Marco Coisson

List of Publications by Year
in descending order

186 papers	2,373 citations	279798 23 h-index	276875 41 g-index
188 all docs	188 docs citations	188 times ranked	2529 citing authors

#	Article	IF	Citations
1	Granular Cu-Co alloys as interacting superparamagnets. Physical Review B, 2001, 64, .	3.2	305
2	Magnetic hysteresis based on dipolar interactions in granular magnetic systems. Physical Review B, 1999, 60, 12207-12218.	3.2	126
3	The influence of crystallised Fe3O4 on the magnetic properties of coprecipitation-derived ferrimagnetic glassâ€“ceramics. Acta Biomaterialia, 2005, 1, 421-429.	8.3	105
4	Magnetic properties of the ferrimagnetic glass-ceramics for hyperthermia. Journal of Magnetism and Magnetic Materials, 2006, 305, 529-533.	2.3	82
5	Magnetic properties of FeSiB thin films displaying stripe domains. Journal of Magnetism and Magnetic Materials, 2009, 321, 806-809.	2.3	67
6	Iron oxide inside SBA-15 modified with amino groups as reusable adsorbent for highly efficient removal of glyphosate from water. Applied Surface Science, 2017, 411, 457-465.	6.1	60
7	Stripe domains and spin reorientation transition in Fe78B13Si9 thin films produced by rf sputtering. Journal of Applied Physics, 2008, 104, .	2.5	55
8	Magnetic properties of jet-printer inks containing dispersed magnetite nanoparticles. European Physical Journal B, 2013, 86, 1.	1.5	49
9	Hysteresis losses and specific absorption rate measurements in magnetic nanoparticles for hyperthermia applications. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 1545-1558.	2.4	49
10	Temperature effect on the magnetic properties of the coprecipitation derived ferrimagnetic glass-ceramics. Journal of Magnetism and Magnetic Materials, 2006, 300, 412-417.	2.3	47
11	Cation distribution effect on static and dynamic magnetic properties of Co1-xZnxFe2O4 ferrite powders. Journal of Magnetism and Magnetic Materials, 2018, 456, 372-380.	2.3	46
12	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
13	Synthesis and soft magnetic properties of Zn0.8â^'xNixMg0.1Cu0.1Fe2O4 (x=0.0â^'0.8) ferrites prepared by solâ€“gel auto-combustion method. Journal of Alloys and Compounds, 2014, 615, S313-S316.	5.5	38
14	Evidence for magnetic interactions among magnetite nanoparticles dispersed in photoreticulated PEGDA-600 matrix. Journal of Nanoparticle Research, 2011, 13, 5615-5626.	1.9	37
15	Specific absorption rate determination of magnetic nanoparticles through hyperthermia measurements in non-adiabatic conditions. Journal of Magnetism and Magnetic Materials, 2016, 415, 2-7.	2.3	33
16	Photoinitiatorâ€Free UVâ€Cured Acrylic Coatings Containing Magnetite Nanoparticles. Macromolecular Chemistry and Physics, 2010, 211, 2530-2535.	2.2	31
17	Magnetoresistance and nanoscopic magnetic coherence in some frustrated ferromagnets. Physical Review B, 2003, 67, .	3.2	29
18	Influence of lattice defects on the ferromagnetic resonance behaviour of 2D magnonic crystals. Scientific Reports, 2016, 6, 22004.	3.3	29

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19	Influence of DC Joule-heating treatment on magnetoimpedance effect in amorphous Co64Fe21B15 alloy. Journal of Magnetism and Magnetic Materials, 2004, 271, 312-317.	2.3	28
20	Magnetic correlation states in cosputtered granularAg100â^'xFexfilms. Physical Review B, 2006, 73, .	3.2	28
21	Temperature dependence of magnetoimpedance in annealed Co-based ribbons. Journal of Non-Crystalline Solids, 2005, 351, 2983-2986.	3.1	25
22	Magnetic properties of soft ferrites and amorphous ribbons up to radiofrequencies. Journal of Magnetism and Magnetic Materials, 2010, 322, 1497-1504.	2.3	25
23	Loss and Permeability Dependence on Temperature in Soft Ferrites. IEEE Transactions on Magnetics, 2009, 45, 4242-4245.	2.1	24
24	Influence of shape, size and magnetostatic interactions on the hyperthermia properties of permalloy nanostructures. Scientific Reports, 2019, 9, 6591.	3.3	24
25	Magneto-impedance measurements in amorphous Co-based magnetic wires at high frequency. Journal of Magnetism and Magnetic Materials, 2002, 249, 310-314.	2.3	23
26	Proximity magnetoresistance in Au80Fe20 and Au70Fe30 below the ordering temperature. Journal of Applied Physics, 2002, 91, 5936-5939.	2.5	21
27	Magnetic and magnetotransport properties of arrays of nanostructured antidots obtained by self-assembling polystyrene nanosphere lithography. Journal of Applied Physics, 2010, 107, .	2.5	21
28	Thermally evaporated Cuâ€“Co top spin valve with random exchange bias. Journal of Applied Physics, 2007, 101, 123915.	2.5	20
29	Relevance of magnetic properties for the characterisation of burnt clays and archaeological tiles. Physics and Chemistry of the Earth, 2008, 33, 458-464.	2.9	20
30	Magnetization reversal and microstructure in polycrystalline Fe50Pd50 dot arrays by self-assembling of polystyrene nanospheres. Science and Technology of Advanced Materials, 2016, 17, 462-472.	6.1	19
31	Specific loss power measurements by calorimetric and thermal methods on Î³-Fe2O3 nanoparticles for magnetic hyperthermia. Journal of Magnetism and Magnetic Materials, 2019, 473, 403-409.	2.3	19
32	Observation of isotropic giant magnetoresistance in paramagneticAu80Fe20. Physical Review B, 2001, 63, .	3.2	18
33	Observation of magnetoresistance in coreâ€“shell Feâ€“Fe oxide systems. Journal of Applied Physics, 2002, 91, 8593.	2.5	18
34	GMR as a function of temperature in FeAg granular samples: the effect of magnetic interactions. Journal of Magnetism and Magnetic Materials, 2003, 262, 88-91.	2.3	18
35	Ni80Fe20 nanodisks by nanosphere lithography for biomedical applications. Journal of Applied Physics, 2015, 117, 17B304.	2.5	18
36	Magnetotransport in core-shell Feâ€“Fe oxide nanostructures. Journal of Magnetism and Magnetic Materials, 2003, 262, 56-59.	2.3	17

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37	Preparation of polymer-based composite with magnetic anisotropy by oriented carbon nanotube dispersion. Diamond and Related Materials, 2008, 17, 1590-1595.	3.9	17
38	Magnetization processes in sputtered FeSiB thin films. Physical Review B, 2008, 77, .	3.2	17
39	Microwave Behavior of Polymer Bonded Iron Oxide Nanoparticles. IEEE Transactions on Magnetics, 2012, 48, 3394-3397.	2.1	17
40	Rotatable magnetic anisotropy in Fe78Si9B13 thin films displaying stripe domains. Applied Surface Science, 2019, 476, 402-411.	6.1	16
41	Specific Loss Power of Co/Li/Zn-Mixed Ferrite Powders for Magnetic Hyperthermia. Sensors, 2020, 20, 2151.	3.8	16
42	Permeability and losses in ferrites from dc to the microwave regime. Journal of Applied Physics, 2009, 105, .	2.5	15
43	Giant magnetoresistance in melt spun. Journal of Magnetism and Magnetic Materials, 2009, 321, 131-136.	2.3	15
44	Synthesis of Ni80Fe20 and Co nanodot arrays by self-assembling of polystyrene nanospheres: magnetic and microstructural properties. Journal of Nanoparticle Research, 2011, 13, 4211-4218.	1.9	15
45	Nanoporous FePd alloy as multifunctional ferromagnetic SERS-active substrate. Applied Surface Science, 2021, 543, 148759.	6.1	15
46	Pure magnetic hard fct FePt nanoparticles: Chemical synthesis, structural and magnetic properties correlations. Materials Chemistry and Physics, 2014, 144, 186-193.	4.0	14
47	High-Temperature Magnetic and Magnetotransport Properties of Melt-Spun Au80Fe20 and Au70Fe30. Physica Status Solidi A, 2002, 189, 321-325.	1.7	13
48	Experimental and Modelling Analysis of the Hyperthermia Properties of Iron Oxide Nanocubes. Nanomaterials, 2021, 11, 2179.	4.1	13
49	Magnetic and magnetotransport properties in metastable granular systems. Journal of Alloys and Compounds, 2007, 434-435, 594-597.	5.5	12
50	Influence of magnetic interactions on magnetic and magnetoresistive properties of Cu80Fe10Ni10 ribbons. Journal of Applied Physics, 2009, 105, .	2.5	12
51	Soft magnetic thin films: influence of annealing on magnetic properties. Journal of Physics: Conference Series, 2012, 365, 012003.	0.4	12
52	Arrays of ordered nanostructures in Fe-Pt thin films by self-assembling of polystyrene nanospheres. Journal of Applied Physics, 2013, 113, .	2.5	12
53	Magnetic hysteresis in granular CuCo alloys. Journal of Applied Physics, 1999, 85, 4343-4345.	2.5	11
54	Effect of annealing on high-frequency magnetoimpedance in Co/sub 83.2/Mn/sub 7.6/Si/sub 5.9/B/sub 3.3/ glass-coated microwires. IEEE Transactions on Magnetics, 2002, 38, 3093-3095.	2.1	11

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55	On the influence of Joule heating induced nanocrystallization on structural and magnetic properties of Co64Fe21B15 alloy. Current Applied Physics, 2011, 11, 981-985.	2.4	11
56	Local field loop measurements by magnetic force microscopy. Journal Physics D: Applied Physics, 2014, 47, 325003.	2.8	11
57	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.	1.8	10
58	Magnetic properties of field-annealed FeCo thin films. Journal of Magnetism and Magnetic Materials, 2008, 320, e739-e742.	2.3	10
59	High performance of low cost soft magnetic materials. Bulletin of Materials Science, 2011, 34, 1407-1413.	1.7	10
60	Magnetic vortex chirality determination via local hysteresis loops measurements with magnetic force microscopy. Scientific Reports, 2016, 6, 29904.	3.3	10
61	Magnetization switching in high-density magnetic nanodots by a fine-tune sputtering process on a large-area diblock copolymer mask. Nanoscale, 2017, 9, 16981-16992.	5.6	10
62	Influence of stress-annealing on magneto-transport properties in Co-based amorphous ribbons. Sensors and Actuators A: Physical, 2003, 106, 199-202.	4.1	9
63	Microwave properties and anisotropy field distribution in nanogranular Fe-Co-Al-O films. IEEE Transactions on Magnetics, 2005, 41, 3508-3510.	2.1	9
64	Structure, ferromagnetic resonance, and permeability of nanogranular Feâ€“Coâ€“Bâ€“Ni films. Journal of Applied Physics, 2006, 99, 08M303.	2.5	9
65	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.	2.3	9
66	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
67	Arrays of nanostructured antidot in Ni80Fe20 magnetic thin films by photolithography of polystyrene nanospheres. Applied Surface Science, 2012, 259, 44-48.	6.1	9
68	Microstructural evolution and magnetic properties in Fe50Pd50 sputtered thin films submitted to post-deposition annealing. Journal of Alloys and Compounds, 2014, 615, S236-S241.	5.5	9
69	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.	5.5	9
70	Surface modification and cellular uptake evaluation of Au-coated Ni ₈₀ Fe ₂₀ nanodiscs for biomedical applications. Interface Focus, 2016, 6, 20160052.	3.0	9
71	A comparative study of the influence of the deposition technique (electrodeposition versus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Materials, 2020, 21, 424-434.	6.1	9
72	Induced anisotropy and magneto-impedance measurements in Fe73.5Nb3Cu1Si13.5B9 nanocrystalline alloys. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1476-1477.	2.3	8

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73	Temperature dependence of spontaneous magnetisation in granular Au80Fe20 films. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 580-583.	2.3	8
74	Effect of Ag addition on the magnetic and magnetoresistance properties of films. Journal of Magnetism and Magnetic Materials, 2007, 316, e35-e39.	2.3	8
75	Tailoring magnetic properties of multicomponent layered structure via current annealing in FePd thin films. Scientific Reports, 2017, 7, 16691.	3.3	8
76	Formation of free-standing magnetic particles by solid-state dewetting of Fe80Pd20 thin films. Journal of Alloys and Compounds, 2018, 742, 751-758.	5.5	8
77	Structural and Magnetic Properties of FePd Thin Film Synthesized by Electrodeposition Method. Materials, 2020, 13, 1454.	2.9	8
78	Comparison between magneto-impedance properties of Fe73.5Cu3Nb1Si13.5B9 melt-spun and glass-covered wires. Sensors and Actuators A: Physical, 2001, 91, 203-206.	4.1	7
79	Granular metallic systems as interacting superparamagnets: anhysteretic magnetization and hysteresis loops. Journal of Magnetism and Magnetic Materials, 2003, 254-255, 143-148.	2.3	7
80	High-frequency magneto-impedance in metastable metallic materials: An overview. Journal of Magnetism and Magnetic Materials, 2006, 300, e82-e87.	2.3	7
81	Magnetotransport properties of a percolating network of magnetite crystals embedded in a glass-ceramic matrix. Journal of Applied Physics, 2009, 105, 083911.	2.5	7
82	Microwave Properties and Damping in [Pt/Co] Multilayers With Perpendicular Anisotropy. IEEE Magnetics Letters, 2014, 5, 1-4.	1.1	7
83	Bi-Component Nanostructured Arrays of Co Dots Embedded in Ni80Fe20 Antidot Matrix: Synthesis by Self-Assembling of Polystyrene Nanospheres and Magnetic Properties. Nanomaterials, 2017, 7, 232.	4.1	7
84	Hysteretic magnetisation curves in the granular Cu100-xCox system. Scripta Materialia, 1999, 11, 757-767.	0.5	6
85	Spin Reorientation Transition in Amorphous FeBSi Thin Films Submitted to Thermal Treatments. IEEE Transactions on Magnetics, 2008, 44, 3921-3924.	2.1	6
86	Magnetic and magnetotransport properties of a Coâ€“Sn evaporated trilayer. Journal of Physics Condensed Matter, 2008, 20, 345213.	1.8	6
87	Vector magnetisation measurements on thermally evaporated CoCr multilayers and solid solutions for spintronic applications. Journal of Magnetism and Magnetic Materials, 2009, 321, 3099-3103.	2.3	6
88	Magnetization Properties of FeTb Thin Films. IEEE Transactions on Magnetics, 2010, 46, 487-490.	2.1	6
89	Magnetic properties of current-annealed amorphous thin films. Journal of Applied Physics, 2012, 112, 053910.	2.5	6
90	Microstructure and magnetic properties of (Fe100â˜’xCox)84.5Nb5B8.5P2 alloys. Journal of Alloys and Compounds, 2012, 536, S337-S341.	5.5	6

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91	Anisotropic magneto-resistance in Ni 80 Fe 20 antidot arrays with different lattice configurations. Applied Surface Science, 2014, 316, 380-384.	6.1	6
92	Mixed exchange-coupled soft Î±-(Fe 80 Pd 20) and hard L1 0 FePd phases in Fe 64 Pd 36 thin films studied by first order reversal curves. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2017, 226, 47-56.	3.5	6
93	Effect of the A1 to L10 transformation on the structure and magnetic properties of polycrystalline Fe56Pd44 alloy thin films produced by thermal evaporation technique. Thin Solid Films, 2018, 668, 9-13.	1.8	6
94	Temperature behavior of anhysteretic magnetization in granular magnetic systems. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1904-1906.	2.3	5
95	Negative magnetoresistance in strongly frustrated ferromagnets with nanometric magnetic coherence. Journal of Magnetism and Magnetic Materials, 2003, 262, 39-46.	2.3	5
96	High-frequency magnetoimpedance on annealed amorphous magnetic wires with different magnetostriction constants. Journal of Non-Crystalline Solids, 2007, 353, 919-921.	3.1	5
97	Ferromagnetic resonance and superparamagnetic behavior of iron oxide nanoparticles injected in porous anodic alumina. Journal of Applied Physics, 2008, 103, 07D527.	2.5	5
98	Polypropylene-based ferromagnetic composites. Polymer Bulletin, 2010, 65, 681-689.	3.3	5
99	Competing magnetoresistance contributions in sputtered FePt thin films. Journal of Magnetism and Magnetic Materials, 2010, 322, 1898-1903.	2.3	5
100	Thickness dependence of crystalline state in FeZrNbCuB thin films obtained by sputter deposition. Journal of Alloys and Compounds, 2011, 509, 4688-4695.	5.5	5
101	Exchange bias in nanopatterned Co antidots prepared by self-assembling polystyrene nanospheres. Journal of Nanoparticle Research, 2011, 13, 5641-5651.	1.9	5
102	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.	2.3	5
103	European Research on Magnetic Nanoparticles for Biomedical Applications: Standardisation Aspects. Advances in Intelligent Systems and Computing, 2020, , 316-326.	0.6	5
104	Magnetic permeability relaxation in amorphous Fe62.5Co6Ni7.5Zr6Cu1Nb2B15. Journal of Magnetism and Magnetic Materials, 2000, 215-216, 346-348.	2.3	4
105	High-frequency magnetoimpedance relaxation in melt-spun Co-based ribbons. Journal of Magnetism and Magnetic Materials, 2002, 242-245, 288-290.	2.3	4
106	Low-temperature magnetic softening by competing anisotropy compensation in a granular FePtâ€“Ag multilayer. Journal of Magnetism and Magnetic Materials, 2007, 310, 2231-2233.	2.3	4
107	Magnetic Relaxation in Ferrimagnetic Glass-Ceramics Obtained by Co-Precipitation at Different Temperatures. IEEE Transactions on Magnetics, 2007, 43, 2471-2473.	2.1	4
108	Effect of thermal treatment on high-frequency magneto-impedance in ferromagnetic/Cu/ferromagnetic trilayers. Journal of Non-Crystalline Solids, 2008, 354, 5189-5191.	3.1	4

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109	Low-temperature magnetotransport effects and magnetic inhomogeneity in FePt-based ferromagnetic thin films. Journal Physics D: Applied Physics, 2008, 41, 134016.	2.8	4
110	High-frequency magnetoimpedance properties in Finemet-type ribbons with a Cuâ€“Co electrodeposited layer. Journal of Alloys and Compounds, 2010, 495, 412-416.	5.5	4
111	The influence of microstructure on magnetoresistive properties of Cu80Fe5Ni15 ribbons. Journal of Applied Physics, 2011, 109, 083502.	2.5	4
112	Non-Conventional Techniques for the Study of Phase Transitions in NiTi-Based Alloys. Journal of Materials Engineering and Performance, 2014, 23, 2491-2497.	2.5	4
113	Multi-analytical characterization of Fe-rich magnetic inclusions in diamonds. Diamond and Related Materials, 2019, 98, 107489.	3.9	4
114	Structural, Wetting and Magnetic Properties of Sputtered Fe70Pd30 Thin Film with Nanostructured Surface Induced by Dealloying Process. Nanomaterials, 2021, 11, 282.	4.1	4
115	Effect of the Substrate Crystallinity on Morphological and Magnetic Properties of Fe70Pd30 Nanoparticles Obtained by the Solid-State Dewetting. Sensors, 2021, 21, 7420.	3.8	4
116	Magnetic and magnetotransport properties of Fe-based glass-covered microwires. Journal of Physics Condensed Matter, 2004, 16, 6279-6291.	1.8	3
117	Proximity magnetoresistance in Ag70Fe30 and Ag74Fe26 cosputtered granular films. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 3406-3409.	0.8	3
118	Effect of thermal treatments on the high-frequency magnetic permeability of glass-covered Co83.2Mn17.6Si5.9B3.3 wires. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 375-377, 1036-1039.	5.6	3
119	Magnetic Nanoparticle Aggregation States in Ag_{100-x}Fe_x Cosputtered Granular Films Investigated by Magnetic and Magnetotransport Measurements. Materials Research Society Symposia Proceedings, 2005, 877, 1.	0.1	3
120	Reversible and irreversible magnetization processes in materials displaying two-dimensional hysteresis. Physica B: Condensed Matter, 2006, 372, 133-137.	2.7	3
121	Study of magnetic properties and relaxation in amorphous Fe73.9Nb3.1Cu0.9Si13.2B8.9 thin films produced by ion beam sputtering. Journal of Applied Physics, 2007, 102, 043916.	2.5	3
122	Anomalous low-temperature magnetoresistance dips in sputtered ferromagnetic thin films and multilayers. Journal of Applied Physics, 2008, 103, 073905.	2.5	3
123	Chemical, electronic, and magnetic structure of LaFeCoSi alloy: Surface and bulk properties. Journal of Applied Physics, 2014, 115, 203901.	2.5	3
124	Magnetic properties and amorphous-to-nanocrystalline transformation by thermal treatments in Fe84.3Si4P3B8Cu0.7 amorphous thin films. Journal of Alloys and Compounds, 2014, 615, S280-S284.	5.5	3
125	Formation, Timeâ€“Temperatureâ€“Transformation curves and magnetic properties of FeCoNbSiBP metallic glasses. Journal of Alloys and Compounds, 2015, 619, 437-442.	5.5	3
126	Experimental insight into the magnetic and electrical properties of amorphous Ge_{1-x}Mn_x. Science and Technology of Advanced Materials, 2017, 18, 34-42.	6.1	3

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127	Growth of room temperature ferromagnetic Ge1-xMnx quantum dots on hydrogen passivated Si (100) surfaces. AIP Advances, 2018, 8, 056414.	1.3	3
128	Measurement of thin film magnetostriction using field-dependent atomic force microscopy. Applied Surface Science, 2020, 525, 146514.	6.1	3
129	Disordered to ordered phase transformation: Correlation between microstructure and magnetic properties in Feâ€“Pd thin films. Journal of Applied Physics, 2022, 131, .	2.5	3
130	Magneto-impedance measurements of amorphous Fe62.5Co6Ni7.5Zr6Cu1Nb2B15 with improved magneto-elastic properties. Sensors and Actuators A: Physical, 2001, 91, 199-202.	4.1	2
131	Novel aspects of magnetoresistance in nanogranular magnetic systems. Journal of Magnetism and Magnetic Materials, 2003, 262, 47-51.	2.3	2
132	Effect of field-induced magnetic ordering on the electrical resistance of the frustrated magnet Au80Co20. Journal of Magnetism and Magnetic Materials, 2003, 262, 73-77.	2.3	2
133	Magnetization and magnetotransport properties of Cu60Fe20Ni20 systems exhibiting magnetic frustration on the nanometer scale. Journal of Magnetism and Magnetic Materials, 2003, 262, 78-83.	2.3	2
134	Effects of quenching and annealing on the high-temperature magnetic properties of rapidly quenched Au80Fe20 alloy. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1189-E1190.	2.3	2
135	Effect of the amorphous-to-nanocrystalline transformation on the high-frequency magneto-impedance in Fe63.5Cr10Cu1Nb3Si13.5B9 melt-spun ribbons. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1421-1422.	2.3	2
136	Magnetic and magneto-transport properties of rapidly solidified Cu80â^'Fe20Ni alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 375-377, 1006-1010.	5.6	2
137	Different aggregation states in Cu/Co multilayers prepared by RF sputtering on rotating substrates. Journal of Magnetism and Magnetic Materials, 2007, 316, e5-e8.	2.3	2
138	Temperature dependence of magnetic properties in Fe/Feâ€“O nanoparticles dispersed in water. Journal of Magnetism and Magnetic Materials, 2009, 321, 2276-2278.	2.3	2
139	Large-area patterned magnetic nanostructures by self-assembling of polystyrene nanospheres. Materials Research Society Symposia Proceedings, 2012, 1411, 19.	0.1	2
140	Microstructure, magnetic and transport properties of magnetoresistive Cu80Fe x Ni20â^'x (xÂ=Â5, 10 and) Tj ETQq0 0 0 rgBT /Overlock	1.9	2
141	Magnetic and structural properties of ion beam sputtered Feâ€“Zrâ€“Nbâ€“Bâ€“Cu thin films. Thin Solid Films, 2012, 520, 3499-3504.	1.8	2
142	Static and Dynamic Analysis of Magnetic Tunnel Junctions With Wedged MgO Barrier. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	2
143	Comprehensive Theoretical and Experimental Analysis of Spin Waves in Magnetic Thin Film. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	2
144	Local hysteresis loops measurements on irradiated FeSiB patterned dots by magnetic force microscopy. Journal of Magnetism and Magnetic Materials, 2015, 373, 250-254.	2.3	2

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145	Spin Waves Observation and Their Modeling Through Effective Parameters in Antidot Arrays. IEEE Transactions on Magnetics, 2016, 52, 1-5.	2.1	2
146	Interplay between magnetic anisotropies in CoAu and Co films and antidot arrays: effects on the spin configuration and hysteretic behavior. Physical Chemistry Chemical Physics, 2018, 20, 16835-16846.	2.8	2
147	Au-Coated Ni80Fe20 Submicron Magnetic Nanodisks: Interactions With Tumor Cells. Frontiers in Nanotechnology, 2020, 2, .	4.8	2
148	Logarithmic Relaxation of Resistance in Time of Annealed and Plastically Deformed Au80Fe20. Materials Research Society Symposia Proceedings, 2000, 634, 3101.	0.1	1
149	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
150	Structural and Magnetic Investigations in Nd₅₀Fe₄₀Si₁₀ Melt-Spun Ribbons. Materials Science Forum, 2001, 360-362, 571-576.	0.3	1
151	Nanocrystallisation of Fe_{73.5}Cu₃Nb₁Si_{13.5}B₉ Melt-Spun and Glass-Covered Wires. Journal of Metastable and Nanocrystalline Materials, 2001, 10, 583-588.	0.1	1
152	Magnetoimpedance Effect in Nanocrystalline Fe86Zr7B6Cu1 Melt-Spun Ribbons. Physica Status Solidi A, 2002, 189, 711-715.	1.7	1
153	Connection between magnetic and magnetotransport properties in Co-based rapidly solidified alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 375-377, 1015-1018.	5.6	1
154	Magnetoresistance analysis of nanoscale magnetic correlation in cosputtered Fe/sub 100-x/Ag/sub x/ films. IEEE Transactions on Magnetics, 2005, 41, 3412-3414.	2.1	1
155	Magnetic and magnetotransport properties in Joule-heated granular Cu95Co5 ribbons. Journal of Alloys and Compounds, 2007, 434-435, 601-603.	5.5	1
156	Effect of annealing on magnetic and magnetotransport properties of Fe84Zr3.5Nb3.5Cu1B8ribbons. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 1749-1752.	1.8	1
157	Analysis of Magnetic Domain Patterns and Vector Hysteresis Loops in Dot/Antidot Structures. IEEE Transactions on Magnetics, 2009, 45, 3511-3514.	2.1	1
158	Comparison of ferromagnetic resonance and damping in permalloy films using time and frequency domain techniques. , 2010, , .		1
159	Preparation and characterization of ZnSn-substituted barium ferrite thin films. Journal of Magnetism and Magnetic Materials, 2011, 323, 1465-1469.	2.3	1
160	Magnetic and Magnetoresistive Properties of Thin Films Patterned by Self-Assembling Polystyrene Nanospheres. Springer Series in Materials Science, 2013, , 171-195.	0.6	1
161	Correlation between microstructure at fine scale and magnetic properties of magnetoresistive Cu80Fe10Ni10 ribbons: Modeling of magnetization. Journal of Magnetism and Magnetic Materials, 2013, 333, 22-29.	2.3	1
162	Development and calibration of a MFM-based system for local hysteresis loops measurements. Journal of Physics: Conference Series, 2016, 755, 012002.	0.4	1

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163	On the Hysteretic Magnetisation of Granular Magnetic Systems at Room Temperature. Materials Science Forum, 2001, 373-376, 181-184.	0.3	0
164	Nanocrystallisation of Fe_{73.5}Cu₃Nb₁Si_{13.5}B<sub>9</su Melt-Spun and Glass-Covered Wires. Materials Science Forum, 2001, 360-362, 583-588.		
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