Cristina GÃ“mez-Polo

List of Publications by Year
in descending order

151 papers	2,870 citations	172457 29 h-index	233421 45 g-index
154 all docs	154 docs citations	154 times ranked	2110 citing authors

#	Article	IF	Citations
1	Influence of the geometry on the performance of GMI in meander configuration. Sensors and Actuators A: Physical, 2022, 340, 113520.	4.1	2
2	Tuning the photocatalytic performance through magnetization in Co-Zn ferrite nanoparticles. Journal of Magnetism and Magnetic Materials, 2022, 560, 169617.	2.3	5
3	Fe-C nanoparticles obtained from thermal decomposition employing sugars as reducing agents. Journal of Alloys and Compounds, 2021, 863, 158065.	5.5	10
4	Improved photocatalytic and antibacterial performance of Cr doped TiO2 nanoparticles. Surfaces and Interfaces, 2021, 22, 100867.	3.0	19
5	Contactless magnetic nanoparticle detection platform based on non-linear GMI effect. Measurement: Journal of the International Measurement Confederation, 2021, 180, 109602.	5.0	7
6	Steering the synthesis of Fe3O4 nanoparticles under sonication by using a fractional factorial design. Materials Chemistry and Physics, 2021, 270, 124760.	4.0	4
7	Effect of Cu substitution on the magnetic and magnetic induction heating response of CdFe2O4 spinel ferrite. Journal of Magnetism and Magnetic Materials, 2020, 499, 166201.	2.3	19
8	Giant Stress Impedance Magnetoelastic Sensors Employing Soft Magnetic Amorphous Ribbons. Materials, 2020, 13, 2175.	2.9	13
9	A Combination of a Vibrational Electromagnetic Energy Harvester and a Giant Magnetoimpedance (GMI) Sensor. Sensors, 2020, 20, 1873.	3.8	12
10	Thrust actuator with passive restoration force for wide gap magnetic bearings. Journal of Magnetism and Magnetic Materials, 2019, 476, 342-348.	2.3	5
11	Electrical Circuit Modeling of Sensor Magneto-Impedances With a Square-Root Frequency Dependence. IEEE Sensors Journal, 2018, 18, 623-628.	4.7	4
12	Giant stress-impedance (GSI) sensor for diameter evaluation in cylindrical elements. Sensors and Actuators A: Physical, 2018, 269, 269-275.	4.1	12
13	Enhanced Magnetic Nanoparticle Detection Sensitivity in Non-Linear Magnetoimpedance-Based Sensor. IEEE Sensors Journal, 2018, 18, 8701-8708.	4.7	12
14	A Survey on the Mathematical Foundations of Axiomatic Entropy: Representability and Orderings. Axioms, 2018, 7, 29.	1.9	3
15	Micrometric non-contact position magnetoimpedance sensor. Journal of Magnetism and Magnetic Materials, 2018, 465, 489-494.	2.3	6
16	Tailoring the structural and magnetic properties of Co-Zn nanosized ferrites for hyperthermia applications. Journal of Magnetism and Magnetic Materials, 2018, 465, 211-219.	2.3	37
17	Magnetic nanoparticle detection method employing non-linear magnetoimpedance effects. Journal of Applied Physics, 2017, 121, .	2.5	24
18	GMI Magnetoelastic Sensor for Measuring Trunk Diameter Variations in Plants. IEEE Transactions on Magnetics, 2017, 53, 1-5.	2.1	5

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19	Giant direct and inverse magnetocaloric effect linked to the same forward martensitic transformation. Scientific Reports, 2017, 7, 13328.	3.3	20
20	Characterization and modelling of Ag/TiO2/ITO devices exhibiting bipolar memristive properties. , 2017, , .		2
21	EMSA 2016 Publications Chairâ€™s Preface. IEEE Transactions on Magnetics, 2017, 53, 1-3.	2.1	0
22	Latent heat contribution to the direct magnetocaloric effect in Niâ€“Mnâ€“Ga shape memory alloys with coupled martensitic and magnetic transformations. Journal Physics D: Applied Physics, 2016, 49, 205004.	2.8	7
23	Fabrication of TiO2 coated metallic wires by the solâ€“gel technique as a humidity sensor. Ceramics International, 2016, 42, 9292-9298.	4.8	16
24	Electrical model of giant magnetoimpedance sensors based on continued fractions. Sensors and Actuators A: Physical, 2016, 242, 73-78.	4.1	7
25	Magnetic induction heating as a new tool for the synthesis of Fe3O4â€“TiO2 nanoparticle systems. Journal of Nanoparticle Research, 2016, 18, 1.	1.9	19
26	Magnetic properties of N and (Cr, N)-doped TiO<inf>2</inf> nanoparticles. , 2015, , .		0
27	Morin transition in Hematite nanoparticles analyzed by neutron diffraction. Journal of Physics: Conference Series, 2015, 663, 012003.	0.4	5
28	Self-regulated magnetic induction heating Of Zn-Co ferrite nanoparticles. , 2015, , .		1
29	A novel magnetoâ€impedance sensor model based on the zeros of Bessel functions. International Journal of Circuit Theory and Applications, 2015, 43, 2072-2080.	2.0	1
30	Magnetic Properties of N- and (Cr, N)-Doped TiO₂ Nanoparticles. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	5
31	Comparative study of (N, Fe) doped TiO2 photocatalysts. Applied Surface Science, 2015, 327, 490-497.	6.1	73
32	Magnetically Separable Photocatalyst Fe₃O₄/SiO₂/N-TiO₂ Hybrid Nanostructures. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	8
33	Soft Magnetic Materials 21 Publication Chair's Preface. IEEE Transactions on Magnetics, 2014, 50, 1-2.	2.1	0
34	Room temperature ferromagnetism and absorption red-shift in nitrogen-doped TiO2 nanoparticles. Journal of Alloys and Compounds, 2014, 612, 450-455.	5.5	22
35	Magnetic properties of the martensitic phase in Ni-Mn-In-Co metamagnetic shape memory alloys. Applied Physics Letters, 2013, 102, .	3.3	32
36	Multifunctional Sensor Based on a Hybrid Ferromagnetic/Solâ€“Gel TiO2Coating Nanostructure. Industrial & Engineering Chemistry Research, 2013, 52, 3787-3793.	3.7	6

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37	Room temperature ferromagnetism in non-magnetic doped TiO2 nanoparticles. Journal of Applied Physics, 2013, 113, .	2.5	34
38	X-LAW3M 2013 Publication Chair Preface. IEEE Transactions on Magnetics, 2013, 49, 4486-4487.	2.1	0
39	Ni Doped Fe₃O₄ Magnetic Nanoparticles. Journal of Nanoscience and Nanotechnology, 2012, 12, 2652-2660.	0.9	55
40	Aging process of unipolar resistive switching in microscale cylindrical Fe-base alloy/TiO2/Au-cells. Journal of Applied Physics, 2012, 112, 034507.	2.5	2
41	Analysis of heating effects (magnetic hyperthermia) in FeCrSiBCuNb amorphous and nanocrystalline wires. Journal of Applied Physics, 2012, 111, 07A314.	2.5	8
42	Entropy change linked to the magnetic field induced Morin transition in Hematite nanoparticles. Applied Physics Letters, 2012, 100, 063102.	3.3	30
43	Sol-gel NiFe2O4 nanoparticles: Effect of the silica coating. Journal of Applied Physics, 2012, 111, .	2.5	43
44	Effect of a SiO₂coating on the magnetic properties of Fe₃O₄nanoparticles. Journal of Physics Condensed Matter, 2012, 24, 266007.	1.8	72
45	Role of magnetism on the martensitic transformation in Niâ€“Mn-based magnetic shape memory alloys. Acta Materialia, 2012, 60, 459-468.	7.9	60
46	Magnetic induction heating of FeCr nanocrystalline alloys. Journal of Magnetism and Magnetic Materials, 2012, 324, 1897-1901.	2.3	5
47	A Comprehensive Analysis of the Absorption Spectrum of Conducting Ferromagnetic Wires. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 2055-2065.	4.6	5
48	A phenomenological spice model for magnetoâ€impedance sensors. International Journal of Circuit Theory and Applications, 2012, 40, 275-286.	2.0	4
49	Magnetic field induced martensitic transformation linked to the arrested austenite in a Ni-Mn-In-Co shape memory alloy. Journal of Applied Physics, 2011, 109, 093515.	2.5	36
50	Theoretical Modeling and Experimental Verification of the Scattering From a Ferromagnetic Microwire. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 517-526.	4.6	20
51	Small-angle Neutron Scattering with One-dimensional Polarization Analysis. Neutron News, 2011, 22, 15-19.	0.2	7
52	Comprehensive analysis of a micro-magnetic sensor performance using amorphous microwire MI element with pulsed excitation current. Sensors and Actuators A: Physical, 2011, 168, 90-94.	4.1	9
53	Longitudinal polarization analysis in small-angle neutron scattering. European Physical Journal B, 2010, 76, 209-213.	1.5	37
54	Temperature dependence of magnetic susceptibility in the vicinity of martensitic transformation in ferromagnetic shape memory alloys. Journal of Physics Condensed Matter, 2010, 22, 316004.	1.8	5

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55	Magnetization switching in ferromagnetic microwires. Physical Review B, 2010, 82, .	3.2	35
56	Niâ€“Mnâ€“Ga ferromagnetic shape memory wires. Journal of Applied Physics, 2010, 107, .	2.5	21
57	Thermal Destruction on the Nanoscale: Cell Membrane Hyperthermia with Functionalized Magnetic Nanoparticles. , 2010, , .		4
58	Model for Hyperthermia with Arrays of Magnetic Nanoparticles: Spatial and Time Temperature Distributions in Tumor. Journal of Nanoscience and Nanotechnology, 2010, 10, 690-695.	0.9	6
59	High-Field Gradient Permanent Micromagnets for Targeted Drug Delivery with Magnetic Nanoparticles. AIP Conference Proceedings, 2010, , .	0.4	16
60	Vibrational and magnetic contributions to the entropy change associated with the martensitic transformation of Niâ€“Feâ€“Ga ferromagnetic shape memory alloys. Journal of Physics Condensed Matter, 2010, 22, 416001.	1.8	23
61	Magnetotunable left-handed FeSiB ferromagnetic microwires. Optics Letters, 2010, 35, 2161.	3.3	22
62	Temperature and time dependent magnetic phenomena in a nearly stoichiometric Ni2MnGa alloy. Journal of Physics Condensed Matter, 2009, 21, 026020.	1.8	4
63	A Spice model for magneto-impedance sensors. , 2009, , .		0
64	Magnetic Heating by Tunable Arrays of Nanoparticles in Cancer Therapy. Acta Physica Polonica A, 2009, 115, 413-417.	0.5	8
65	Influence of the atomic order on the magnetic characteristics of a Niâ€“Mnâ€“Ga ferromagnetic shape memory alloy. Journal of Magnetism and Magnetic Materials, 2008, 320, e160-e163.	2.3	25
66	Magnetic properties of Fe-based soft magnetic nanocrystalline alloys. Journal of Magnetism and Magnetic Materials, 2008, 320, 1984-1988.	2.3	13
67	Correlation between composition and phase transformation temperatures in Niâ€“Mnâ€“Gaâ€“Co ferromagnetic shape memory alloys. Acta Materialia, 2008, 56, 5370-5376.	7.9	45
68	Magnetic behavior in Niâ€“Feâ€“Ga martensitic phase. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 481-482, 318-321.	5.6	9
69	Thermal stability and ordering effects in Niâ€“Feâ€“Ga ferromagnetic shape memory alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 481-482, 262-265.	5.6	14
70	Reversible and irreversible martensitic transformations in Fe-Pd and Fe-Pd-Co alloys. European Physical Journal: Special Topics, 2008, 158, 107-112.	2.6	17
71	Enhanced Thermal Conductivity of Nanofluids Diagnosis by Molecular Dynamics Simulations. Journal of Nanoscience and Nanotechnology, 2008, 8, 3710-3718.	0.9	20
72	Vibrational and magnetic behavior of transforming and nontransforming Ni-Mn-Ga alloys. Physical Review B, 2007, 76, .	3.2	21

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73	Magnetism of two-phase magnetic systems composed of nanograins embedded in an amorphous matrix. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2007, 449-451, 71-78.	5.6	5
74	Magnetocaloric effect linked to structural and magnetic transitions in Niâ€“Feâ€“Ga alloys. Journal of Magnetism and Magnetic Materials, 2007, 310, e999-e1001.	2.3	4
75	Magnetic relaxation in melt-spun amorphous and nanocrystalline Mn-doped nanocrystalline alloy. Journal of Magnetism and Magnetic Materials, 2007, 310, 2466-2468.	2.3	3
76	Magnetic study of the martensitic transformation in a Feâ€“Pd alloy. Journal of Magnetism and Magnetic Materials, 2007, 316, e614-e617.	2.3	9
77	Effect of the metal support interactions on the physicochemical and magnetic properties of Ni catalysts. Journal of Magnetism and Magnetic Materials, 2007, 316, e783-e786.	2.3	6
78	Magnetocaloric effect in FeCr soft magnetic nanocrystalline alloys. Journal of Magnetism and Magnetic Materials, 2007, 316, e876-e878.	2.3	13
79	Temperature Detection Method Based on the Magnetoimpedance Effect in Soft Magnetic Nanocrystalline Alloys. Sensor Letters, 2007, 5, 196-199.	0.4	7
80	Pre-martensitic phenomena in a near stoichiometric Ni _2 MnGa Polycrystalline alloy. International Journal of Applied Electromagnetics and Mechanics, 2006, 23, 93-98.	0.6	5
81	High temperature atomic rearrangements in melt-spun Niâ€“Mnâ€“Ga ribbons. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 438-440, 927-930.	5.6	12
82	Random anisotropy effects in soft magnetic nanocrystalline materials. Physica B: Condensed Matter, 2006, 372, 256-259.	2.7	1
83	Magnetocaloric effect in Niâ€“Feâ€“Ga shape memory alloys. Applied Physics Letters, 2006, 88, 132503.	3.3	47
84	Magnetic properties of Mn-doped finemet nanocrystalline alloy. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 1517-1519.	2.3	28
85	Characterization of the martensitic transformation in melt-spun NiMnGa ribbons by magnetoinductive effect. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 826-828.	2.3	9
86	Nonlinear giant magnetoimpedance and the asymmetric circumferential magnetization process in soft magnetic wires. Journal of Physics Condensed Matter, 2004, 16, 5083-5094.	1.8	20
87	Magnetic transition in nanocrystalline soft magnetic alloys analyzed via ac inductive techniques. Physical Review B, 2004, 70, .	3.2	8
88	Influence of the structural disorder on the paramagnetic susceptibility of Pd. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 357-358.	2.3	1
89	Thermal dependence of magneto-impedance in FeCrSiBCuNb nanocrystalline alloy. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1853-1854.	2.3	2
90	The effect of helical magnetoelastic anisotropy on magnetoimpedance and its second harmonic component in amorphous wires. Journal of Magnetism and Magnetic Materials, 2004, 271, 390-395.	2.3	31

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91	Analysis of the nanocrystalline phase in Fe73.5â^'xAxSi13.5B9Cu1Nb3 (A=Cr and Co) alloys. Physica B: Condensed Matter, 2004, 350, E135-E138.	2.7	1
92	Temperature dependence of magnetic properties in Fe-Co and Fe-Cr base nanocrystalline alloys. IEEE Transactions on Magnetics, 2003, 39, 3019-3024.	2.1	18
93	Effect of the ordering on the magnetic and magnetoimpedance properties of Fe-6.5% Si alloy. Journal of Magnetism and Magnetic Materials, 2003, 254-255, 88-90.	2.3	7
94	New field/position detection method based on a metallic amorphous resonant element. Sensors and Actuators A: Physical, 2003, 106, 155-158.	4.1	7
95	Influence of Cr substitution in the magnetoimpedance response of FeSiBCuNb wires. Sensors and Actuators A: Physical, 2003, 106, 230-233.	4.1	11
96	Effect of stress applied on the magnetization profile of Feâ€“Siâ€“B amorphous wire. Journal of Applied Physics, 2003, 93, 7208-7210.	2.5	24
97	High-temperature magnetic behavior of FeCo-based nanocrystalline alloys. Physical Review B, 2002, 66, .	3.2	44
98	Torsional dependence of second-harmonic amplitude of giant magnetoimpedance in FeCoSiB amorphous wire. IEEE Transactions on Magnetics, 2002, 38, 3087-3089.	2.1	15
99	Recent experiments and models on giant magnetoimpedance. Physica B: Condensed Matter, 2002, 320, 127-134.	2.7	15
100	Stress dependence of second harmonic amplitude of giant magnetoimpedance in CoFeSiB amorphous samples. Journal of Magnetism and Magnetic Materials, 2002, 242-245, 294-296.	2.3	10
101	Position sensor based on domain wall propagation in bistable amorphous wires. Journal of Magnetism and Magnetic Materials, 2002, 249, 398-401.	2.3	9
102	Secondary recrystallization in Feâ€“6.5 wt% Si alloys by internal friction. Journal of Non-Crystalline Solids, 2001, 287, 70-74.	3.1	8
103	Influence of atomic rearrangements on the magnetic properties of a thermally treated disordered Fe21Pd79 alloy. Journal of Non-Crystalline Solids, 2001, 287, 96-99.	3.1	2
104	Giant magnetoimpedance modelling using Fourier analysis in soft magnetic amorphous wires. Physica B: Condensed Matter, 2001, 299, 322-328.	2.7	44
105	New current transformer device based on non-magnetostrictive amorphous ribbons. Sensors and Actuators A: Physical, 2001, 91, 76-79.	4.1	7
106	Field dependence of second-harmonic amplitude of magnetoimpedance in FeCoSiB joule heated wires. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 712-714.	2.3	19
107	Rotational giant magnetoimpedance in soft magnetic wires: Modelization through Fourier harmonic contribution. Applied Physics Letters, 2001, 78, 246-248.	3.3	49
108	Structural and magnetic properties of nanocrystallineFe73.5â^'xCoxSi13.5B9CuNb3alloys. Physical Review B, 2001, 65, .	3.2	71

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109	New sensors based on the magnetoelastic resonance of metallic glasses. Sensors and Actuators A: Physical, 2000, 81, 154-157.	4.1	22
110	Exchange interaction through amorphous intergranular layers in a two-phase system. Journal of Physics Condensed Matter, 2000, 12, 3255-3265.	1.8	10
111	Effect of the decomposition process in the magnetic properties of disordered FePd alloys. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 179-181.	2.3	8
112	Magnetic hardening in nanocrystalline FeCoSiBCuNb alloy. Journal of Magnetism and Magnetic Materials, 1999, 203, 79-81.	2.3	18
113	Coexistence of three structural and magnetic states of Fe in rapidly quenched samples: epitaxy effects in granular solids. Journal of Magnetism and Magnetic Materials, 1998, 187, 117-124.	2.3	3
114	Influence of the fabrication conditions on the high frequency magnetic response of melt spun Fe73.5Si13.5B9Nb3Cu1. European Physical Journal Special Topics, 1998, 08, Pr2-19-Pr2-22.	0.2	0
115	Approach to saturation and magnetic properties of melt-spun Feî—‚Cu granular systems. Journal of Magnetism and Magnetic Materials, 1997, 173, 275-286.	2.3	16
116	Sensor applications based on induced magnetic anisotropy in toroidal cores. Sensors and Actuators A: Physical, 1997, 59, 101-104.	4.1	10
117	Optimisation of rapidly quenched FeSiBCuNb alloys through the control of the quenching rate. Sensors and Actuators A: Physical, 1997, 59, 261-265.	4.1	4
118	Magnetic properties of amorphous and devitrified FeSiBCuNb glass-coated microwires. Scripta Materialia, 1996, 7, 823-834.	0.5	67
119	Axial and transverse magnetization processes of glass-coated amorphous microwires. Journal of Magnetism and Magnetic Materials, 1996, 157-158, 143-144.	2.3	13
120	A critical current sensor based on the Matteucci effect of a toroidal Fe-rich amorphous wire. Journal of Magnetism and Magnetic Materials, 1996, 160, 194-196.	2.3	4
121	Evaluation of the linear magnetostriction in amorphous wires using the giant magneto-impedance effect. Journal of Magnetism and Magnetic Materials, 1996, 160, 243-244.	2.3	66
122	Domain structure and magnetization process of bent Fe-rich amorphous wires. Journal of Magnetism and Magnetic Materials, 1996, 164, 319-326.	2.3	12
123	Giant magnetic hardening of a Fe-Zr-B-Cu amorphous alloy during the first stages of nanocrystallization. Physical Review B, 1996, 53, 3392-3397.	3.2	47
124	Giant magnetoâ€impedance effect in nanostructured magnetic wires. Journal of Applied Physics, 1996, 79, 1646-1654.	2.5	191
125	Effect of Annealing Temperature on Magnetic After-Effect in FeCuNbSiB Alloys. European Physical Journal Special Topics, 1996, 06, C8-549-C8-552.	0.2	3
126	Temperature dependence of the magnetization process of nearly non-magnetostrictive Co-rich amorphous wires. Journal of Magnetism and Magnetic Materials, 1995, 145, 165-174.	2.3	21

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127	MÃ¶ssbauer analysis of phase distribution in Feî—¸Cu and Feî—¸Cuî—¸Ni granular melt spun ribbons. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 361-362.	2.3	6
128	Joule heating in amorphous metallic wires. Journal Physics D: Applied Physics, 1995, 28, 2398-2403.	2.8	26
129	Influence of nanocrystallization on the magneto-impedance effect in FeCuNbSiB amorphous wires. IEEE Transactions on Magnetics, 1995, 31, 4009-4011.	2.1	25
130	A giant Barkhausen effect with second-order instability. Journal Physics D: Applied Physics, 1994, 27, 681-684.	2.8	5
131	Exchange Correlation Length and Magnetoresistance in Fe-Cu and Fe-Cu-Ni Melt-Spun Ribbons. Europhysics Letters, 1994, 26, 701-706.	2.0	17
132	Magnetic bistability of amorphous wires and sensor applications. IEEE Transactions on Magnetics, 1994, 30, 907-912.	2.1	82
133	Superparamagnetic behavior and giant magnetoresistance in as-obtained Co-Ag metastable alloys. Journal of Magnetism and Magnetic Materials, 1994, 138, 123-131.	2.3	41
134	Bending stresses and bistable behavior in Feâ€rich amorphous wire. Journal of Applied Physics, 1994, 75, 5791-5793.	2.5	11
135	Magnetization profile determination in amorphous wires. Journal of Magnetism and Magnetic Materials, 1993, 124, 262-268.	2.3	20
136	Structural relaxation and magnetic properties of Co-rich amorphous wire. Journal of Magnetism and Magnetic Materials, 1993, 118, 86-92.	2.3	59
137	Magnetic Bistability In As-cast Non-magnetostrictive Amorphous Wire. , 1993, , .		1
138	The influence of nanocrystalline microstructure on the magnetic properties of a wire shaped ferromagnetic alloy. IEEE Transactions on Magnetics, 1993, 29, 2673-2675.	2.1	27
139	Magnetic bistability in as-cast non-magnetostrictive amorphous wire. IEEE Transactions on Magnetics, 1993, 29, 3481-3483.	2.1	17
140	Directionally alternating domain wall propagation in bistable amorphous wires. Applied Physics Letters, 1993, 62, 108-109.	3.3	28
141	Magnetic domain observation in amorphous wires. Journal of Applied Physics, 1993, 73, 5357-5359.	2.5	46
142	Switching mechanism and domain structure of bistable amorphous wires. IEEE Transactions on Magnetics, 1992, 28, 3147-3149.	2.1	52
143	AC loss analysis and domain structure in magnetostrictive amorphous wires. Journal of Magnetism and Magnetic Materials, 1992, 115, 295-306.	2.3	14
144	Influence of the sample length on the switching process of magnetostrictive amorphous wire. Journal of Magnetism and Magnetic Materials, 1992, 103, 117-125.	2.3	90

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145	Stress induced magnetic anisotropy in non-magnetostrictive amorphous wires. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 137-138.	2.3	23
146	Field-flash annealing of Co-rich amorphous alloy. IEEE Transactions on Magnetics, 1990, 26, 1415-1417.	2.1	8
147	Magnetostriction behavior of Coâ€Feâ€Siâ€B amorphous alloys. Journal of Applied Physics, 1990, 67, 4984-4985.	2.5	4
148	Tensile-stress dependence of magnetostriction in multilayers of amorphous ribbons. Physical Review B, 1990, 42, 6471-6475.	3.2	23
149	Torsional dependence of second harmonic amplitude of giant magnetoimpedance in FeCoSiB amorphous wire. , 0, , .		0
150	Effect of helicoidal magnetoelastic anisotropy in non-linear magnetoimpedance of Co/sub 80.89/Fe/sub 4.38/Si/sub 8.69/B/sub 1.52/Nb/sub 4.52/ fibers. , 0, , .		0
151	Thermal dependence of magnetic properties in Fe-Co and Fe-Cr base nanocrystalline alloys. , 0, , .		0