

Cristina GÃ“mez-Polo

List of Publications by Year in descending order

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151
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g-index

154
all docs

154
docs citations

154
times ranked

2110
citing authors

#	ARTICLE	IF	CITATIONS
1	Giant magnetoimpedance effect in nanostructured magnetic wires. Journal of Applied Physics, 1996, 79, 1646-1654.	2.5	191
2	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
3	Magnetic bistability of amorphous wires and sensor applications. IEEE Transactions on Magnetics, 1994, 30, 907-912.	2.1	82
4	Comparative study of (N, Fe) doped TiO ₂ photocatalysts. Applied Surface Science, 2015, 327, 490-497.	6.1	73
5	Effect of a SiO ₂ coating on the magnetic properties of Fe ₃ O ₄ nanoparticles. Journal of Physics Condensed Matter, 2012, 24, 266007.	1.8	72
6	Structural and magnetic properties of nanocrystalline Fe _{73.5} xCo _x Si _{13.5} B ₉ CuNb ₃ alloys. Physical Review B, 2001, 65, .	3.2	71
7	Magnetic properties of amorphous and devitrified FeSiBCuNb glass-coated microwires. Scripta Materialia, 1996, 7, 823-834.	0.5	67
8	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
9	Role of magnetism on the martensitic transformation in Ni-Mn-based magnetic shape memory alloys. Acta Materialia, 2012, 60, 459-468.	7.9	60
10	Structural relaxation and magnetic properties of Co-rich amorphous wire. Journal of Magnetism and Magnetic Materials, 1993, 118, 86-92.	2.3	59
11	Ni Doped Fe ₃ O ₄ Magnetic Nanoparticles. Journal of Nanoscience and Nanotechnology, 2012, 12, 2652-2660.	0.9	55
12	Switching mechanism and domain structure of bistable amorphous wires. IEEE Transactions on Magnetics, 1992, 28, 3147-3149.	2.1	52
13	Rotational giant magnetoimpedance in soft magnetic wires: Modelization through Fourier harmonic contribution. Applied Physics Letters, 2001, 78, 246-248.	3.3	49
14	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
15	Magnetocaloric effect in Ni-Fe-Ga shape memory alloys. Applied Physics Letters, 2006, 88, 132503.	3.3	47
16	Magnetic domain observation in amorphous wires. Journal of Applied Physics, 1993, 73, 5357-5359.	2.5	46
17	Correlation between composition and phase transformation temperatures in Ni-Mn-Ga-Co ferromagnetic shape memory alloys. Acta Materialia, 2008, 56, 5370-5376.	7.9	45
18	Giant magnetoimpedance modelling using Fourier analysis in soft magnetic amorphous wires. Physica B: Condensed Matter, 2001, 299, 322-328.	2.7	44

#	ARTICLE	IF	CITATIONS
19	High-temperature magnetic behavior of FeCo-based nanocrystalline alloys. <i>Physical Review B</i> , 2002, 66, .	3.2	44
20	Sol-gel NiFe ₂ O ₄ nanoparticles: Effect of the silica coating. <i>Journal of Applied Physics</i> , 2012, 111, .	2.5	43
21	Superparamagnetic behavior and giant magnetoresistance in as-obtained Co-Ag metastable alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 1994, 138, 123-131.	2.3	41
22	Longitudinal polarization analysis in small-angle neutron scattering. <i>European Physical Journal B</i> , 2010, 76, 209-213.	1.5	37
23	Tailoring the structural and magnetic properties of Co-Zn nanosized ferrites for hyperthermia applications. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 465, 211-219.	2.3	37
24	Magnetic field induced martensitic transformation linked to the arrested austenite in a Ni-Mn-In-Co shape memory alloy. <i>Journal of Applied Physics</i> , 2011, 109, 093515.	2.5	36
25	Magnetization switching in ferromagnetic microwires. <i>Physical Review B</i> , 2010, 82, .	3.2	35
26	Room temperature ferromagnetism in non-magnetic doped TiO ₂ nanoparticles. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	34
27	Magnetic properties of the martensitic phase in Ni-Mn-In-Co metamagnetic shape memory alloys. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	32
28	The effect of helical magnetoelastic anisotropy on magnetoimpedance and its second harmonic component in amorphous wires. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 271, 390-395.	2.3	31
29	Entropy change linked to the magnetic field induced Morin transition in Hematite nanoparticles. <i>Applied Physics Letters</i> , 2012, 100, 063102.	3.3	30
30	Directionally alternating domain wall propagation in bistable amorphous wires. <i>Applied Physics Letters</i> , 1993, 62, 108-109.	3.3	28
31	Magnetic properties of Mn-doped finemet nanocrystalline alloy. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 290-291, 1517-1519.	2.3	28
32	The influence of nanocrystalline microstructure on the magnetic properties of a wire shaped ferromagnetic alloy. <i>IEEE Transactions on Magnetics</i> , 1993, 29, 2673-2675.	2.1	27
33	Joule heating in amorphous metallic wires. <i>Journal Physics D: Applied Physics</i> , 1995, 28, 2398-2403.	2.8	26
34	Influence of nanocrystallization on the magneto-impedance effect in FeCuNbSiB amorphous wires. <i>IEEE Transactions on Magnetics</i> , 1995, 31, 4009-4011.	2.1	25
35	Influence of the atomic order on the magnetic characteristics of a Niâ€“Mnâ€“Ga ferromagnetic shape memory alloy. <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, e160-e163.	2.3	25
36	Effect of stress applied on the magnetization profile of Feâ€“Siâ€“B amorphous wire. <i>Journal of Applied Physics</i> , 2003, 93, 7208-7210.	2.5	24

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37	Magnetic nanoparticle detection method employing non-linear magnetoimpedance effects. Journal of Applied Physics, 2017, 121, .	2.5	24
38	Tensile-stress dependence of magnetostriction in multilayers of amorphous ribbons. Physical Review B, 1990, 42, 6471-6475.	3.2	23
39	Stress induced magnetic anisotropy in non-magnetostrictive amorphous wires. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 137-138.	2.3	23
40	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
41	New sensors based on the magnetoelastic resonance of metallic glasses. Sensors and Actuators A: Physical, 2000, 81, 154-157.	4.1	22
42	Magnetotunable left-handed FeSiB ferromagnetic microwires. Optics Letters, 2010, 35, 2161.	3.3	22
43	Room temperature ferromagnetism and absorption red-shift in nitrogen-doped TiO2 nanoparticles. Journal of Alloys and Compounds, 2014, 612, 450-455.	5.5	22
44	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
45	Vibrational and magnetic behavior of transforming and nontransforming Ni-Mn-Ga alloys. Physical Review B, 2007, 76, .	3.2	21
46	Niâ€“Mnâ€“Ga ferromagnetic shape memory wires. Journal of Applied Physics, 2010, 107, .	2.5	21
47	Magnetization profile determination in amorphous wires. Journal of Magnetism and Magnetic Materials, 1993, 124, 262-268.	2.3	20
48	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
49	Enhanced Thermal Conductivity of Nanofluids Diagnosis by Molecular Dynamics Simulations. Journal of Nanoscience and Nanotechnology, 2008, 8, 3710-3718.	0.9	20
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	Giant direct and inverse magnetocaloric effect linked to the same forward martensitic transformation. Scientific Reports, 2017, 7, 13328.	3.3	20
52	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
53	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
54	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

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55	Improved photocatalytic and antibacterial performance of Cr doped TiO ₂ nanoparticles. Surfaces and Interfaces, 2021, 22, 100867.	3.0	19
56	Magnetic hardening in nanocrystalline FeCoSiBCuNb alloy. Journal of Magnetism and Magnetic Materials, 1999, 203, 79-81.	2.3	18
57	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
58	Magnetic bistability in as-cast non-magnetostrictive amorphous wire. IEEE Transactions on Magnetics, 1993, 29, 3481-3483.	2.1	17
59	Exchange Correlation Length and Magnetoresistance in Fe-Cu and Fe-Cu-Ni Melt-Spun Ribbons. Europhysics Letters, 1994, 26, 701-706.	2.0	17
60	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
61	Approach to saturation and magnetic properties of melt-spun Fe ₇₀ -Cu granular systems. Journal of Magnetism and Magnetic Materials, 1997, 173, 275-286.	2.3	16
62	High-Field Gradient Permanent Micromagnets for Targeted Drug Delivery with Magnetic Nanoparticles. AIP Conference Proceedings, 2010, , .	0.4	16
63	Fabrication of TiO ₂ coated metallic wires by the sol-gel technique as a humidity sensor. Ceramics International, 2016, 42, 9292-9298.	4.8	16
64	Torsional dependence of second-harmonic amplitude of giant magnetoimpedance in FeCoSiB amorphous wire. IEEE Transactions on Magnetics, 2002, 38, 3087-3089.	2.1	15
65	Recent experiments and models on giant magnetoimpedance. Physica B: Condensed Matter, 2002, 320, 127-134.	2.7	15
66	AC loss analysis and domain structure in magnetostrictive amorphous wires. Journal of Magnetism and Magnetic Materials, 1992, 115, 295-306.	2.3	14
67	Thermal stability and ordering effects in Ni ₈₀ Fe ₂₀ Ga ferromagnetic shape memory alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 481-482, 262-265.	5.6	14
68	Axial and transverse magnetization processes of glass-coated amorphous microwires. Journal of Magnetism and Magnetic Materials, 1996, 157-158, 143-144.	2.3	13
69	Magnetocaloric effect in FeCr soft magnetic nanocrystalline alloys. Journal of Magnetism and Magnetic Materials, 2007, 316, e876-e878.	2.3	13
70	Magnetic properties of Fe-based soft magnetic nanocrystalline alloys. Journal of Magnetism and Magnetic Materials, 2008, 320, 1984-1988.	2.3	13
71	Giant Stress Impedance Magnetoelastic Sensors Employing Soft Magnetic Amorphous Ribbons. Materials, 2020, 13, 2175.	2.9	13
72	Domain structure and magnetization process of bent Fe-rich amorphous wires. Journal of Magnetism and Magnetic Materials, 1996, 164, 319-326.	2.3	12

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73	High temperature atomic rearrangements in melt-spun Niâ€“Mnâ€“Ga ribbons. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2006, 438-440, 927-930.	5.6	12
74	Giant stress-impedance (GSI) sensor for diameter evaluation in cylindrical elements. <i>Sensors and Actuators A: Physical</i> , 2018, 269, 269-275.	4.1	12
75	Enhanced Magnetic Nanoparticle Detection Sensitivity in Non-Linear Magnetoimpedance-Based Sensor. <i>IEEE Sensors Journal</i> , 2018, 18, 8701-8708.	4.7	12
76	A Combination of a Vibrational Electromagnetic Energy Harvester and a Giant Magnetoimpedance (GMI) Sensor. <i>Sensors</i> , 2020, 20, 1873.	3.8	12
77	Bending stresses and bistable behavior in Feâ€“rich amorphous wire. <i>Journal of Applied Physics</i> , 1994, 75, 5791-5793.	2.5	11
78	Influence of Cr substitution in the magnetoimpedance response of FeSiBCuNb wires. <i>Sensors and Actuators A: Physical</i> , 2003, 106, 230-233.	4.1	11
79	Sensor applications based on induced magnetic anisotropy in toroidal cores. <i>Sensors and Actuators A: Physical</i> , 1997, 59, 101-104.	4.1	10
80	Exchange interaction through amorphous intergranular layers in a two-phase system. <i>Journal of Physics Condensed Matter</i> , 2000, 12, 3255-3265.	1.8	10
81	Stress dependence of second harmonic amplitude of giant magnetoimpedance in CoFeSiB amorphous samples. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 242-245, 294-296.	2.3	10
82	Fe-C nanoparticles obtained from thermal decomposition employing sugars as reducing agents. <i>Journal of Alloys and Compounds</i> , 2021, 863, 158065.	5.5	10
83	Position sensor based on domain wall propagation in bistable amorphous wires. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 249, 398-401.	2.3	9
84	Characterization of the martensitic transformation in melt-spun NiMnGa ribbons by magnetoinductive effect. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 290-291, 826-828.	2.3	9
85	Magnetic study of the martensitic transformation in a Feâ€“Pd alloy. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, e614-e617.	2.3	9
86	Magnetic behavior in Niâ€“Feâ€“Ga martensitic phase. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008, 481-482, 318-321.	5.6	9
87	Comprehensive analysis of a micro-magnetic sensor performance using amorphous microwire MI element with pulsed excitation current. <i>Sensors and Actuators A: Physical</i> , 2011, 168, 90-94.	4.1	9
88	Field-flash annealing of Co-rich amorphous alloy. <i>IEEE Transactions on Magnetics</i> , 1990, 26, 1415-1417.	2.1	8
89	Effect of the decomposition process in the magnetic properties of disordered FePd alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 196-197, 179-181.	2.3	8
90	Secondary recrystallization in Feâ€“6.5 wt% Si alloys by internal friction. <i>Journal of Non-Crystalline Solids</i> , 2001, 287, 70-74.	3.1	8

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91	Magnetic transition in nanocrystalline soft magnetic alloys analyzed via ac inductive techniques. <i>Physical Review B</i> , 2004, 70, .	3.2	8
92	Analysis of heating effects (magnetic hyperthermia) in FeCrSiBCuNb amorphous and nanocrystalline wires. <i>Journal of Applied Physics</i> , 2012, 111, 07A314.	2.5	8
93	Magnetically Separable Photocatalyst Fe ₃ O ₄ /SiO ₂ /N-TiO ₂ Hybrid Nanostructures. <i>IEEE Transactions on Magnetics</i> , 2014, 50, 1-4.	2.1	8
94	Magnetic Heating by Tunable Arrays of Nanoparticles in Cancer Therapy. <i>Acta Physica Polonica A</i> , 2009, 115, 413-417.	0.5	8
95	New current transformer device based on non-magnetostrictive amorphous ribbons. <i>Sensors and Actuators A: Physical</i> , 2001, 91, 76-79.	4.1	7
96	Effect of the ordering on the magnetic and magnetoimpedance properties of Fe-6.5% Si alloy. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 254-255, 88-90.	2.3	7
97	New field/position detection method based on a metallic amorphous resonant element. <i>Sensors and Actuators A: Physical</i> , 2003, 106, 155-158.	4.1	7
98	Small-angle Neutron Scattering with One-dimensional Polarization Analysis. <i>Neutron News</i> , 2011, 22, 15-19.	0.2	7
99	Latent heat contribution to the direct magnetocaloric effect in Ni-Mn-Ga shape memory alloys with coupled martensitic and magnetic transformations. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 205004.	2.8	7
100	Electrical model of giant magnetoimpedance sensors based on continued fractions. <i>Sensors and Actuators A: Physical</i> , 2016, 242, 73-78.	4.1	7
101	Contactless magnetic nanoparticle detection platform based on non-linear GMI effect. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 180, 109602.	5.0	7
102	Temperature Detection Method Based on the Magnetoimpedance Effect in Soft Magnetic Nanocrystalline Alloys. <i>Sensor Letters</i> , 2007, 5, 196-199.	0.4	7
103	Mössbauer analysis of phase distribution in Fe-Cu and Fe-Cu-Ni granular melt spun ribbons. <i>Journal of Magnetism and Magnetic Materials</i> , 1995, 140-144, 361-362.	2.3	6
104	Effect of the metal support interactions on the physicochemical and magnetic properties of Ni catalysts. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, e783-e786.	2.3	6
105	Model for Hyperthermia with Arrays of Magnetic Nanoparticles: Spatial and Time Temperature Distributions in Tumor. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 690-695.	0.9	6
106	Multifunctional Sensor Based on a Hybrid Ferromagnetic/Sol-Gel TiO ₂ Coating Nanostructure. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 3787-3793.	3.7	6
107	Micrometric non-contact position magnetoimpedance sensor. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 465, 489-494.	2.3	6
108	A giant Barkhausen effect with second-order instability. <i>Journal Physics D: Applied Physics</i> , 1994, 27, 681-684.	2.8	5

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109	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
110	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
111	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
112	Magnetic induction heating of FeCr nanocrystalline alloys. Journal of Magnetism and Magnetic Materials, 2012, 324, 1897-1901.	2.3	5
113	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
114	Morin transition in Hematite nanoparticles analyzed by neutron diffraction. Journal of Physics: Conference Series, 2015, 663, 012003.	0.4	5
115	Magnetic Properties of N- and (Cr, N)-Doped TiO ₂ Nanoparticles. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	5
116	GMI Magnetoelastic Sensor for Measuring Trunk Diameter Variations in Plants. IEEE Transactions on Magnetics, 2017, 53, 1-5.	2.1	5
117	Thrust actuator with passive restoration force for wide gap magnetic bearings. Journal of Magnetism and Magnetic Materials, 2019, 476, 342-348.	2.3	5
118	Tuning the photocatalytic performance through magnetization in Co-Zn ferrite nanoparticles. Journal of Magnetism and Magnetic Materials, 2022, 560, 169617.	2.3	5
119	Magnetostriction behavior of Co-Fe amorphous alloys. Journal of Applied Physics, 1990, 67, 4984-4985.	2.5	4
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	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
122	Magnetocaloric effect linked to structural and magnetic transitions in Ni-Fe-Ga alloys. Journal of Magnetism and Magnetic Materials, 2007, 310, e999-e1001.	2.3	4
123	Temperature and time dependent magnetic phenomena in a nearly stoichiometric Ni ₂ MnGa alloy. Journal of Physics Condensed Matter, 2009, 21, 026020.	1.8	4
124	Thermal Destruction on the Nanoscale: Cell Membrane Hyperthermia with Functionalized Magnetic Nanoparticles. , 2010, , .		4
125	A phenomenological spice model for magneto-impedance sensors. International Journal of Circuit Theory and Applications, 2012, 40, 275-286.	2.0	4
126	Electrical Circuit Modeling of Sensor Magneto-Impedances With a Square-Root Frequency Dependence. IEEE Sensors Journal, 2018, 18, 623-628.	4.7	4

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127	Steering the synthesis of Fe ₃ O ₄ nanoparticles under sonication by using a fractional factorial design. <i>Materials Chemistry and Physics</i> , 2021, 270, 124760.	4.0	4
128	Coexistence of three structural and magnetic states of Fe in rapidly quenched samples: epitaxy effects in granular solids. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 187, 117-124.	2.3	3
129	Magnetic relaxation in melt-spun amorphous and nanocrystalline Mn-doped nanocrystalline alloy. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 2466-2468.	2.3	3
130	A Survey on the Mathematical Foundations of Axiomatic Entropy: Representability and Orderings. <i>Axioms</i> , 2018, 7, 29.	1.9	3
131	Effect of Annealing Temperature on Magnetic After-Effect in FeCuNbSiB Alloys. <i>European Physical Journal Special Topics</i> , 1996, 06, C8-549-C8-552.	0.2	3
132	Influence of atomic rearrangements on the magnetic properties of a thermally treated disordered Fe ₂₁ Pd ₇₉ alloy. <i>Journal of Non-Crystalline Solids</i> , 2001, 287, 96-99.	3.1	2
133	Thermal dependence of magneto-impedance in FeCrSiBCuNb nanocrystalline alloy. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 1853-1854.	2.3	2
134	Aging process of unipolar resistive switching in microscale cylindrical Fe-base alloy/TiO ₂ /Au-cells. <i>Journal of Applied Physics</i> , 2012, 112, 034507.	2.5	2
135	Characterization and modelling of Ag/TiO ₂ /ITO devices exhibiting bipolar memristive properties. , 2017, , .		2
136	Influence of the geometry on the performance of GMI in meander configuration. <i>Sensors and Actuators A: Physical</i> , 2022, 340, 113520.	4.1	2
137	Magnetic Bistability In As-cast Non-magnetostrictive Amorphous Wire. , 1993, , .		1
138	Influence of the structural disorder on the paramagnetic susceptibility of Pd. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 357-358.	2.3	1
139	Analysis of the nanocrystalline phase in Fe _{73.5} A _x Si _{13.5} B ₉ Cu ₁ Nb ₃ (A=Cr and Co) alloys. <i>Physica B: Condensed Matter</i> , 2004, 350, E135-E138.	2.7	1
140	Random anisotropy effects in soft magnetic nanocrystalline materials. <i>Physica B: Condensed Matter</i> , 2006, 372, 256-259.	2.7	1
141	Self-regulated magnetic induction heating Of Zn-Co ferrite nanoparticles. , 2015, , .		1
142	A novel magneto-impedance sensor model based on the zeros of Bessel functions. <i>International Journal of Circuit Theory and Applications</i> , 2015, 43, 2072-2080.	2.0	1
143	Influence of the fabrication conditions on the high frequency magnetic response of melt spun Fe _{73.5} Si _{13.5} B ₉ Nb ₃ Cu ₁ . <i>European Physical Journal Special Topics</i> , 1998, 08, Pr2-19-Pr2-22.	0.2	0
144	Torsional dependence of second harmonic amplitude of giant magnetoimpedance in FeCoSiB amorphous wire. , 0, , .		0

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145	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
146	Thermal dependence of magnetic properties in Fe-Co and Fe-Cr base nanocrystalline alloys. , 0, , .		0
147	A Spice model for magneto-impedance sensors. , 2009, , .		0
148	X-LAW3M 2013 Publication Chair Preface. IEEE Transactions on Magnetics, 2013, 49, 4486-4487.	2.1	0
149	Soft Magnetic Materials 21 Publication Chair's Preface. IEEE Transactions on Magnetics, 2014, 50, 1-2.	2.1	0
150	Magnetic properties of N and (Cr, N)-doped TiO ₂ nanoparticles. , 2015, , .		0
151	EMSA 2016 Publications Chair's Preface. IEEE Transactions on Magnetics, 2017, 53, 1-3.	2.1	0