

Hector Garcia-Miquel

List of Publications by Year in descending order

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29
papers

703
citations

567281

15
h-index

526287

27
g-index

29
all docs

29
docs citations

29
times ranked

589
citing authors

#	ARTICLE	IF	CITATIONS
1	KLT-Based Interrogation Technique for FBG Multiplexed Sensor Tracking. Journal of Lightwave Technology, 2017, 35, 3387-3392.	4.6	12
2	In-plane omnidirectional magnetic field sensor based on Giant Magneto Impedance (GMI). Journal of Magnetism and Magnetic Materials, 2017, 444, 249-255.	2.3	5
3	Magnetic actuator based on giant magnetostrictive material Terfenol-D with strain and temperature monitoring using FBG optical sensor. Measurement: Journal of the International Measurement Confederation, 2016, 80, 201-206.	5.0	48
4	DC and AC linear magnetic field sensor based on glass coated amorphous microwires with Giant Magnetoimpedance. Journal of Magnetism and Magnetic Materials, 2015, 378, 485-492.	2.3	23
5	Modulation of electromagnetic waves by alternating currents through left-handed ferromagnetic microwires. Journal of Applied Physics, 2012, 111, .	2.5	8
6	Left handed material based on amorphous ferromagnetic microwires tunable by dc current. Applied Physics Letters, 2010, 97, .	3.3	32
7	Double negative metamaterials based on ferromagnetic microwires. Physical Review B, 2010, 81, .	3.2	57
8	Experimental evidence of left handed transmission through arrays of ferromagnetic microwires. Applied Physics Letters, 2009, 94, .	3.3	36
9	Wide-angle magnetoimpedance field sensor based on two crossed amorphous ribbons. Sensors and Actuators A: Physical, 2008, 142, 496-502.	4.1	13
10	Low field microwave absorption and magnetization process in CoFeNi electroplated wires. Chinese Physics B, 2008, 17, 1430-1435.	1.4	9
11	Mössbauer spectroscopy studies of spin reorientations in amorphous and crystalline (Co _{0.2} Fe _{0.8}) _{72.5} Si _{12.5} B ₁₅ glass coated micro-wires. Journal of Magnetism and Magnetic Materials, 2007, 311, 555-559.	2.3	3
12	Magnetoimpedance Based Non-Oriented Field Sensor. Sensor Letters, 2007, 5, 180-184.	0.4	2
13	Magnetic properties of electroplated wires coated by ferrofluid. Journal of Magnetism and Magnetic Materials, 2006, 300, e55-e58.	2.3	3
14	Magnetic and structural properties of stoichiometric thin Fe ₃ Si ₈ . overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/co	2.3	20
15	Structural, magnetic, electronic, and spin transport properties of epitaxial Fe ₃ Si ₈ /GaAs(001). Physical Review B, 2005, 71, .	3.2	124
16	Ferromagnetic resonance in FeCoNi electroplated wires. Journal of Applied Physics, 2003, 94, 1868-1872.	2.5	28
17	Giant Magnetoimpedance Effect in Surface Modified CoFeMoSiB Amorphous Ribbons. Chinese Physics Letters, 2003, 20, 2246-2249.	3.3	11
18	Microwave magnetoabsorption in glass-coated amorphous microwires with radii close to skin depth. Journal of Applied Physics, 2002, 92, 2058-2063.	2.5	43

#	ARTICLE	IF	CITATIONS
19	Thermal hysteresis of microwave loss in $(\text{La}_{1-x}\text{Pr}_x)_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ films. Journal of Applied Physics, 2002, 91, 7736.	2.5	2
20	Longitudinal magnetic bistability of electroplated wires. Journal of Magnetism and Magnetic Materials, 2002, 249, 34-38.	2.3	19
21	Ferromagnetic resonance and antiresonance in glass-coated amorphous microwires. Journal of Magnetism and Magnetic Materials, 2002, 249, 274-277.	2.3	5
22	Propagation of domain walls in bistable amorphous wires and microwires. Journal of Non-Crystalline Solids, 2001, 287, 370-373.	3.1	6
23	Power absorption and ferromagnetic resonance in Co-rich metallic glasses. IEEE Transactions on Magnetics, 2001, 37, 561-564.	2.1	33
24	Ferromagnetic resonance in Co-rich glass-coated amorphous microwires. Physica B: Condensed Matter, 2001, 299, 225-229.	2.7	7
25	Surface magnetic anisotropy in glass-coated amorphous microwires as determined from ferromagnetic resonance measurements. Journal of Magnetism and Magnetic Materials, 2001, 231, 38-44.	2.3	21
26	Nonlinear Magnetoimpedance Effect in FeCoNi Ferromagnetic Tubes. Chinese Physics Letters, 2001, 18, 1268-1270.	3.3	13
27	Very large magnetoimpedance effect in FeCoNi ferromagnetic tubes with high order magnetic anisotropy. Journal of Applied Physics, 2001, 90, 6280-6286.	2.5	76
28	Study of magneto impedance effect in the microwave frequency range for soft magnetic wires and microwires. Sensors and Actuators A: Physical, 2000, 81, 78-81.	4.1	22
29	Domain wall propagation in bistable amorphous wires. Journal of Magnetism and Magnetic Materials, 2000, 212, 101-106.	2.3	22