

Marco Coisson

List of Publications by Year in descending order

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186
papers

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188
docs citations

188
times ranked

2529
citing authors

#	ARTICLE	IF	CITATIONS
1	Disordered to ordered phase transformation: Correlation between microstructure and magnetic properties in FePd thin films. Journal of Applied Physics, 2022, 131, .	1.1	3
2	Nanoporous FePd alloy as multifunctional ferromagnetic SERS-active substrate. Applied Surface Science, 2021, 543, 148759.	3.1	15
3	Structural, Wetting and Magnetic Properties of Sputtered Fe70Pd30 Thin Film with Nanostructured Surface Induced by Dealloying Process. Nanomaterials, 2021, 11, 282.	1.9	4
4	Effect of the Substrate Crystallinity on Morphological and Magnetic Properties of Fe70Pd30 Nanoparticles Obtained by the Solid-State Dewetting. Sensors, 2021, 21, 7420.	2.1	4
5	Experimental and Modelling Analysis of the Hyperthermia Properties of Iron Oxide Nanocubes. Nanomaterials, 2021, 11, .	1.9	0
6	Experimental and Modelling Analysis of the Hyperthermia Properties of Iron Oxide Nanocubes. Nanomaterials, 2021, 11, 2179.	1.9	13
7	Au-Coated Ni80Fe20 Submicron Magnetic Nanodisks: Interactions With Tumor Cells. Frontiers in Nanotechnology, 2020, 2, .	2.4	2
8	A comparative study of the influence of the deposition technique (electrodeposition versus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 T Materials, 2020, 21, 424-434.	2.8	9
9	Measurement of thin film magnetostriction using field-dependent atomic force microscopy. Applied Surface Science, 2020, 525, 146514.	3.1	3
10	Structural and Magnetic Properties of FePd Thin Film Synthesized by Electrodeposition Method. Materials, 2020, 13, 1454.	1.3	8
11	Specific Loss Power of Co/Li/Zn-Mixed Ferrite Powders for Magnetic Hyperthermia. Sensors, 2020, 20, 2151.	2.1	16
12	European Research on Magnetic Nanoparticles for Biomedical Applications: Standardisation Aspects. Advances in Intelligent Systems and Computing, 2020, , 316-326.	0.5	5
13	Multi-analytical characterization of Fe-rich magnetic inclusions in diamonds. Diamond and Related Materials, 2019, 98, 107489.	1.8	4
14	Rotatable magnetic anisotropy in Fe78Si9B13 thin films displaying stripe domains. Applied Surface Science, 2019, 476, 402-411.	3.1	16
15	Influence of shape, size and magnetostatic interactions on the hyperthermia properties of permalloy nanostructures. Scientific Reports, 2019, 9, 6591.	1.6	24
16	Specific loss power measurements by calorimetric and thermal methods on $\hat{1}^3$ -Fe2O3 nanoparticles for magnetic hyperthermia. Journal of Magnetism and Magnetic Materials, 2019, 473, 403-409.	1.0	19
17	Cation distribution effect on static and dynamic magnetic properties of Co _{1-x} Zn _x Fe ₂ O ₄ ferrite powders. Journal of Magnetism and Magnetic Materials, 2018, 456, 372-380.	1.0	46
18	Formation of free-standing magnetic particles by solid-state dewetting of Fe80Pd20 thin films. Journal of Alloys and Compounds, 2018, 742, 751-758.	2.8	8

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19	Growth of room temperature ferromagnetic $\text{Ge}_{1-x}\text{Mn}_x$ quantum dots on hydrogen passivated Si (100) surfaces. <i>AIP Advances</i> , 2018, 8, 056414.	0.6	3
20	Effect of the A1 to L10 transformation on the structure and magnetic properties of polycrystalline $\text{Fe}_{56}\text{Pd}_{44}$ alloy thin films produced by thermal evaporation technique. <i>Thin Solid Films</i> , 2018, 668, 9-13.	0.8	6
21	Interplay between magnetic anisotropies in CoAu and Co films and antidot arrays: effects on the spin configuration and hysteretic behavior. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 16835-16846.	1.3	2
22	Experimental insight into the magnetic and electrical properties of amorphous $\text{Ge}_{1-x}\text{Mn}_x$. <i>Science and Technology of Advanced Materials</i> , 2017, 18, 34-42.	2.8	3
23	Iron oxide inside SBA-15 modified with amino groups as reusable adsorbent for highly efficient removal of glyphosate from water. <i>Applied Surface Science</i> , 2017, 411, 457-465.	3.1	60
24	Hysteresis losses and specific absorption rate measurements in magnetic nanoparticles for hyperthermia applications. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1545-1558.	1.1	49
25	Magnetization switching in high-density magnetic nanodots by a fine-tune sputtering process on a large-area diblock copolymer mask. <i>Nanoscale</i> , 2017, 9, 16981-16992.	2.8	10
26	Mixed exchange-coupled soft $\hat{\Gamma}$ -(Fe 80 Pd 20) and hard L1 0 FePd phases in Fe 64 Pd 36 thin films studied by first order reversal curves. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2017, 226, 47-56.	1.7	6
27	Prediction of saturation magnetostriction in solid-solution ternary alloys. <i>Journal of Materials Science</i> , 2017, 52, 13227-13236.	1.7	0
28	Tailoring magnetic properties of multicomponent layered structure via current annealing in FePd thin films. <i>Scientific Reports</i> , 2017, 7, 16691.	1.6	8
29	Bi-Component Nanostructured Arrays of Co Dots Embedded in $\text{Ni}_{80}\text{Fe}_{20}$ Antidot Matrix: Synthesis by Self-Assembling of Polystyrene Nanospheres and Magnetic Properties. <i>Nanomaterials</i> , 2017, 7, 232.	1.9	7
30	Development and calibration of a MFM-based system for local hysteresis loops measurements. <i>Journal of Physics: Conference Series</i> , 2016, 755, 012002.	0.3	1
31	Magnetic vortex chirality determination via local hysteresis loops measurements with magnetic force microscopy. <i>Scientific Reports</i> , 2016, 6, 29904.	1.6	10
32	Surface modification and cellular uptake evaluation of Au-coated $\text{Ni}_{80}\text{Fe}_{20}$ nanodiscs for biomedical applications. <i>Interface Focus</i> , 2016, 6, 20160052.	1.5	9
33	Influence of lattice defects on the ferromagnetic resonance behaviour of 2D magnonic crystals. <i>Scientific Reports</i> , 2016, 6, 22004.	1.6	29
34	Spin Waves Observation and Their Modeling Through Effective Parameters in Antidot Arrays. <i>IEEE Transactions on Magnetics</i> , 2016, 52, 1-5.	1.2	2
35	Magnetization reversal and microstructure in polycrystalline $\text{Fe}_{50}\text{Pd}_{50}$ dot arrays by self-assembling of polystyrene nanospheres. <i>Science and Technology of Advanced Materials</i> , 2016, 17, 462-472.	2.8	19
36	Specific absorption rate determination of magnetic nanoparticles through hyperthermia measurements in non-adiabatic conditions. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 415, 2-7.	1.0	33

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37	Influence of current annealing on the magnetic properties of amorphous and crystalline soft thin films. , 2015, , .		0
38	Static and Dynamic Analysis of Magnetic Tunnel Junctions With Wedged MgO Barrier. IEEE Transactions on Magnetics, 2015, 51, 1-4.	1.2	2
39	Magnetic and magnetotransport properties of bi-component arrays of magnetic dots by self-assembling of polystyrene nanospheres. , 2015, , .		0
40	Comprehensive Theoretical and Experimental Analysis of Spin Waves in Magnetic Thin Film. IEEE Transactions on Magnetics, 2015, 51, 1-4.	1.2	2
41	Ni ₈₀ Fe ₂₀ nanodisks by nanosphere lithography for biomedical applications. Journal of Applied Physics, 2015, 117, 17B304.	1.1	18
42	Metrology to support therapeutic and diagnostic techniques based on electromagnetics and nanomagnetism. Rendiconti Lincei, 2015, 26, 245-254.	1.0	0
43	Static and dynamic properties of magnetic nanostructured films for magnetosensing applications. , 2015, , .		0
44	Magnetic hysteresis in array of magnetic nanostructures by block copolymers. , 2015, , .		0
45	Modeling of the influence of defects on magnonic spectra of permalloy antidot arrays. , 2015, , .		0
46	Local hysteresis loops measurements on irradiated FeSiB patterned dots by magnetic force microscopy. Journal of Magnetism and Magnetic Materials, 2015, 373, 250-254.	1.0	2
47	Formation, Time-Dependent Temperature-Transformation curves and magnetic properties of FeCoNbSiBP metallic glasses. Journal of Alloys and Compounds, 2015, 619, 437-442.	2.8	3
48	Chemical, electronic, and magnetic structure of LaFeCoSi alloy: Surface and bulk properties. Journal of Applied Physics, 2014, 115, 203901.	1.1	3
49	Synthesis and soft magnetic properties of Zn _{0.8} Ni _x Mg _{0.1} Cu _{0.1} Fe ₂ O ₄ (x=0.0~0.8) ferrites prepared by sol-gel auto-combustion method. Journal of Alloys and Compounds, 2014, 615, S313-S316.	2.8	38
50	Microstructural evolution and magnetic properties in Fe ₅₀ Pd ₅₀ sputtered thin films submitted to post-deposition annealing. Journal of Alloys and Compounds, 2014, 615, S236-S241.	2.8	9
51	Magnetic properties dependence on the coupled effects of magnetic fields on the microstructure of as-deposited and post-annealed Co/Ni bilayer thin films. Journal of Magnetism and Magnetic Materials, 2014, 372, 159-166.	1.0	5
52	Local field loop measurements by magnetic force microscopy. Journal Physics D: Applied Physics, 2014, 47, 325003.	1.3	11
53	Microwave Properties and Damping in [Pt/Co] Multilayers With Perpendicular Anisotropy. IEEE Magnetics Letters, 2014, 5, 1-4.	0.6	7
54	Non-Conventional Techniques for the Study of Phase Transitions in NiTi-Based Alloys. Journal of Materials Engineering and Performance, 2014, 23, 2491-2497.	1.2	4

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55	Anisotropic magneto-resistance in Ni ₈₀ Fe ₂₀ antidot arrays with different lattice configurations. Applied Surface Science, 2014, 316, 380-384.	3.1	6
56	Pure magnetic hard fct FePt nanoparticles: Chemical synthesis, structural and magnetic properties correlations. Materials Chemistry and Physics, 2014, 144, 186-193.	2.0	14
57	Electron-irradiation induced changes in structural and magnetic properties of Fe and Co based metallic glasses. Journal of Alloys and Compounds, 2014, 615, S324-S327.	2.8	9
58	Magnetic properties and amorphous-to-nanocrystalline transformation by thermal treatments in Fe _{84.3} Si ₄ P ₃ B ₈ Cu _{0.7} amorphous thin films. Journal of Alloys and Compounds, 2014, 615, S280-S284.	2.8	3
59	Temperature dependence of magnetic and magnetotransport properties in BiFeO ₃ thin films by pulsed laser deposition. Materials Research Society Symposia Proceedings, 2014, 1636, 1.	0.1	0
60	Tunable frequency ferromagnetic resonance of Co nanowire arrays. , 2013, , .		0
61	Tunable frequency ferromagnetic resonance of Co nanowire arrays. , 2013, , .		0
62	Tunable frequency ferromagnetic resonance of Co nanowire arrays. , 2013, , .		0
63	Magnetic properties of jet-printer inks containing dispersed magnetite nanoparticles. European Physical Journal B, 2013, 86, 1.	0.6	49
64	Arrays of ordered nanostructures in Fe-Pt thin films by self-assembling of polystyrene nanospheres. Journal of Applied Physics, 2013, 113, .	1.1	12
65	Magnetic and Magnetoresistive Properties of Thin Films Patterned by Self-Assembling Polystyrene Nanospheres. Springer Series in Materials Science, 2013, , 171-195.	0.4	1
66	Correlation between microstructure at fine scale and magnetic properties of magnetoresistive Cu ₈₀ Fe ₁₀ Ni ₁₀ ribbons: Modeling of magnetization. Journal of Magnetism and Magnetic Materials, 2013, 333, 22-29.	1.0	1
67	Tunable frequency ferromagnetic resonance of Co nanowire arrays. , 2013, , .		0
68	Tunable frequency ferromagnetic resonance of Co nanowire arrays. , 2013, , .		0
69	Soft magnetic thin films: influence of annealing on magnetic properties. Journal of Physics: Conference Series, 2012, 365, 012003.	0.3	12
70	Large-area patterned magnetic nanostructures by self-assembling of polystyrene nanospheres. Materials Research Society Symposia Proceedings, 2012, 1411, 19.	0.1	2
71	Microwave Behavior of Polymer Bonded Iron Oxide Nanoparticles. IEEE Transactions on Magnetics, 2012, 48, 3394-3397.	1.2	17
72	Magnetic properties of current-annealed amorphous thin films. Journal of Applied Physics, 2012, 112, 053910.	1.1	6

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73	Microstructure and magnetic properties of $(\text{Fe}_{100-x}\text{Co}_x)_{84.5}\text{Nb}_{5.5}\text{B}_{8.5}\text{P}_2$ alloys. Journal of Alloys and Compounds, 2012, 536, S337-S341.	2.8	6
74	Arrays of nanostructured antidot in $\text{Ni}_{80}\text{Fe}_{20}$ magnetic thin films by photolithography of polystyrene nanospheres. Applied Surface Science, 2012, 259, 44-48.	3.1	9
75	Microstructure, magnetic and transport properties of magneto-resistive $\text{Cu}_{80}\text{Fe}_x\text{Ni}_{20-x}$ ($x=5, 10$ and 15) thin films. Journal of Applied Physics, 2011, 109, 083502.	0.8	14
76	Magnetic and structural properties of ion beam sputtered $\text{Fe}/\text{Zr}/\text{Nb}/\text{Ba}/\text{Cu}$ thin films. Thin Solid Films, 2012, 520, 3499-3504.	0.8	2
77	The influence of microstructure on magneto-resistive properties of $\text{Cu}_{80}\text{Fe}_5\text{Ni}_{15}$ ribbons. Journal of Applied Physics, 2011, 109, 083502.	1.1	4
78	Thickness dependence of crystalline state in FeZrNbCuB thin films obtained by sputter deposition. Journal of Alloys and Compounds, 2011, 509, 4688-4695.	2.8	5
79	High performance of low cost soft magnetic materials. Bulletin of Materials Science, 2011, 34, 1407-1413.	0.8	10
80	Evidence for magnetic interactions among magnetite nanoparticles dispersed in photoreticulated PEGDA-600 matrix. Journal of Nanoparticle Research, 2011, 13, 5615-5626.	0.8	37
81	Exchange bias in nanopatterned Co antidots prepared by self-assembling polystyrene nanospheres. Journal of Nanoparticle Research, 2011, 13, 5641-5651.	0.8	5
82	Synthesis of $\text{Ni}_{80}\text{Fe}_{20}$ and Co nanodot arrays by self-assembling of polystyrene nanospheres: magnetic and microstructural properties. Journal of Nanoparticle Research, 2011, 13, 4211-4218.	0.8	15
83	On the influence of Joule heating induced nanocrystallization on structural and magnetic properties of $\text{Co}_{64}\text{Fe}_{21}\text{B}_{15}$ alloy. Current Applied Physics, 2011, 11, 981-985.	1.1	11
84	Effect of crystallisation on the magnetic properties of FeCuNbBSi amorphous thin films produced by sputtering. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 3070-3073.	0.8	9
85	Preparation and characterization of ZnSn-substituted barium ferrite thin films. Journal of Magnetism and Magnetic Materials, 2011, 323, 1465-1469.	1.0	1
86	Polypropylene-based ferromagnetic composites. Polymer Bulletin, 2010, 65, 681-689.	1.7	5
87	Magnetization Properties of FeTb Thin Films. IEEE Transactions on Magnetics, 2010, 46, 487-490.	1.2	6
88	Photoinitiator-Free UV-Cured Acrylic Coatings Containing Magnetite Nanoparticles. Macromolecular Chemistry and Physics, 2010, 211, 2530-2535.	1.1	31
89	Room-temperature relaxation of the electrical resistance and electrical $1/f$ noise observed at very low frequency in the remanent state of glass-ceramics containing magnetite nanoparticles. Journal of Magnetism and Magnetic Materials, 2010, 322, 1286-1289.	1.0	0
90	Magnetic properties of soft ferrites and amorphous ribbons up to radiofrequencies. Journal of Magnetism and Magnetic Materials, 2010, 322, 1497-1504.	1.0	25

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91	Competing magnetoresistance contributions in sputtered FePt thin films. Journal of Magnetism and Magnetic Materials, 2010, 322, 1898-1903.	1.0	5
92	Comparison of ferromagnetic resonance and damping in permalloy films using time and frequency domain techniques. , 2010, , .		1
93	Magnetic and magnetotransport properties of arrays of nanostructured antidots obtained by self-assembling polystyrene nanosphere lithography. Journal of Applied Physics, 2010, 107, .	1.1	21
94	High-frequency magnetoimpedance properties in Finemet-type ribbons with a Cu-Co electrodeposited layer. Journal of Alloys and Compounds, 2010, 495, 412-416.	2.8	4
95	Permeability and losses in ferrites from dc to the microwave regime. Journal of Applied Physics, 2009, 105, .	1.1	15
96	Influence of magnetic interactions on magnetic and magnetoresistive properties of Cu ₈₀ Fe ₁₀ Ni ₁₀ ribbons. Journal of Applied Physics, 2009, 105, .	1.1	12
97	Magnetotransport properties of a percolating network of magnetite crystals embedded in a glass-ceramic matrix. Journal of Applied Physics, 2009, 105, 083911.	1.1	7
98	Analysis of Magnetic Domain Patterns and Vector Hysteresis Loops in Dot/Antidot Structures. IEEE Transactions on Magnetics, 2009, 45, 3511-3514.	1.2	1
99	Loss and Permeability Dependence on Temperature in Soft Ferrites. IEEE Transactions on Magnetics, 2009, 45, 4242-4245.	1.2	24
100	Giant magnetoresistance in melt spun. Journal of Magnetism and Magnetic Materials, 2009, 321, 131-136.	1.0	15
101	Magnetic properties of FeSiB thin films displaying stripe domains. Journal of Magnetism and Magnetic Materials, 2009, 321, 806-809.	1.0	67
102	Temperature dependence of magnetic properties in Fe/Fe ₃ O ₄ nanoparticles dispersed in water. Journal of Magnetism and Magnetic Materials, 2009, 321, 2276-2278.	1.0	2
103	Vector magnetisation measurements on thermally evaporated CoCr multilayers and solid solutions for spintronic applications. Journal of Magnetism and Magnetic Materials, 2009, 321, 3099-3103.	1.0	6
104	Magnetic Characterization and Interaction Modeling of Zerovalent Iron Nanoparticles for the Remediation of Contaminated Aquifers. Journal of Nanoscience and Nanotechnology, 2009, 9, 3210-3218.	0.9	43
105	A study of magnetic properties in CoFeSiB amorphous thin films submitted to furnace annealing. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 1745-1748.	0.8	10
106	Effect of annealing on magnetic and magnetotransport properties of Fe ₈₄ Zr _{3.5} Nb _{3.5} Cu ₁ B ₈ ribbons. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 1749-1752.	0.8	1
107	Penetration depth and magnetic permeability calculations on GMI effect and comparison with measurements on CoFeB alloys. Journal of Magnetism and Magnetic Materials, 2008, 320, 510-514.	1.0	9
108	Magnetic properties of field-annealed FeCo thin films. Journal of Magnetism and Magnetic Materials, 2008, 320, e739-e742.	1.0	10

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109	Stripe domains and spin reorientation transition in Fe ₇₈ B ₁₃ Si ₉ thin films produced by rf sputtering. Journal of Applied Physics, 2008, 104, .	1.1	55
110	Effect of thermal treatment on high-frequency magneto-impedance in ferromagnetic/Cu/ferromagnetic trilayers. Journal of Non-Crystalline Solids, 2008, 354, 5189-5191.	1.5	4
111	Relevance of magnetic properties for the characterisation of burnt clays and archaeological tiles. Physics and Chemistry of the Earth, 2008, 33, 458-464.	1.2	20
112	Preparation of polymer-based composite with magnetic anisotropy by oriented carbon nanotube dispersion. Diamond and Related Materials, 2008, 17, 1590-1595.	1.8	17
113	Spin Reorientation Transition in Amorphous FeBSi Thin Films Submitted to Thermal Treatments. IEEE Transactions on Magnetics, 2008, 44, 3921-3924.	1.2	6
114	Low-temperature magnetotransport effects and magnetic inhomogeneity in FePt-based ferromagnetic thin films. Journal Physics D: Applied Physics, 2008, 41, 134016.	1.3	4
115	Magnetic and magnetotransport properties of a Co/Sn evaporated trilayer. Journal of Physics Condensed Matter, 2008, 20, 345213.	0.7	6
116	Ferromagnetic resonance and superparamagnetic behavior of iron oxide nanoparticles injected in porous anodic alumina. Journal of Applied Physics, 2008, 103, 07D527.	1.1	5
117	Anomalous low-temperature magnetoresistance dips in sputtered ferromagnetic thin films and multilayers. Journal of Applied Physics, 2008, 103, 073905.	1.1	3
118	Magnetization processes in sputtered FeSiB thin films. Physical Review B, 2008, 77, .	1.1	17
119	Thermally evaporated Cu/Co top spin valve with random exchange bias. Journal of Applied Physics, 2007, 101, 123915.	1.1	20
120	High-frequency magnetoimpedance on annealed amorphous magnetic wires with different magnetostriction constants. Journal of Non-Crystalline Solids, 2007, 353, 919-921.	1.5	5
121	Influence of annealing on the high frequency magnetotransport properties of melt-spun Fe ₃₁ Co ₃₁ Nb ₈ B ₃₀ alloys. Journal of Non-Crystalline Solids, 2007, 353, 3099-3102.	1.5	0
122	Magnetic and magnetotransport properties in metastable granular systems. Journal of Alloys and Compounds, 2007, 434-435, 594-597.	2.8	12
123	Magnetic and magnetotransport properties in Joule-heated granular Cu ₉₅ Co ₅ ribbons. Journal of Alloys and Compounds, 2007, 434-435, 601-603.	2.8	1
124	Study of magnetic properties and relaxation in amorphous Fe _{73.9} Nb _{3.1} Cu _{0.9} Si _{13.2} B _{8.9} thin films produced by ion beam sputtering. Journal of Applied Physics, 2007, 102, 043916.	1.1	3
125	Influence of magnetostriction on high-frequency magnetotransport properties of current-annealed amorphous magnetic wires. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2007, 449-451, 468-471.	2.6	0
126	Low-temperature magnetic softening by competing anisotropy compensation in a granular FePt/Ag multilayer. Journal of Magnetism and Magnetic Materials, 2007, 310, 2231-2233.	1.0	4

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127	Different aggregation states in Cu/Co multilayers prepared by RF sputtering on rotating substrates. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, e5-e8.	1.0	2
128	Effect of Ag addition on the magnetic and magnetoresistance properties of films. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, e35-e39.	1.0	8
129	Magnetic Relaxation in Ferrimagnetic Glass-Ceramics Obtained by Co-Precipitation at Different Temperatures. <i>IEEE Transactions on Magnetics</i> , 2007, 43, 2471-2473.	1.2	4
130	Reversible and irreversible magnetization processes in materials displaying two-dimensional hysteresis. <i>Physica B: Condensed Matter</i> , 2006, 372, 133-137.	1.3	3
131	Magnetic properties of the ferrimagnetic glass-ceramics for hyperthermia. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 305, 529-533.	1.0	82
132	Temperature effect on the magnetic properties of the coprecipitation derived ferrimagnetic glass-ceramics. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 300, 412-417.	1.0	47
133	High-frequency magneto-impedance in metastable metallic materials: An overview. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 300, e82-e87.	1.0	7
134	Structure, ferromagnetic resonance, and permeability of nanogranular Fe-Co-Ni films. <i>Journal of Applied Physics</i> , 2006, 99, 08M303.	1.1	9
135	Magnetic correlation states in cosputtered granular Ag _{100-x} Fe _x films. <i>Physical Review B</i> , 2006, 73, .	1.1	28
136	Temperature dependence of spontaneous magnetisation in granular Au ₈₀ Fe ₂₀ films. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 290-291, 580-583.	1.0	8
137	The influence of crystallised Fe ₃ O ₄ on the magnetic properties of coprecipitation-derived ferrimagnetic glass-ceramics. <i>Acta Biomaterialia</i> , 2005, 1, 421-429.	4.1	105
138	Microwave properties and anisotropy field distribution in nanogranular Fe-Co-Al-O films. <i>IEEE Transactions on Magnetics</i> , 2005, 41, 3508-3510.	1.2	9
139	Magnetoresistance analysis of nanoscale magnetic correlation in cosputtered Fe _{100-x} Ag _x films. <i>IEEE Transactions on Magnetics</i> , 2005, 41, 3412-3414.	1.2	1
140	Magnetic Nanoparticle Aggregation States in Ag _{100-x} Fe _x Cosputtered Granular Films Investigated by Magnetic and Magnetotransport Measurements. <i>Materials Research Society Symposia Proceedings</i> , 2005, 877, 1.	0.1	3
141	Temperature dependence of magnetoimpedance in annealed Co-based ribbons. <i>Journal of Non-Crystalline Solids</i> , 2005, 351, 2983-2986.	1.5	25
142	Magnetic and magnetotransport properties of Fe-based glass-covered microwires. <i>Journal of Physics Condensed Matter</i> , 2004, 16, 6279-6291.	0.7	3
143	Influence of DC Joule-heating treatment on magnetoimpedance effect in amorphous Co ₆₄ Fe ₂₁ B ₁₅ alloy. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 271, 312-317.	1.0	28
144	High-frequency magnetotransport properties in Co _{83.2} Mn _{7.6} Si _{5.9} B _{3.3} glass-covered amorphous microwires. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E1127-E1128.	1.0	0

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145	Investigation of structural and magnetotransport properties of Joule heated amorphous Co ₆₇ Fe ₄ Mo _{1.5} Si _{16.5} B ₁₁ alloy. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2004, 1, 3402-3405.	0.8	0
146	Proximity magnetoresistance in Ag ₇₀ Fe ₃₀ and Ag ₇₄ Fe ₂₆ cosputtered granular films. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2004, 1, 3406-3409.	0.8	3
147	Low-temperature magnetization and magnetoresistance of the interacting nanogranular superparamagnet Cu ₉₅ Co ₅ . <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 1482-1484.	1.0	0
148	Effects of quenching and annealing on the high-temperature magnetic properties of rapidly quenched Au ₈₀ Fe ₂₀ alloy. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E1189-E1190.	1.0	2
149	Effect of the amorphous-to-nanocrystalline transformation on the high-frequency magneto-impedance in Fe _{63.5} Cr ₁₀ Cu ₁ Nb ₃ Si _{13.5} B ₉ melt-spun ribbons. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 1421-1422.	1.0	2
150	Effect of thermal treatments on the high-frequency magnetic permeability of glass-covered Co _{83.2} Mn _{17.6} Si _{5.9} B _{3.3} wires. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004, 375-377, 1036-1039.	2.6	3
151	Magnetic and magneto-transport properties of rapidly solidified Cu ₈₀ Fe ₂₀ Ni alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004, 375-377, 1006-1010.	2.6	2
152	Connection between magnetic and magnetotransport properties in Co-based rapidly solidified alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2004, 375-377, 1015-1018.	2.6	1
153	High-frequency magnetic aftereffect in Co-based amorphous wires and ribbons. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 254-255, 207-209.	1.0	0
154	Granular metallic systems as interacting superparamagnets: anhysteretic magnetization and hysteresis loops. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 254-255, 143-148.	1.0	7
155	Negative magnetoresistance in strongly frustrated ferromagnets with nanometric magnetic coherence. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 262, 39-46.	1.0	5
156	Novel aspects of magnetoresistance in nanogranular magnetic systems. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 262, 47-51.	1.0	2
157	Magnetotransport in core-shell Fe ₃ C/Fe oxide nanostructures. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 262, 56-59.	1.0	17
158	Effect of field-induced magnetic ordering on the electrical resistance of the frustrated magnet Au ₈₀ Co ₂₀ . <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 262, 73-77.	1.0	2
159	Magnetization and magnetotransport properties of Cu ₆₀ Fe ₂₀ Ni ₂₀ systems exhibiting magnetic frustration on the nanometer scale. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 262, 78-83.	1.0	2
160	GMR as a function of temperature in FeAg granular samples: the effect of magnetic interactions. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 262, 88-91.	1.0	18
161	Influence of stress-annealing on magneto-transport properties in Co-based amorphous ribbons. <i>Sensors and Actuators A: Physical</i> , 2003, 106, 199-202.	2.0	9
162	Magnetoresistance and nanoscopic magnetic coherence in some frustrated ferromagnets. <i>Physical Review B</i> , 2003, 67, .	1.1	29

#	ARTICLE	IF	CITATIONS
163	Proximity magnetoresistance in Au ₈₀ Fe ₂₀ and Au ₇₀ Fe ₃₀ below the ordering temperature. Journal of Applied Physics, 2002, 91, 5936-5939.	1.1	21
164	Effect of annealing on high-frequency magnetoimpedance in Co _{83.2} /Mn _{7.6} /Si _{5.9} /B _{3.3} /glass-coated microwires. IEEE Transactions on Magnetics, 2002, 38, 3093-3095.	1.2	11
165	Observation of magnetoresistance in core-shell Fe-Fe oxide systems. Journal of Applied Physics, 2002, 91, 8593.	1.1	18
166	High-Temperature Magnetic and Magnetotransport Properties of Melt-Spun Au ₈₀ Fe ₂₀ and Au ₇₀ Fe ₃₀ . Physica Status Solidi A, 2002, 189, 321-325.	1.7	13
167	Magnetoimpedance Effect in Nanocrystalline Fe ₈₆ Zr ₇ B ₆ Cu ₁ Melt-Spun Ribbons. Physica Status Solidi A, 2002, 189, 711-715.	1.7	1
168	High-frequency magnetoimpedance relaxation in melt-spun Co-based ribbons. Journal of Magnetism and Magnetic Materials, 2002, 242-245, 288-290.	1.0	4
169	Magneto-impedance measurements in amorphous Co-based magnetic wires at high frequency. Journal of Magnetism and Magnetic Materials, 2002, 249, 310-314.	1.0	23
170	Granular Cu-Co alloys as interacting superparamagnets. Physical Review B, 2001, 64, .	1.1	305
171	Magneto-impedance measurements of amorphous Fe _{62.5} Co ₆ Ni _{7.5} Zr ₆ Cu ₁ Nb ₂ B ₁₅ with improved magneto-elastic properties. Sensors and Actuators A: Physical, 2001, 91, 199-202.	2.0	2
172	Comparison between magneto-impedance properties of Fe _{73.5} Cu ₃ Nb ₁ Si _{13.5} B ₉ melt-spun and glass-covered wires. Sensors and Actuators A: Physical, 2001, 91, 203-206.	2.0	7
173	Induced anisotropy and magneto-impedance measurements in Fe _{73.5} Nb ₃ Cu ₁ Si _{13.5} B ₉ nanocrystalline alloys. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1476-1477.	1.0	8
174	Temperature behavior of anhysteretic magnetization in granular magnetic systems. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1904-1906.	1.0	5
175	High Frequency Magneto-Transport Properties of Melt Spun Fe-Based Alloys with Improved Magneto-Elastic Properties. Materials Science Forum, 2001, 360-362, 549-552.	0.3	1
176	Structural and Magnetic Investigations in Nd ₅₀ Fe ₄₀ Si ₁₀ Melt-Spun Ribbons. Materials Science Forum, 2001, 360-362, 571-576.	0.3	1
177	On the Hysteretic Magnetisation of Granular Magnetic Systems at Room Temperature. Materials Science Forum, 2001, 373-376, 181-184.	0.3	0
178	Nanocrystallisation of Fe _{73.5} Cu ₃ Nb ₁ Si _{13.5} B ₉ Melt-Spun and Glass-Covered Wires. Materials Science Forum, 2001, 360-362, 583-588.	0.3	1
179	Nanocrystallisation of Fe _{73.5} Cu ₃ Nb ₁ Si _{13.5} B ₉ Melt-Spun and Glass-Covered Wires. Journal of Metastable and Nanocrystalline Materials, 2001, 10, 583-588.	0.1	1
180	Observation of isotropic giant magnetoresistance in paramagnetic Au ₈₀ Fe ₂₀ . Physical Review B, 2001, 63, .	1.1	18

#	ARTICLE	IF	CITATIONS
181	Logarithmic Relaxation of Resistance in Time of Annealed and Plastically Deformed Au ₈₀ Fe ₂₀ . Materials Research Society Symposia Proceedings, 2000, 634, 3101.	0.1	1
182	Magnetic permeability relaxation in amorphous Fe _{62.5} Co ₆ Ni _{7.5} Zr ₆ Cu ₁ Nb ₂ B ₁₅ . Journal of Magnetism and Magnetic Materials, 2000, 215-216, 346-348.	1.0	4
183	Magnetic hysteresis in granular CuCo alloys. Journal of Applied Physics, 1999, 85, 4343-4345.	1.1	11
184	Magnetic hysteresis based on dipolar interactions in granular magnetic systems. Physical Review B, 1999, 60, 12207-12218.	1.1	126
185	Hysteretic magnetisation curves in the granular Cu _{100-x} Co _x system. Scripta Materialia, 1999, 11, 757-767.	0.5	6
186	Nanomaterials Characterisation through Magnetic Field Dependent AFM. , 0, , .		0