

Perumal Alagarsamy

List of Publications by Year in descending order

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129
papers

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279798

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Triboelectrification based on NiO-Mg magnetic nanocomposite: Synthesis, device fabrication, and energy harvesting performance. <i>Nano Energy</i> , 2022, 91, 106662.	16.0	20
2	Significant effect of synthesis methodologies of metal-organic frameworks upon the additively manufactured dual-mode triboelectric nanogenerator towards self-powered applications. <i>Nano Energy</i> , 2022, 98, 107253.	16.0	30
3	NiO-Ti nanocomposites for contact electrification and energy harvesting: experimental and DFT+U studies. <i>Sustainable Energy and Fuels</i> , 2022, 6, 2439-2448.	4.9	3
4	A Green Metal-Organic Framework-Cyclodextrin MOF: A Novel Multifunctional Material Based Triboelectric Nanogenerator for Highly Efficient Mechanical Energy Harvesting. <i>Advanced Functional Materials</i> , 2021, 31, 2101829.	14.9	64
5	Large linear sensitivity of asymmetric structured giant magnetoresistive device with metastable bcc-Cu spacer and auxiliary biquadratic coupling through Rh spacer. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 255004.	2.8	3
6	Room temperature ferromagnetism in Zn-doped NiO nanoparticles: An experimental and DFT+U approach. <i>Journal of Alloys and Compounds</i> , 2021, 868, 159176.	5.5	19
7	Size and strain induced phase formation and ferromagnetism in reduced TiO ₂ powders. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 154, 110058.	4.0	5
8	Studies of Structural, Electrical, and Magnetic Characteristics of Double Perovskite Ceramic: La ₂ FeMnO ₆ . <i>Physica Status Solidi (B): Basic Research</i> , 2021, 258, 2100299.	1.5	7
9	Systematic investigation of the effect of layer thickness on the linear sensing characteristics of asymmetric structured CoFe/Rh/CoFe/Cu/CoFe fully epitaxial CIP-GMR based magnetic sensors. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 538, 168321.	2.3	3
10	Lead-free flexible Bismuth Titanate-PDMS composites: A multifunctional colossal dielectric material for hybrid piezo-triboelectric nanogenerator to sustainably power portable electronics. <i>Nano Energy</i> , 2021, 89, 106316.	16.0	61
11	Evolution of epsilon-near-zero plasmon with surface roughness and demonstration of perfect absorption in randomly rough indium tin oxide thin films. <i>Journal of Applied Physics</i> , 2021, 130, 173102.	2.5	4
12	Structural, vibrational and magnetic properties of NiO-(Mg,Ti) powders: The effect of reduction reaction. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 494, 165784.	2.3	5
13	Tuning magnetic anisotropy in Fe _{1-x} Ni _x thin films: The effects of composition and substrate temperature. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
14	Experimental and first-principles study of defect-induced electronic and magnetic properties of ZnO nanocrystals. <i>Journal of Physics and Chemistry of Solids</i> , 2020, 146, 109580.	4.0	10
15	Investigation of NiO reduction dynamics and properties of NiO-Ti powders. <i>Journal of Alloys and Compounds</i> , 2020, 840, 155769.	5.5	3
16	Defect induced ferromagnetism in NiO nanocrystals: Insight from experimental and DFT+U study. <i>Physica B: Condensed Matter</i> , 2020, 593, 412319.	2.7	9
17	Microstructure, magnetic and transport properties of a Mn ₂ CoAl Heusler compound. <i>Acta Materialia</i> , 2019, 176, 33-42.	7.9	35
18	Thickness dependent magneto-static and magneto-dynamic properties of CoFeB thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2019, 37, .	2.1	10

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19	Thickness-Dependent Thermal Oxidation of Ni into NiO Thin Films. Journal of Superconductivity and Novel Magnetism, 2018, 31, 3761-3775.	1.8	13
20	Tuning the magnetic properties of stripe domain structured CoFeB films using stack structure with spacer layer thickness dependent interlayer coupling. Journal of Magnetism and Magnetic Materials, 2018, 448, 23-30.	2.3	12
21	Tuning Magnetic Properties of Thick CoFeB Film by Interlayer Coupling in Trilayer Structured Thin Films. Journal of Material Science & Engineering, 2018, 07, .	0.2	3
22	Interlayer coupling in symmetric and asymmetric CoFeB based trilayer films with different domain structures: Role of spacer layer and temperature. Journal of Magnetism and Magnetic Materials, 2018, 462, 29-40.	2.3	6
23	Influence of compositional variation on structural, electrical and magnetic characteristics of (Ba _{1-x} Gd _x) (Ti _{1-x} Fe _x) O ₃ (0.2) Tj ETQq1.4 0.78434 rgBT	0.78434	4
24	Mechanical activation on aluminothermic reduction and magnetic properties of NiO powders. Journal Physics D: Applied Physics, 2017, 50, 21LT01.	2.8	10
25	Effect of oxidation on the structural, vibrational, magnetic and electrical properties of Fe thin films. AIP Conference Proceedings, 2017, , .	0.4	0
26	Effects of composition, thickness and temperature on the magnetic properties of amorphous CoFeB thin films. Journal of Alloys and Compounds, 2017, 694, 823-832.	5.5	24
27	Effect of Mn doping on magnetic and dielectric properties of YFeO ₃ . Ceramics International, 2017, 43, 1323-1334.	4.8	65
28	Study of Exchange Bias in Mn-Doped YFeO ₃ Compound. Journal of Superconductivity and Novel Magnetism, 2016, 29, 2165-2170.	1.8	8
29	Effect of annealing on structural and magnetic properties of Al substituted nanocrystalline Fe ₈₀ Si ₁₀ Co alloy powders. Journal of Magnetism and Magnetic Materials, 2016, 417, 62-68.	2.3	8
30	Magnetic properties of single-layer and multilayer structured Co ₄₀ Fe ₄₀ B ₂₀ thin films. Thin Solid Films, 2016, 616, 126-133.	1.8	4
31	Thickness dependent ferromagnetism in thermally decomposed NiO thin films. Journal of Magnetism and Magnetic Materials, 2016, 418, 86-91.	2.3	19
32	Growth Mechanism of Columnar Grains in FePt/C Granular Films for HAMR Media Processed by Compositionally Graded Sputtering. IEEE Transactions on Magnetics, 2016, 52, 1-4.	2.1	4
33	Temperature dependent magnetic coupling between ferromagnetic FeTaC layers in multilayer thin films. Journal of Magnetism and Magnetic Materials, 2016, 418, 21-29.	2.3	3
34	Perpendicular Standing Spin Wave and Magnetic Anisotropic Study on Amorphous FeTaC Films. IEEE Transactions on Magnetics, 2016, 52, 1-4.	2.1	9
35	Enhanced magnetic properties of NiO powders by the mechanical activation of aluminothermic reduction of NiO prepared by a ball milling process. Journal of Magnetism and Magnetic Materials, 2016, 418, 253-259.	2.3	9
36	Interlayer coupling dependent magnetic properties in amorphous and nanocrystalline FeTaC based multilayer thin films. Journal Physics D: Applied Physics, 2016, 49, 085001.	2.8	3

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37	Effect of heat treatment and spacer layer driven interlayer coupling in laminated type FeTaC thin films. Journal of Magnetism and Magnetic Materials, 2016, 401, 1015-1026.	2.3	3
38	Structure Optimization of FePt/C Nanogranular Films for Heat-Assisted Magnetic Recording Media. IEEE Transactions on Magnetics, 2016, 52, 1-8.	2.1	9
39	Enhanced room temperature ferromagnetism in antiferromagnetic NiO nanoparticles. AIP Advances, 2015, 5, .	1.3	88
40	Structural and magnetic properties of Ni-Mn-Sn thin films. AIP Conference Proceedings, 2015, , .	0.4	0
41	Effect of underlayer on thickness dependent magnetic properties of Ni-Fe films. , 2015, , .		0
42	Effect of Ta Underlayer on Thickness-Dependent Magnetic Properties of Ni/Fe Films. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	6
43	Effect of annealing on the magnetic properties of ball milled NiO powders. Journal of Magnetism and Magnetic Materials, 2015, 384, 296-301.	2.3	18
44	Spin dynamics and frequency dependence of magnetic damping study in soft ferromagnetic FeTaC film with a stripe domain structure. AIP Advances, 2015, 5, 067157.	1.3	9
45	Structural and magnetic properties of nanocrystalline Fe/Co/Si alloy powders produced by mechanical alloying. Journal of Alloys and Compounds, 2015, 648, 658-666.	5.5	16
46	Evolution of Magnetic Properties of $\text{CaO-P}_2\text{O}_5\text{-Na}_2\text{O-Fe}_2\text{O}_3$ Glass Upon Heat Treatment. IEEE Transactions on Magnetics, 2014, 50, 1-4.		
47	Critical behavior and magnetic entropy change at magnetic phase transitions in Ni 50 Mn 35 In 14 Si 1 ferromagnetic shape memory alloy. Europhysics Letters, 2014, 108, 66004.	2.0	10
48	Thermomagnetic properties of nanocrystalline Fe/Si alloys with high Si content. Physica B: Condensed Matter, 2014, 448, 60-63.	2.7	6
49	Study on the depth profile analysis of Fe/Co intermixing in [SmCo5/Fe]11 magnetic multilayers. Physica B: Condensed Matter, 2014, 448, 2-5.	2.7	0
50	Effect of Cobalt Doping on the Structural, Microstructure and Microwave Dielectric Properties of MgTiO3 Ceramics Prepared by Semi Alkoxide Precursor Method. Journal of the American Ceramic Society, 2014, 97, 1054-1059.	3.8	31
51	Magnetic properties of Co doped MgTiO3 ceramics. Physica B: Condensed Matter, 2014, 448, 330-332.	2.7	2
52	Finite Size Effects in Magnetic and Optical Properties of Antiferromagnetic NiO Nanoparticles. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	33
53	Estimation of entropy change at the first order martensitic transition in Ni/Mn/X based ferromagnetic shape memory alloys. Physica B: Condensed Matter, 2014, 448, 327-329.	2.7	15
54	Ferromagnetism and ferroelectricity in Fe doped BaTiO3. Physica B: Condensed Matter, 2014, 448, 204-206.	2.7	49

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55	Structural and Magnetic Properties of $\text{Fe}_{100}\text{Si}_x$ ($0 \leq x \leq 1$) Thin Films. <i>Journal of Applied Physics</i> , 2014, 115, 1-4.	2.1	3
56	Effect of Postannealing and Multilayer Structure on Soft Magnetic Properties of FeTaC Thin Film. <i>IEEE Transactions on Magnetics</i> , 2014, 50, 1-4.	2.1	2
57	Room temperature ferromagnetism in finite sized ZnO nanoparticles. <i>Physica B: Condensed Matter</i> , 2014, 448, 115-119.	2.7	11
58	Selected papers from International Conference on Magnetic Materials and Applications. <i>Physica B: Condensed Matter</i> , 2014, 448, iii.	2.7	0
59	Optical properties of ambient temperature grown nanocrystalline Mg_2TiO_4 thin films. <i>Surface and Coatings Technology</i> , 2013, 221, 196-200.	4.8	5
60	Influence of solidification rate and heat treatment on magnetic refrigerant properties of melt spun $\text{Ni}_{51}\text{Mn}_{34}\text{In}_{14}\text{Si}_1$ ribbons. <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 344, 152-157.	2.3	22
61	Effect of annealing and atmosphere on the structure and optical properties of Mg_2TiO_4 thin films obtained by the radio frequency magnetron sputtering method. <i>Journal of Experimental Nanoscience</i> , 2013, 8, 371-381.	2.4	9
62	Effect of particle size on the magneto-caloric properties of $\text{Ni}_{51}\text{Mn}_{34}\text{In}_{14}\text{Si}_1$ alloy. <i>Journal of Alloys and Compounds</i> , 2013, 572, 192-198.	5.5	20
63	Enhanced densification and microwave dielectric properties of Mg_2TiO_4 ceramics added with CeO_2 nanoparticles. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2013, 178, 471-476.	3.5	33
64	Effect of Fe layer thickness and Fe/Co intermixing on the magnetic properties of Sm^{2+} /Co/Fe bilayer exchange-spring magnets. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 155002.	2.8	10
65	High Temperature Magnetic Properties of Indirect Exchange Spring FePt/M(Cu,C)/Fe Trilayer Thin Films. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-9.	2.7	3
66	Spacer layer and temperature driven magnetic properties in multilayer structured FeTaC thin films. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 445005.	2.8	9
67	Enhanced soft magnetic properties in stress free amorphous FeTaC/Ta multilayer thin films. , 2013, , .		0
68	Effect of Process Parameters and Post Annealing Temperature on Structural and Optical Properties of MgTiO_3 Thin Films Deposited by RF Magnetron Sputtering. <i>Springer Proceedings in Physics</i> , 2013, , 291-300.	0.2	4
69	Magnetic refrigerant properties of $\text{Ni}_{50}\text{Mn}_{37-x}\text{Fe}_x\text{Sn}_{13}$ alloy at low magnetic fields. , 2012, , .		0
70	Thickness dependent magnetic properties of amorphous FeTaC films. <i>Journal of Applied Physics</i> , 2012, 111, 093915.	2.5	14
71	MICROSTRUCTURAL CHANGES UPON ANNEALING AND IT'S EFFECT ON MAGNETIC AND MECHANICAL PROPERTIES OF NANOSIZED COBALT FERRITE. <i>International Journal of Nanoscience</i> , 2012, 11, 1250005.	0.7	3
72	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{CoFe} \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle 2 \langle \text{mml:mtext} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle 20$ Nanocomposites as Photocatalyst for the Degradation of Methy. <i>Journal of Nanotechnology</i> , 2012, 1-6.	3.4	20

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73	Room temperature ferromagnetism in Co doped ZnO within an optimal doping level of 5%. Materials Research Bulletin, 2012, 47, 1417-1422.	5.2	30
74	TEMPERATURE DEPENDENT COERCIVITY AND RELAXATION PHENOMENA IN AMORPHOUS Fe _{1-x} (Mn) _x Zr _{1-x} NANOPARTICLES. International Journal of Nanoscience, 2011, 10, 605-609.	0.7	2
75	Neutron powder diffraction studies and magnetic properties in Nd _{1-x} K _x MnO ₃ (x=0.15 and 0.20) compounds. Journal of Applied Physics, 2011, 109, 07E150.	2.5	1
76	Effect of Co and Cu substitution on the magnetic entropy change in Ni ₄₆ Mn ₄₃ Sn ₁₁ alloy. Journal of Applied Physics, 2011, 109, .	2.5	39
77	Hierarchical Assembly of Sm ₂ Co ₇ /Co Magnetic Nanoparticles into Highly Stable and Uniform Nanospheres. Journal of Nanoscience and Nanotechnology, 2011, 11, 3706-3710.	0.9	4
78	Enhanced soft magnetic properties in multilayer structured amorphous Fe-Ta-C films. Journal of Applied Physics, 2011, 109, 07A304.	2.5	9
79	Evaluation of Ni-Mn-In-Si Alloys for Magnetic Refrigerant Application. IEEE Transactions on Magnetics, 2011, 47, 2463-2465.	2.1	7
80	Effect of oxygen vacancy and dopant concentration on the magnetic properties of high spin Co ₂₊ doped TiO ₂ nanoparticles. Journal of Magnetism and Magnetic Materials, 2011, 323, 440-446.	2.3	81
81	Thin magnetic films of Sm-Co nanocrystallites exploiting spin coating deposition. Thin Solid Films, 2011, 519, 6290-6296.	1.8	5
82	Enhanced Magnetocaloric Effect In Cobalt Substituted Ni-Mn-Ga Alloys. , 2011, , .		0
83	Influence of Synthesis Processes on Microstructure and Magnetic Properties in Fe ₇₀ Co ₃₀ Alloy Nanoparticles. , 2011, , .		2
84	ROLE OF MICROSTRUCTURE AND DOMAIN STRUCTURE ON THE SOFT MAGNETIC PROPERTIES OF MAGNETIC FIELD ANNEALED Fe _{89-x} Zr ₁₁ B _x ALLOYS. International Journal of Nanoscience, 2011, 10, 301-305.	0.7	0
85	L10-ordered high coercivity (FePt)Ag-C granular thin films for perpendicular recording. Journal of Magnetism and Magnetic Materials, 2010, 322, 2658-2664.	2.3	173
86	Critical behavior studies in ferromagnetic (Nd, K)-Mn-O compounds. Journal of Magnetism and Magnetic Materials, 2010, 322, 3391-3395.	2.3	8
87	Enhanced soft magnetic properties and magnetocaloric effect in B substituted amorphous Fe-Zr alloy ribbons. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 175, 253-260.	3.5	52
88	FePtAg-C nanogranular films fabricated on a heat resistant glass substrate for perpendicular magnetic recording. Journal of Applied Physics, 2010, 108, 083907.	2.5	17
89	One-Step Synthesis of Sm-Co Spherical Granules via Superhydride Reduction. Advanced Science Letters, 2010, 3, 49-52.	0.2	8
90	Microstructures and magnetic properties of rapidly solidified Ni ₅₄ Fe ₂₇ Ga _{19+2x} ferromagnetic Heusler alloys. Journal of Applied Physics, 2009, 105, 07A943.	2.5	7

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91	High temperature coercive field behavior of Fe ₈₀ Zr ₂₀ powder. Journal of Applied Physics, 2009, 105, 07A306.	2.5	2
92	Evolution of atomic order and soft magnetism in mechanically alloyed nanocrystalline Fe ₈₀ Si ₂₀ powders subjected to heat treatment. Journal Physics D: Applied Physics, 2009, 42, 105001.	2.8	7
93	Ni ²⁺ -oxide bridged manganese(II) coordination polymers. Journal of Coordination Chemistry, 2009, 62, 1513-1524.	2.2	17
94	Effect of Co or Mn addition on the soft magnetic properties of amorphous Fe ₈₉ xZr ₁₁ B _x (x=5, 10) alloy ribbons. Journal of Magnetism and Magnetic Materials, 2009, 321, 4097-4102.	2.3	17
95	Fe ₈₀ Ta ₂₀ C soft underlayer for double-layered perpendicular recording media. Journal of Applied Physics, 2009, 105, 07A304.	2.5	14
96	FePt-C nanogranular films for perpendicular magnetic recording. Journal of Applied Physics, 2009, 105, .	2.5	30
97	Mixing characterization of mechanically milled Fe ₇₅ Si ₁₅ M ₁₀ powders using Mössbauer spectroscopy. Hyperfine Interactions, 2008, 184, 147-153.	0.5	3
98	Structure and magnetic properties of nanocrystalline Fe ₇₅ Si ₂₅ powders prepared by mechanical alloying. Journal of Magnetism and Magnetic Materials, 2008, 320, 2780-2783.	2.3	49
99	High temperature magnetic properties of mechanically alloyed Fe ₈₀ Zr ₂₀ powder. Materials Letters, 2008, 62, 2640-2642.	2.6	2
100	Magnetic properties of mechanically alloyed Fe _{100-x} Zr _x (20 ≤ x ≤ 35) powder. Journal Physics D: Applied Physics, 2008, 41, 215003.	2.8	11
101	Structural, Kinetic And Magnetic Properties Of Mechanically Alloyed Fe-Zr Powders. AIP Conference Proceedings, 2008, , .	0.4	0
102	Microstructure and magnetic properties of nanocrystalline Fe ₇₅ Si ₂₀ M ₅ (M= Al, B, Cr) powders. Journal Physics D: Applied Physics, 2008, 41, 165002.	2.8	4
103	Particulate structure of L10 ordered ultrathin FePt films for perpendicular recording. Applied Physics Letters, 2008, 92, .	3.3	75
104	Properties of Nanocrystalline Fe ₇₅ Si ₁₅ M ₁₀ (M=Cr and Al) Powders Prepared by Mechanical Alloying. Journal of Nanoscience and Nanotechnology, 2008, 8, 4314-4317.	0.9	3
105	Structural analysis of mechanically alloyed nanocrystalline Fe ₇₅ Si ₁₅ Al ₁₀ powders. Materials Letters, 2007, 61, 824-826.	2.6	19
106	Critical behavior studies in La _{1-x} Ag _x MnO ₃ double-exchange ferromagnet. Physica Status Solidi (B): Basic Research, 2006, 243, 1908-1913.	1.5	21
107	Low temperature noncollinear behavior in FePt nanogranular thin film system. Thin Solid Films, 2006, 510, 280-285.	1.8	1
108	Annealing effect on magnetic property and recording performance of [FePt/MgO] _n perpendicular magnetic recording media. Journal of Magnetism and Magnetic Materials, 2005, 286, 306-310.	2.3	8

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109	High-density perpendicular magnetic recording media of granular-type (FePt/MgO)/soft underlayer. IEEE Transactions on Magnetics, 2005, 41, 555-559.	2.1	43
110	Double-layered perpendicular magnetic recording media of granular-type FePt/MgO films. Journal of Magnetism and Magnetic Materials, 2005, 287, 224-228.	2.3	11
111	Reentrant behavior of amorphous FeMnZr alloys. Journal of Magnetism and Magnetic Materials, 2003, 254-255, 100-103.	2.3	3
112	Evidence for spin-fluctuation scattering in reentrant amorphous FeMnZr alloys. Physica B: Condensed Matter, 2003, 327, 415-418.	2.7	0
113	Magnetic properties of carbon-doped FePt nanogranular films. Applied Physics Letters, 2003, 83, 3326-3328.	3.3	44
114	Quenched Disorder and the Critical Behavior of a Partially Frustrated System. Physical Review Letters, 2003, 91, 137202.	7.8	67
115	Perpendicular thin films of carbon-doped FePt for ultrahigh-density magnetic recording media. IEEE Transactions on Magnetics, 2003, 39, 2320-2322.	2.1	15
116	Critical behavior of weak itinerant ferromagnet $\text{Fe}_{90-x}\text{Mn}_x\text{Zr}_{10}$ ($0 < x < 16$) alloys. Physical Review B, 2003, 67, .	3.2	10
117	Electrical transport and magnetotransport studies in WEAK ITINERANT amorphous $\text{Fe}_{90-x}\text{Mn}_x\text{Zr}_{10}$ ($0 < x < 16$) alloys. Physical Review B, 2003, 68, .	3.2	4
118	Anisotropic magnetoresistance in a- $\text{Fe}_{90-x}\text{Mn}_x\text{Zr}_{10}$ alloys ($x=0-12$). Journal of Applied Physics, 2003, 93, 7272-7274.	2.5	2
119	Fine control of L10 ordering and grain growth kinetics by C doping in FePt films. Applied Physics Letters, 2003, 82, 2311-2313.	3.3	52
120	Magnetic properties of amorphous $\text{Fe}_{90-x}\text{Mn}_x\text{Zr}_{10}$ ($0 < x < 12$) alloys. Physical Review B, 2002, 65, .	3.2	21
121	Dynamics of magnetic susceptibility in amorphous $\text{Fe}_{80}\text{Mn}_{10}\text{Zr}_{10}$. Journal of Alloys and Compounds, 2001, 326, 288-291.	5.5	2
122	Critical behavior of electrical resistivity in amorphous Fe-Zr alloys. Pramana - Journal of Physics, 2001, 56, 569-577.	1.8	4
123	Low field ac response in Mn substituted amorphous Fe/Zr alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2001, 304-306, 1004-1007.	5.6	2
124	Spin fluctuations in reentrant a- $\text{Fe}_{90-x}\text{Mn}_x\text{Zr}_{10}$ alloys. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1329-1331.	2.3	3
125	Correction to scaling critical exponents and amplitudes for amorphous Fe/Mn/Zr alloys. Journal of Magnetism and Magnetic Materials, 2001, 233, 280-289.	2.3	13
126	An ac Susceptibility Study of Mn Substituted Amorphous FeZr Alloys. Physica Status Solidi A, 2000, 178, 783-791.	1.7	7

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127	Critical behavior of Mn-substituted a-FeZr alloys. Physica B: Condensed Matter, 2000, 292, 164-172.	2.7	10
128	Chemical colouring of aluminium. Surface Technology, 1984, 22, 15-20.	0.4	5
129	<i>L</i> ₁ FePt/C Nanogranular Perpendicular Anisotropy Films with Narrow Size Distribution. Applied Physics Express, 0, 1, 101301.	2.4	76