	Magnetocaloric effect in La _{0.67} Sr _{0.33} MnO ₃ manganite above room temperature. Journal of Magnetism and Magnetic Materials, 2011, 323, 2214-2218.	1.0	171
4	Superspin glass state in MnFe ₂ O ₄ nanoparticles. Journal of Magnetism and Magnetic Materials, 2010, 322, 2929-2934.	1.0	125
5	Fabrication of DLC thin films with improved diamond-like carbon character by the application of external magnetic field. Carbon, 2015, 94, 485-493.	5.4	113
6	Microstructure and optical properties of ZnO nanoparticles prepared by a simple method. Physica B: Condensed Matter, 2011, 406, 3215-3218.	1.3	112
7	Effect of annealing temperature on structural and magnetic properties of BaFe ₁₂ O ₁₉ hexaferrite nanoparticles. Ceramics International, 2014, 40, 7279-7284.	2.3	108
8	Superparamagnetic behavior of La _{0.67} Sr _{0.33} MnO ₃ nanoparticles prepared via sol-gel method. Journal of Magnetism and Magnetic Materials, 2009, 321, 3126-3131.	1.0	94
9	Effect of deoxygenation on the weak-link behavior of YBa ₂ Cu ₃ O _{7-δ} superconductors. Solid State Communications, 2003, 125, 407-411.	0.9	93
10	Exchange bias in LaFeO ₃ nanoparticles. Journal Physics D: Applied Physics, 2010, 43, 245002.	1.3	85
11	The effect of zinc doping on the structural and magnetic properties of Ni _{1-x} Zn _x Fe ₂ O ₄ . Journal of Materials Science, 2013, 48, 2969-2976.	1.7	82
12	Influence of grain size on magnetic and transport properties of polycrystalline La _{0.8} Sr _{0.2} MnO ₃ manganites. Journal of Alloys and Compounds, 2008, 450, 7-11.	2.8	69
13	Tunable magnetic and magnetocaloric properties of La _{0.6} Sr _{0.4} MnO ₃ nanoparticles. Journal of Applied Physics, 2013, 114, .	1.1	67
14	Solvothermal synthesis of MnFe ₂ O ₄ nanoparticles: The role of polymer coating on morphology and magnetic properties. Journal of Magnetism and Magnetic Materials, 2016, 399, 236-244.	1.0	67
15	Effects of Co-substitution on the structural and magnetic properties of Ni _{1-x} Co _x Fe ₂ O ₄ ferrite nanoparticles. Ceramics International, 2015, 41, 7352-7358.	2.3	64
16	The effect of Bi-2212 phase on the weak link behavior of Bi-2223 superconductors. Physica C: Superconductivity and Its Applications, 2004, 403, 60-66.	0.6	63
17	Conventional and inverse magnetocaloric effects in La _{0.45} Sr _{0.55} MnO ₃ nanoparticles. Journal of Applied Physics, 2011, 110, .	1.1	62
18	Influence of Sm-doping on the structural, magnetic, and electrical properties of La _{0.8-x} Sm _x Sr _{0.2} MnO ₃ (0 x ≤ 0.45) manganites. Journal of Alloys and Compounds, 2013, 579, 406-414.	2.8	61

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19	Effect of composition on structural and magnetic properties of nanocrystalline ball milled $Ni_{1-x}Zn_xFe_2O_4$ ferrite. <i>Physica B: Condensed Matter</i> , 2010, 405, 507-512.	1.3	60
20	Synthesis and characterization of basil seed mucilage coated Fe_3O_4 magnetic nanoparticles as a drug carrier for the controlled delivery of cephalexin. <i>International Journal of Biological Macromolecules</i> , 2018, 113, 317-328.	3.6	57
21	Effect of particle size on the structural and magnetic properties of $La_{0.8}Sr_{0.2}MnO_3$. <i>Journal of Applied Physics</i> , 2006, 100, 053914.	1.1	51
22	Mechanosynthesis of nanostructured magnetic $Ni-Zn$ ferrite. <i>Powder Technology</i> , 2009, 193, 150-153.	2.1	51
23	Effects of Zn-Cr-substitution on the structural and magnetic properties of $Ni_{1-x}Zn_xFe_2-xCr_xO_4$ ferrites. <i>Ceramics International</i> , 2016, 42, 16948-16955.	2.3	51
24	The effect of polyvinyl alcohol (PVA) coating on structural, magnetic properties and spin dynamics of $Ni_{0.3}Zn_{0.7}Fe_2O_4$ ferrite nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 347, 139-145.	1.0	50
25	The effect of dipole-dipole interactions on coercivity, anisotropy constant, and blocking temperature of $MnFe_2O_4$ nanoparticles. <i>Journal of Applied Physics</i> , 2016, 119, .	1.1	49
26	Correlations between microstructure and hydrophobicity properties of pulsed laser deposited diamond-like carbon films. <i>Superlattices and Microstructures</i> , 2015, 81, 64-79.	1.4	48
27	Structural, Magnetic and Microwave Properties of Eu-doped Barium Hexaferrite Powders. <i>Journal of Superconductivity and Novel Magnetism</i> , 2012, 25, 525-531.	0.8	47
28	Structural and magnetic characterizations of Cd substituted nickel ferrite nanoparticles. <i>Ceramics International</i> , 2014, 40, 15569-15575.	2.3	47
29	Particle size, spin wave and surface effects on magnetic properties of $MgFe_2O_4$ nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 422, 7-12.	1.0	47
30	Magnetization and anisotropy of cobalt ferrite thin films. <i>Physical Review Materials</i> , 2017, 1, .	0.9	47
31	The effect of sintering temperature on the intergranular properties of Bi_2223 superconductors. <i>Solid State Communications</i> , 2006, 137, 30-35.	0.9	45
32	The effect of TiO_2 doping on the structure and magnetic and magnetotransport properties of $La_{0.75}Sr_{0.25}MnO_3$ composite. <i>Journal of Applied Physics</i> , 2005, 98, 043908.	1.1	44
33	Influence of grain size on the electrical properties of the double-layered $LaSr_2Mn_2O_7$ manganite. <i>Journal of Physics and Chemistry of Solids</i> , 2012, 73, 744-750.	1.9	44
34	The effect of MgO doping on the structural, magnetic, and magnetotransport properties of $La_{0.8}Sr_{0.2}MnO_3$ manganite. <i>Journal of Theoretical and Applied Physics</i> , 2013, 7, 1.	1.4	44
35	Effects of Annealing Temperature on Exchange Spring Behavior of Barium Hexaferrite/Nickel Zinc Ferrite Nanocomposites. <i>Journal of Electronic Materials</i> , 2017, 46, 5933-5941.	1.0	44
36	$MnFe_2O_4$ bulk, nanoparticles and film: A comparative study of structural and magnetic properties. <i>Ceramics International</i> , 2016, 42, 12789-12795.	2.3	43

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37	Magnetic properties of $Zn_xFe_{3-x}O_4$ nanoparticles: A competition between the effects of size and Zn doping level. Journal of Magnetism and Magnetic Materials, 2019, 482, 206-218.	1.0	43
38	Magnetic properties of $CoFe_2O_4$ nanoparticles prepared by thermal treatment of ball-milled precursors. Current Applied Physics, 2011, 11, 476-481.	1.1	42
39	Structural and magnetic characterization of $La_{0.8}Sr_{0.2}MnO_3$ nanoparticles prepared via a facile microwave-assisted method. Journal of Solid State Chemistry, 2014, 215, 1-7.	1.4	41
40	Exchange spring behavior in $Co_{0.6}Zn_{0.4}Fe_2O_4/SrFe_{10}O_{16.75}$ nanocomposites. Ceramics International, 2015, 41, 1603-1608.	2.3	39
41	Structural and magnetic properties of Co_2CrAl Heusler alloys prepared by mechanical alloying. Journal of Magnetism and Magnetic Materials, 2010, 322, 3443-3446.	1.0	38
42	Ag/Pd core-shell nanoparticles by a successive method: Pulsed laser ablation of Ag in water and reduction reaction of $PdCl_2$. Applied Surface Science, 2014, 292, 892-897.	3.1	38
43	The effect of NiO doping on the structure, magnetic and magnetotransport properties of $La_{0.8}Sr_{0.2}MnO_3$ composite. Journal of Alloys and Compounds, 2007, 437, 22-26.	2.8	37
44	Strongly interacting superspins in Fe_3O_4 nanoparticles. Current Applied Physics, 2012, 12, 812-816.	1.1	37
45	Synthesis and characterization of PVP-coated $Co_{0.65}Zn_{0.35}Fe_2O_4$ nanoparticles. Journal of Applied Physics, 2013, 113, .	1.1	33
46	Phase separation and direct magnetocaloric effect in $La_{0.5}Ca_{0.5}MnO_3$ manganite. Journal of Applied Physics, 2013, 113, .	1.1	33
47	Magnetic properties of $MnFe_2O_4$ nano-aggregates dispersed in paraffin wax. Journal of Magnetism and Magnetic Materials, 2015, 385, 308-312.	1.0	32
48	Positron annihilation lifetime, cation distribution and magnetic features of $Ni_{1-x}Zn_xFe_{2-x}Co_xO_4$ ferrite nanoparticles. RSC Advances, 2017, 7, 22320-22328.	1.7	31
49	AC susceptibility study of YBCO thin film and BSCCO bulk superconductors. Journal of Magnetism and Magnetic Materials, 2004, 278, 237-243.	1.0	28
50	Effect of Cu substitution on magnetocaloric and critical behavior in $Ni_{47}Mn_{40}Sn_{13-x}Cu_x$ alloys. Journal of Alloys and Compounds, 2017, 708, 34-42.	2.8	28
51	Magnetic properties, exchange bias, and memory effects in core-shell superparamagnetic nanoparticles of $La_{0.67}Sr_{0.33}MnO_3$. Journal of Applied Physics, 2017, 121, .	1.1	28
52	Microstructure, mechanical properties and corrosion performance of $Fe_{44}Cr_{15}Mo_{14}Co_7C_{10}B_5Si_5$ thin film metallic glass deposited by DC magnetron sputtering. Journal of Non-Crystalline Solids, 2020, 527, 119718.	1.5	28
53	Effect of Yb doping on the structural and magnetic properties of cobalt ferrite nanoparticles. Materials Research Bulletin, 2022, 147, 111642.	2.7	28
54	Co-doped $MnFe_2O_4$ nanoparticles: magnetic anisotropy and interparticle interactions. Beilstein Journal of Nanotechnology, 2019, 10, 856-865.	1.5	27

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55	Reentrant spin glass behavior in $\text{La}_{0.8}\text{Sr}_{0.2}\text{Mn}_{1-x}\text{Ti}_x\text{O}_3$ manganites. <i>Solid State Communications</i> , 2009, 149, 1274-1277.	0.9	26
56	Modification of hydrophobicity properties of diamond like carbon films using glancing angle deposition method. <i>Materials Letters</i> , 2018, 220, 301-304.	1.3	26
57	Inverse-direct magnetocaloric effect crossover in $\text{Ni}_{47}\text{Mn}_{40}\text{Sn}_{12.5}\text{Cu}_{0.5}$ Heusler alloy in cyclic magnetic fields. <i>Applied Physics Letters</i> , 2018, 113, 172406.	1.5	26
58	Hydrogen sensing by wet-gasochromic coloring of $\text{PdCl}_2(\text{aq})/\text{WO}_3$ and the role of hydrophilicity of tungsten oxide films. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 127-136.	4.0	25
59	Gasochromic tungsten oxide films with PdCl_2 solution as an aqueous Hydrogen catalyst. <i>Solar Energy Materials and Solar Cells</i> , 2013, 108, 105-112.	3.0	25
60	The effect of sintering temperature on evolution of structural and magnetic properties of nanostructured $\text{Ni}_{0.3}\text{Zn}_{0.7}\text{Fe}_2\text{O}_4$ ferrite. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	25
61	Competition between the impact of cation distribution and crystallite size on properties of $\text{Mn}_x\text{Fe}_{3-x}\text{O}_4$ nanoparticles synthesized at room temperature. <i>Ceramics International</i> , 2017, 43, 15381-15391.	2.3	25
62	Magnetic hyperthermia properties of CoFe_2O_4 nanoparticles: Effect of polymer coating and interparticle interactions. <i>Ceramics International</i> , 2022, 48, 27995-28005.	2.3	25
63	Structural, magnetic and electromagnetic wave absorption properties of $\text{SrFe}_{12}\text{O}_{19}/\text{ZnO}$ nanocomposites. <i>Journal of Materials Science</i> , 2013, 48, 186-191.	1.7	24
64	Magnetocaloric effect in $\text{Ni}_{47}\text{Mn}_{40}\text{Sn}_{13}$ alloy prepared by mechanical alloying. <i>Journal of Alloys and Compounds</i> , 2014, 598, 6-10.	2.8	24
65	Magnetic Properties of Interacting $\text{La}_{0.67}\text{Sr}_{0.33}\text{MnO}_3$ Nanoparticles. <i>Journal of Superconductivity and Novel Magnetism</i> , 2012, 25, 1123-1132.	0.8	23
66	The effect of grinding on magnetic properties of agglomerated MnFe_2O_4 nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2012, 324, 154-160.	1.0	23
67	Structural features and temperature-dependent magnetic response of cobalt ferrite nanoparticle substituted with rare earth sm^{3+} . <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 543, 168664.	1.0	23
68	The role of Ag on dynamics of superspins in $\text{MnFe}_2-x\text{Ag}_x\text{O}_4$ nanoparticles. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	22
69	Effect of heat treatment on martensitic transformation of $\text{Ni}_{47}\text{Mn}_{40}\text{Sn}_{13}$ ferromagnetic shape memory alloy prepared by mechanical alloying. <i>Metals and Materials International</i> , 2015, 21, 758-764.	1.8	22
70	Multifractal analysis of DLC thin films deposited by pulsed laser deposition. <i>Applied Surface Science</i> , 2019, 479, 639-645.	3.1	22
71	Direct and indirect measurement of the magnetocaloric effect in the $\text{La}_{0.5}\text{Ca}_{0.5-x}\text{Pb}_x\text{MnO}_3$ ($0 \leq x \leq 0.2$) manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 494, 165734.	1.0	20
72	Gasochromic effect in colloidal nanoparticles of tungsten oxide dihydrate synthesized via a simple anodizing method. <i>Solar Energy Materials and Solar Cells</i> , 2015, 132, 329-336.	3.0	19

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73	Magnetocaloric effect and critical behavior in $\text{La}_{0.8-x}\text{Pr}_x\text{Sr}_{0.2}\text{MnO}_3$ ($x = 0.2, 0.4, 0.5$) manganites. <i>Solid State Communications</i> , 2017, 262, 20-28.	0.9	19
74	Structural, magnetic and magnetotransport properties of $\text{La}_{0.8}\text{Sr}_{0.2}\text{MnO}_3/\text{xLaMnO}_3$ composites. <i>Journal of Alloys and Compounds</i> , 2008, 463, 18-24.	2.8	18
75	Effects of pH and sintering temperature on the synthesis and electrical properties of the bilayered $\text{LaSr}_2\text{Mn}_2\text{O}_7$ manganite prepared by the sol-gel process. <i>Journal of Materials Science</i> , 2012, 47, 5815-5822.	1.7	18
76	Evolution of microstructural and mechanical properties of nanocrystalline Co_2FeAl Heusler alloy prepared by mechanical alloying. <i>Powder Metallurgy</i> , 2013, 56, 111-116.	0.9	18
77	Localized surface plasmon resonance H ₂ detection by MoO_3 colloidal nanoparticles fabricated by the flame synthesis method. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 18628-18638.	3.8	18
78	Facile Synthesis of $\text{Co}_3\text{O}_4/\text{CoO}$ Nanoparticles by Thermal Treatment of Ball-Milled Precursors. <i>Journal of Superconductivity and Novel Magnetism</i> , 2011, 24, 1907-1910.	0.8	17
79	Specific heat and magnetocaloric effect of $\text{Pr}_{1-x}\text{Ag}_x\text{MnO}_3$ manganites. <i>Journal of Materials Science</i> , 2014, 49, 294-299.	1.7	17
80	Cooling-field dependence of exchange bias effect in $\text{La}_{0.45}\text{Sr}_{0.55}\text{MnO}_3$ nanoparticles. <i>Journal of Applied Physics</i> , 2014, 116, .	1.1	17
81	The Effect of EDTA on the Synthesis of Ni Ferrite Nanoparticles. <i>Journal of Superconductivity and Novel Magnetism</i> , 2012, 25, 2357-2363.	0.8	16
82	Effects of strain on the magnetic and transport properties of the epitaxial $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 420, 33-38.	1.0	16
83	Effects of rare earth ions substitution on the magnetocaloric and critical behavior of $\text{La}_{0.6}\text{A}_{0.2}\text{Sr}_{0.2}\text{MnO}_3$ ($A=\text{Pr, Nd, Ce}$) manganite. <i>Journal of Alloys and Compounds</i> , 2017, 718, 443-452.	2.8	16
84	An Effort Towards Full Graphene Photodetectors. <i>Photonic Sensors</i> , 2022, 12, 31-67.	2.5	16
85	Thermally activated flux creep in the $\text{Bi}_{1.66}\text{Pb}_{0.34}\text{Sr}_2\text{Ca}_{2-x}\text{Mg}_x\text{Cu}_3\text{O}_y$ superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2008, 468, 137-141.	0.6	15
86	An Investigation on Magnetic Interacting $\text{La}_{0.6}\text{Sr}_{0.4}\text{MnO}_3$ Nanoparticles. <i>Advanced Materials Research</i> , 2013, 829, 712-716.	0.3	15
87	AC susceptibility study of $\text{Bi}_{1.66}\text{Pb}_{0.34}\text{Sr}_2\text{Ca}_{2-x}\text{Mg}_x\text{Cu}_3\text{O}_y$ ($x=0, 0.2$ and 0.4) superconductor systems. <i>Journal of Alloys and Compounds</i> , 2008, 458, 61-65.	2.8	14
88	Magnetocaloric and phase coexistence in $\text{La}_{0.5}\text{Ca}_{0.5}\text{Sr}_x\text{MnO}_3$ manganites. <i>Journal of Applied Physics</i> , 2015, 118, .	1.1	14
89	Laser induced photoconductivity in sol-gel derived Al doped ZnO thin films. <i>Journal of Alloys and Compounds</i> , 2015, 649, 35-45.	2.8	14
90	Influence of Al-doping on the structural, magnetic, and electrical properties of $\text{La}_{0.8}\text{Ba}_{0.2}\text{Mn}_{1-x}\text{Al}_x\text{O}_3$ ($0 \leq x \leq 0.25$) manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 465, 339-347.	1.0	14

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91	Effect of praseodymium in cation distribution, and temperature-dependent magnetic response of cobalt spinel ferrite nanoparticles. <i>Nanotechnology</i> , 2022, 33, 275709.	1.3	14
92	The structural and magnetic properties of one-step mechanochemical route synthesized La _{0.8} Pb _{0.2} MnO ₃ manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 2533-2536.	1.0	13
93	Magnetic and Structural Properties of Ni/NiO Nanoparticles Prepared Using Nickel Acetate and Polyvinyl Acetate Precursor. <i>Journal of Superconductivity and Novel Magnetism</i> , 2010, 23, 1467-1471.	0.8	13
94	Preparation and investigation of electrical and electrochemical properties of lanthanum-based cathode for solid oxide fuel cell. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 9398-9400.	3.8	13
95	Impact of Co doping on magnetic and electrical properties of La _{0.5} Ca _{0.5} Mn _{1-x} Co _x O ₃ (0 ≤ x ≤ 0.05) manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2014, 365, 107-114.	1.0	13
96	Surface modification of ZnS films by applying an external magnetic field in vacuum chamber. <i>Materials Research Express</i> , 2017, 4, 096408.	0.8	13
97	Magnetic Evaluation of the Nanoparticles Coated with Polyvinylpyrrolidone and Polyvinyl Chloride Nanoparticles Synthesized by Electro-deposition Method for Hyperthermia Application. <i>Journal of Superconductivity and Novel Magnetism</i> , 2019, 32, 2021-2030.	0.8	13
98	Low-Temperature Electrical Resistivity of Bilayered LaSr ₂ Mn ₂ O ₇ Manganite. <i>Journal of Low Temperature Physics</i> , 2016, 183, 359-370.	0.6	12
99	Magnetic and structural properties of Nb-substituted magnetoelectric $\text{Pb}(\text{Mg}_{1-x}\text{Nb}_x)_2\text{O}_7$ multiferroics. <i>Physical Review B</i> , 2019, 100, 114407.	1.1	12
100	Complex magnetoelectric effect in multiferroic composites: the case of PFN-PT/(Co,Ni)Fe ₂ O ₄ . <i>Journal Physics D: Applied Physics</i> , 2019, 52, 505001.	1.3	12
101	Magnetocaloric effect in W-doped Ni _{1-x} Mn _x Sn alloy probed by direct and indirect measurements. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 235001.	1.3	12
102	Effect of laser pulse repetition rate on morphology and magnetic properties of cobalt ferrite films grown by pulsed laser deposition. <i>Applied Surface Science</i> , 2019, 466, 215-223.	3.1	12
103	Magnetic and magnetocaloric properties of Ni _{1-x} Tl _x Ba ₂ Ca ₃ Cu ₄ O ₁₂ alloys: Direct measurements and first-principles calculations. <i>Physical Review B</i> , 2020, 101, 104407.	1.1	11
104	Structural, magnetic and transport properties of La _{0.8} Sr _{0.2} MnO ₃ /xNiO composites. <i>Journal of Physics Condensed Matter</i> , 2006, 18, 8281-8294.	0.7	11
105	An investigation on the impact of Al doping on the structural and magnetic properties of Fe ₃ O ₄ nanoparticles. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	1.1	11
106	Structural and magnetic properties of Co/Al ₂ O ₃ cermet synthesized by mechanical ball milling. <i>Ceramics International</i> , 2020, 46, 20116-20121.	2.3	11
107	Weak-link behaviour of Cu _{1-x} Tl _x Ba ₂ Ca ₃ Cu ₄ O ₁₂ superconductor thin films. <i>Superconductor Science and Technology</i> , 2006, 19, 410-414.	1.8	10
108	AC-susceptibility measurements of Cu _{1-x} Tl _x Ba ₂ Ca ₃ Cu ₄ O ₁₂ superconductor thin films with different thallium content. <i>Physica C: Superconductivity and Its Applications</i> , 2008, 468, 233-236.	0.6	10

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109	Optical, Structural, and Magnetic Properties of ZnO:Co Nanoparticles Prepared by a Thermal Treatment of Ball Milled Precursors. Journal of Superconductivity and Novel Magnetism, 2011, 24, 2293-2298.	0.8	10
110	DC magnetization studies of nano- and micro-particles of bilayered manganite LaSr ₂ Mn ₂ O ₇ . Journal of Alloys and Compounds, 2014, 586, 261-266.	2.8	10
111	Effects of Sn vacancy and excess Sn doping on structural, magnetic and electrical properties of Ni ₄₇ Mn ₄₀ Sn ₁₃ ferromagnetic shape memory alloy. Intermetallics, 2017, 82, 14-19.	1.8	10
112	Adjusting the K-doping of La _{1-x} K _x MnO ₃ (0.1 ≤ x ≤ 0.35) films to obtain high TCR and LFMR at room-temperature. Applied Surface Science, 2022, 589, 152905.	3.1	10
113	AC susceptibility of YBa ₂ Cu ₃ O _{7-δ} superconducting thin film in a perpendicular field. Physica B: Condensed Matter, 2002, 321, 337-341.	1.3	9
114	The effect of grain boundaries on the domain wall dynamics in Pr _{1-x} Ag _x MnO ₃ manganites. Journal of Applied Physics, 2010, 107, 083913.	1.1	9
115	Magnetocaloric effect in Pr _{1-x} Ag _x MnO ₃ manganites. JETP Letters, 2010, 91, 341-343.	0.4	9
116	Correlation study of structural, optical, and hydrophobicity properties of diamond-like carbon films prepared by an anode layer source. Materials Research Express, 2019, 6, 055601.	0.8	9
117	The influence of external magnetic field on the pulsed laser deposition growth of graphene on nickel substrate at room temperature. Diamond and Related Materials, 2019, 93, 233-240.	1.8	9
118	Structural and magnetic properties of CoFe ₂ O ₄ ferrite nanoparticles doped by gadolinium. Nanotechnology, 2022, 33, 045704.	1.3	9
119	Ac magnetic susceptibility of the self-doped manganites La _{0.9-x} Sr _{0.1} MnO ₃ (x=0.02 and 0.03). Journal of Alloys and Compounds, 2007, 433, 11-17.	2.8	8
120	Effect of annealing treatment on the magnetic properties of mechanochemical synthesized manganites. Solid State Communications, 2009, 149, 1950-1954.	0.9	8
121	Structural, magnetic and electrical characterization of the La _{0.7} Ca _{0.3} Co _{1-x} Mn _x O ₃ (x=0, 0.7 and 1) compounds prepared by a simple method. Journal of Rare Earths, 2014, 32, 965-972.	2.5	8
122	Effect of ZnO on Structural and Magnetic Properties of MnFe ₂ O ₄ /ZnO Nanocomposite. Journal of Superconductivity and Novel Magnetism, 2015, 28, 3343-3350.	0.8	8
123	Size Dependence of Electrical Properties of La _{0.8} Sr _{0.2} MnO ₃ Nanoparticles. Journal of Superconductivity and Novel Magnetism, 2016, 29, 2969-2977.	0.8	8
124	Microstructure and Magnetic Properties of FePt Thin Films on SiO ₂ /Si (100) and Si Substrates Prepared Under External Magnetic Field. Journal of Superconductivity and Novel Magnetism, 2017, 30, 1949-1961.	0.8	8
125	Instability of magnetization and resistivity in La _{0.5} Ca _{0.5} Mn _{1-x} Al _x O ₃ (0 ≤ x ≤ 0.025) ceramic manganites. Journal of Alloys and Compounds, 2019, 792, 1095-1101.	2.8	8
126	Ferromagnetic insulating and reentrant spin glass behavior in Mg doped La _{0.75} Sr _{0.25} MnO ₃ manganites. Journal of Non-Crystalline Solids, 2009, 355, 917-921.	1.5	7

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127	Effect of Oxygen Pressure on the Surface Roughness and Intergranular Behavior of YBCO Thin Films. Journal of Superconductivity and Novel Magnetism, 2016, 29, 1483-1489.	0.8	7
128	Fabrication of Co thin films using pulsed laser deposition method with or without employing external magnetic field. Journal of Magnetism and Magnetic Materials, 2016, 417, 117-121.	1.0	7
129	Effect of La deficiency on structure and magnetic properties of the $\text{Bi}_{2-x}\text{Pr}_x\text{Ca}_1\text{Cu}_2\text{O}_y$ system. Superconductor Science and Technology, 2003, 16, 922-925.	0.6	7
130	Synthesis and characterisation of Fe_3O_4 at MPTMS at Au nanocomposite by sol-gel method for the removal of methylene blue. Micro and Nano Letters, 2018, 13, 979-984.	0.6	7
131	Prediction of amorphous phase formation by thermodynamic and kinetic analysis, a Fe-based thin film metallic glass deposited by direct current magnetron sputtering. Materials Research Express, 2019, 6, 096407.	0.8	7
132	Oxygen doping effect on wettability of diamond-like carbon films. Materials Research Express, 2021, 8, 035601.	0.8	7
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