Antonio Azevedo

List of Publications by Year
in descending order

155 papers	4,495 citations	109264 35 h-index	110317 64 g-index
155 all docs	155 docs citations	155 times ranked	3652 citing authors

#	Article	IF	Citations
1	Spin pumping and anisotropic magnetoresistance voltages in magnetic bilayers: Theory and experiment. Physical Review B, 2011, 83, .	1.1	325
2	Magnon spin-current theory for the longitudinal spin-Seebeck effect. Physical Review B, 2014, 89, .	1.1	253
3	dc effect in ferromagnetic resonance: Evidence of the spin-pumping effect?. Journal of Applied Physics, 2005, 97, 10C715.	1.1	221
4	Controlling chaos in spin-wave instabilities. Physical Review Letters, 1991, 66, 1342-1345.	2.9	180
5	Introduction to antiferromagnetic magnons. Journal of Applied Physics, 2019, 126, .	1.1	157
6	Large inverse spin Hall effect in the antiferromagnetic metal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>Ir</mml:mi></mml:mrow><mml:mn>20</mml:mn><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>Mn</mml:mi></mml:mrow><mml:mn>80</mml:mn>Physical Review B, 2014, 89, .	1.1	156
7	Detecting the phonon spin in magnonâ€“phonon conversion experiments. Nature Physics, 2018, 14, 500-506.	6.5	146
8	Spin-Current to Charge-Current Conversion and Magnetoresistance in a Hybrid Structure of Graphene and Yttrium Iron Garnet. Physical Review Letters, 2015, 115, 226601.	2.9	127
9	Diffusive magnonic spin transport in antiferromagnetic insulators. Physical Review B, 2016, 93, .	1.1	110
10	Studies of coupled metallic magnetic thin-film trilayers. Journal of Applied Physics, 1998, 84, 958-972.	1.1	107
11	Theory of the spin Seebeck effect in antiferromagnets. Physical Review B, 2016, 93, .	1.1	106
12	Anomalous spin-wave damping in exchange-biased films. Physical Review B, 2001, 63, .	1.1	100
13	Spin-Wave Theory for the Dynamics Induced by Direct Currents in Magnetic Multilayers. Physical Review Letters, 2005, 94, 037202.	2.9	96
14	Extrinsic contributions to spin-wave damping and renormalization in thinNi50Fe50films. Physical Review B, 2000, 62, 5331-5333.	1.1	95
15	Enhanced spin pumping damping in yttrium iron garnet/Pt bilayers. Applied Physics Letters, 2013, 102, 012402.	1.5	95
16	Amplification of Spin Waves by Thermal Spin-Transfer Torque. Physical Review Letters, 2011, 107, 197203.	2.9	84
17	Bulk magnon spin current theory for the longitudinal spin Seebeck effect. Journal of Magnetism and Magnetic Materials, 2016, 400, 171-177.	1.0	73
18	Biquadratic Exchange Coupling in Sputtered (100) Fe/Cr/Fe. Physical Review Letters, 1996, 76, 4837-4840.	2.9	71

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19	Amplification of spin waves in yttrium iron garnet films through the spin Hall effect. Applied Physics Letters, 2011, 99, .	1.5	69
20	Spin-flop transition in the easy-plane antiferromagnet nickel oxide. Physical Review B, 2017, 95, .	1.1	67
21	Ferromagnetic resonance linewidth and anisotropy dispersions in thin Fe films. Journal of Applied Physics, 1999, 85, 7316-7320.	1.1	60
22	Magnon Excitation by Spin Injection in ThinFe/Cr/FeFilms. Physical Review Letters, 2000, 84, 4212-4215.	2.9	57
23	Measurements of exchange anisotropy in NiFe/NiO films with different techniques. Journal of Applied Physics, 2000, 87, 6421-6423.	1.1	54
24	Magnon excitation by spin-polarized direct currents in magnetic nanostructures. Physical Review B, 2006, 73, .	1.1	53
25	Unidirectional anisotropy in the spin pumping voltage in yttrium iron garnet/platinum bilayers. Applied Physics Letters, 2011, 99, 102505.	1.5	53
26	Magnetic properties of nanocrystalline Niâ€“Zn ferrites doped with samarium. Physica B: Condensed Matter, 2006, 384, 97-99.	1.3	51
27	Spin Seebeck effect in the antiferromagnet nickel oxide at room temperature. Applied Physics Letters, 2017, 111, .	1.5	47
28	Dirac-surface-state-dominated spin to charge current conversion in the topological insulator () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 407 /><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Te</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:. Physical Review B, 2017, 9	1.1	47
29	Magnetic relaxation due to spin pumping in thick ferromagnetic films in contact with normal metals. Physical Review B, 2013, 88, .	1.1	46
30	Exchange bias through a Cu interlayer in anIrMnâ•Cosystem. Physical Review B, 2007, 75, .	1.1	44
31	Critical thickness investigation of magnetic properties in exchange-coupled bilayers. Physical Review B, 2011, 83, .	1.1	43
32	Longitudinal spin Seebeck effect in permalloy separated from the anomalous Nernst effect: Theory and experiment. Physical Review B, 2017, 95, .	1.1	43
33	Thermal properties of magnons and the spin Seebeck effect in yttrium iron garnet/normal metal hybrid structures. Physical Review B, 2014, 89, .	1.1	41
34	Efficient spin to charge current conversion in the 2D semiconductor MoS2 by spin pumping from yttrium iron garnet. Applied Physics Letters, 2018, 112, .	1.5	41
35	Electrical detection of ferromagnetic resonance in single layers of permalloy: Evidence of magnonic charge pumping. Physical Review B, 2015, 92, .	1.1	39
36	Magnon diffusion theory for the spin Seebeck effect in ferromagnetic and antiferromagnetic insulators. Journal Physics D: Applied Physics, 2018, 51, 174004.	1.3	35

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37	Deposition of garnet thin films by metallo-organic decomposition (MOD). IEEE Transactions on Magnetics, 1994, 30, 4416-4418.	1.2	33
38	Thickness dependence of the magnetic anisotropy and dynamic magnetic response of ferromagnetic NiFe films. Journal Physics D: Applied Physics, 2017, 50, 185001.	1.3	32
39	Effective field investigation in arrays of polycrystalline ferromagnetic nanowires. Journal of Applied Physics, 2008, 103, .	1.1	31
40	Tunable misalignment of ferromagnetic and antiferromagnetic easy axes in exchange biased bilayers. Applied Physics Letters, 2012, 100, .	1.5	31
41	Mode Locking of Spin Waves Excited by Direct Currents in Microwave Nano-oscillators. Physical Review Letters, 2007, 98, 087202.	2.9	30
42	Competing spin pumping effects in magnetic hybrid structures. Applied Physics Letters, 2014, 104, 052402.	1.5	30
43	Characterization of strange attractors in spin-wave chaos. Physical Review B, 1989, 39, 9448-9452.	1.1	29
44	Giant magnetoimpedance effect in a thin-film multilayer meander-like sensor. Journal of Applied Physics, 2017, 121, .	1.1	27
45	Magnetic trilayers with bilinear and biquadratic exchange couplings: Criteria for the measurement ofJ1andJ2. Physical Review B, 1998, 58, 101-104.	1.1	26
46	Biquadratic coupling in sputtered Fe/Cr/Fe still in need of a new mechanism. Journal of Applied Physics, 1999, 85, 5892-5894.	1.1	26
47	Magnetization reversal in permalloy ferromagnetic nanowires investigated with magnetoresistance measurements. Physical Review B, 2008, 78, .	1.1	26
48	Nonlinear refraction properties of nickel oxide thin films at 800 nm. Journal of Applied Physics, 2009, 106, .	1.1	23
49	Enhancement of spin wave excitation by spin currents due to thermal gradient and spin pumping in yttrium iron garnet/Pt. Applied Physics Letters, 2013, 102, .	1.5	23
50	Controlling the relaxation of propagating spin waves in yttrium iron garnet/Pt bilayers with thermal gradients. Physical Review B, 2013, 87, .	1.1	23
51	Exchange anisotropy and spin-wave damping in CoFe/IrMn bilayers. Journal of Applied Physics, 2003, 93, 7717-7719.	1.1	22
52	Direct detection of induced magnetic moment and efficient spin-to-charge conversion in graphene/ferromagnetic structures. Physical Review B, 2019, 99, .	1.1	22
53	Self-oscillations in spin-wave instabilities. Physical Review B, 1992, 45, 10387-10398.	1.1	20
54	Ferromagnetic resonance investigation of the residual coupling in spin-valve systems. Physical Review B, 2005, 71, .	1.1	20

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55	Spin to charge current conversion by the inverse spin Hall effect in the metallic antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">M</mml:mi><mml:msub><mml:mi mathvariant="normal">n</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>Au</mml:mi></mml:mrow></mml:math> at room temperature. Physical Review B, 2018, 98, .	1.1	20
56	Giant spin-charge conversion driven by nanoscopic particles of Ag in Pt. Physical Review B, 2017, 96, .	1.1	19
57	Observation of magnons in Mn2Au films by inelastic Brillouin and Raman light scattering. Applied Physics Letters, 2017, 111, .	1.5	19
58	Spin Seebeck effect in antiferromagnet nickel oxide in wide ranges of temperature and magnetic field. Physical Review B, 2019, 99, .	1.1	19
59	Efficient spin transport through polyaniline. Physical Review B, 2017, 95, .	1.1	18
60	Magnetic properties of Fe films epitaxially grown on Cr/GaAs(100) by dc magnetron sputtering. Applied Physics Letters, 1998, 72, 2760-2762.	1.5	17
61	Simultaneous spin pumping and spin Seebeck experiments with thermal control of the magnetic damping in bilayers of yttrium iron garnet and heavy metals: YIG/Pt and YIG/IrMn. Physical Review B, 2017, 95, .	1.1	17
62	Possible Interplay Between Intrinsic and Extrinsic Ferromagnetic Damping Mechanisms. IEEE Transactions on Magnetics, 2010, 46, 2293-2296.	1.2	16
63	Optical and structural characterization of iron oxide and cobalt oxide thin films at 800Ânm. Applied Physics B: Lasers and Optics, 2013, 111, 313-321.	1.1	16
64	Dipolar narrowing of ferromagnetic resonance lines. Physical Review B, 1991, 44, 7062-7065.	1.1	15
65	Spin current injection by spin Seebeck and spin pumping effects in yttrium iron garnet/Pt structures. Journal of Applied Physics, 2012, 111, .	1.1	15
66	Spinâ€wave autoâ€oscillations still in need of a good model. Journal of Applied Physics, 1990, 67, 5624-5626.	1.1	14
67	Exchange anisotropy determined by magnetic field dependence of ac susceptibility. Journal of Applied Physics, 2003, 94, 4544-4550.	1.1	14
68	Nonlinear dynamics of three-magnon process driven by ferromagnetic resonance in yttrium iron garnet. Applied Physics Letters, 2015, 106, .	1.5	14
69	Unveiling the spin-to-charge current conversion signal in the topological insulator <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> by means of spin pumping experiments. Physical Review Materials, 2021, 5, .	2.9	14
70	Giant Zeeman shifts in the optical transitions of yttrium iron garnet thin films. Applied Physics Letters, 2016, 109, 122402.	1.5	13
71	High-resolution Brillouin light scattering and angle-dependent 9.4-GHz ferromagnetic resonance in MBE-grown Fe/Cr/Fe on GaAs. Physical Review B, 1997, 55, 8071-8074.	1.1	12
72	Exchange-bias phenomena and modeling in nanocrystalline powders of MnO/FeCo and NiO/Fe. Journal of Applied Physics, 2005, 97, 10K103.	1.1	12

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73	Inverse spin Hall effect in the semiconductor (Ga,Mn)As at room temperature. Physical Review B, 2017, 95, .	1.1	12
74	Theory of a two-mode spin torque nanooscillator. Physical Review B, 2007, 75, .	1.1	11
75	Evidence of phonon pumping by magnonic spin currents. Applied Physics Letters, 2021, 118, 022409.	1.5	11
76	Laser-wavelength dependence of the picosecond ultrasonic response of a NiFe/NiO/Si structure. Physical Review B, 2002, 66, .	1.1	10
77	Substrate dependent ultrafast dynamics in thin NiFe films. Applied Physics Letters, 2003, 83, 1767-1769.	1.5	10
78	Addition and subtraction of spin pumping voltages in magnetic hybrid structures. Applied Physics Letters, 2014, 104, 152408.	1.5	10
79	Anisotropic magnetoresistance and anomalous Nernst effect in exchange biased permalloy/(1 0 0) NiO single-crystal. Journal of Magnetism and Magnetic Materials, 2017, 432, 507-510.	1.0	10
80	Rotatable anisotropy on ferromagnetic/antiferromagnetic bilayer investigated by Brillouin light scattering. Journal of Applied Physics, 2018, 123, .	1.1	10
81	Magnon-mediated spin currents in Tm3Fe5O12/Pt with perpendicular magnetic anisotropy. Applied Physics Letters, 2020, 117, .	1.5	10
82	Biquadratic exchange coupling in sputtered Fe/Cr/Fe(100) sandwich structures. Journal of Applied Physics, 1997, 81, 3791-3793.	1.1	9
83	Biquadratic coupling dependence on spacer layer thickness for Fe/Cr/Fe. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 1177-1178.	1.0	9
84	Exchange anisotropy in NiFe films on (100) NiO single-crystal substrate. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1683-1685.	1.0	9
85	Angular dependence of hysteresis shift in oblique deposited ferromagnetic/antiferromagnetic coupled bilayers. Journal of Applied Physics, 2014, 116, 033910.	1.1	9
86	Spinâ€wave selfâ€oscillations: Experimental verification of the twoâ€mode origin (invited). Journal of Applied Physics, 1993, 73, 6805-6810.	1.1	8
87	Magnetic properties of Nd/Fe double layers grown on Si(111) by electron beam evaporation. Journal of Applied Physics, 1998, 83, 4869-4873.	1.1	8
88	Spin-glass and random-field effects in exchange-biased NiFe film on a NiO single-crystal substrate. Journal of Applied Physics, 2002, 91, 7754.	1.1	8
89	Interplay between magnetic interactions in spin-valve structures. Journal of Applied Physics, 2006, 99, 08R506.	1.1	8
90	Submicron fabrication by local anodic oxidation of germanium thin films. Nanotechnology, 2009, 20, 345301.	1.3	8

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91	Magneticâ€fieldâ€induced intermittency in spinâ€wave experiments. Journal of Applied Physics, 1993, 73, 6825-6827.	1.1	7
92	Study of magnetic properties in ball-milled MnFeCo. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1211-E1213.	1.0	7
93	Direct current voltage generated in metallic layers by spin pumping. Journal of Applied Physics, 2011, 109, .	1.1	7
94	Amplification of spin waves by the spin Seebeck effect. Journal of Applied Physics, 2012, 111, 07D504.	1.1	7
95	Brillouin light scattering and ferromagnetic resonance in trilayers with bilinear and biquadratic exchange coupling. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 1213-1215.	1.0	6
96	Magnetization relaxation in sputtered thin permalloy films. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E795-E796.	1.0	6
97	Homogeneous growth of antidot structures electrodeposited on Si by nanosphere lithography. Journal of Applied Physics, 2008, 103, 114306.	1.1	6
98	Structure and magnetic properties of hexagonal arrays of ferromagnetic nanowires. Journal of Applied Physics, 2009, 105, 07B525.	1.1	6
99	Organizing centers of bifurcations in spinâ€wave instabilities (invited). Journal of Applied Physics, 1991, 69, 5430-5435.	1.1	5
100	Magnetic properties of praseodymiumâ€substituted iron garnet films. Journal of Applied Physics, 1993, 74, 7450-7453.	1.1	5
101	Nonlinear dynamics of spin-injected magnons in magnetic nanostructures. Journal of Applied Physics, 2002, 91, 8046.	1.1	5
102	Dual pumping of magnetostatic and spin-wave modes in yttriumâ€“ironâ€“garnet spheres. Journal of Applied Physics, 2003, 93, 8752-8754.	1.1	5
103	Hysteresis modeling of anisotropic and isotropic nanocrystalline hard magnetic films. Journal of Applied Physics, 2003, 93, 6623-6625.	1.1	5
104	On the controversial measurements of the exchange-bias field in magnetic bilayers. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1212-1214.	1.0	5
105	Thermal control of the spin pumping damping in ferromagnetic/normal metal interfaces. Physical Review B, 2014, 89, .	1.1	5
106	Unraveling intricate properties of exchange-coupled bilayers by means of broadband ferromagnetic resonance and spin pumping experiments. Physical Review B, 2020, 102, .	1.1	5
107	Brillouin light scattering and ferromagnetic resonance in sputtered NiFe/Cu/NiFe thin films. Journal of Applied Physics, 1997, 81, 4770-4772.	1.1	4
108	Observation of mixed-mode oscillations in spin-wave experiments. Journal of Applied Physics, 1999, 85, 5086-5087.	1.1	4

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109	Temperature dependence of the interfilm magnetic interaction in Fe/Cr/Fe trilayers. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1770-1772.	1.0	4
110	Three-layer model for exchange anisotropy. Physical Review B, 2002, 66, .	1.1	4
111	Spin-wave Theory for the Magnetic Damping in Microwave Nano-Oscillators. Journal of Superconductivity and Novel Magnetism, 2010, 23, 33-35.	0.8	4
112	The role of metallic nanoparticles in the enhancement of the spin Hall magnetoresistance in YIG/Pt thin films. Journal of Magnetism and Magnetic Materials, 2018, 466, 267-272.	1.0	4
113	Investigation of large enhancement of spin hall angle in heterostructures of Ag nanoparticles randomly grown in Pt. AIP Advances, 2019, 9, 035025.	0.6	4
114	Magnetic properties of Ti/Fe double layers grown on MgO(100) by direct current magnetron sputtering. Journal of Applied Physics, 1999, 85, 4943-4945.	1.1	3
115	Effects of the magneto-crystalline anisotropy on the magnetic properties of Fe/Cr/Fe (110) trilayer. European Physical Journal B, 2004, 39, 527-533.	0.6	3
116	Magnetization reversal in single ferromagnetic rectangular nanowires. Journal of Physics: Conference Series, 2010, 200, 072023.	0.3	3
117	High-resolution electron microscopy in spin pumping NiFe/Pt interfaces. Journal of Applied Physics, 2015, 117, .	1.1	3
118	Spin current detection in antiferromagnetic CuMnAs. Applied Physics Letters, 2019, 115, .	1.5	3
119	Magnon dispersion relations in the noncollinear antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>IrMn</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> Physical Review B, 2020, 102, .	1.1	3
120	Twofold and fourfold anisotropies in zinc ferrite thin films investigated by ferromagnetic resonance. Physical Review B, 2022, 105, .	1.1	3
121	Spatial distribution of magnetostatic modes in a thin YIG slab. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 1039-1040.	1.0	2
122	Spin-wave experiments: Simultaneous pumping revisited. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 844-845.	1.0	2
123	Brillouin light scattering by current driven magnons in Fe/Cr/Fe. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1705-1707.	1.0	2
124	Brillouin light scattering in CMR manganite films. Physica B: Condensed Matter, 2002, 320, 119-121.	1.3	2
125	Spin wave instability in simultaneous orthogonal and parallel pumping. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1003-1004.	1.0	2
126	Ferromagnetic resonance dispersion relation of spin valve systems. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 3593-3596.	0.8	2

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127	Frequency shift of spin waves in tunnel-junction spin-transfer nano-oscillators. Physical Review B, 2010, 82, .	1.1	2
128	Hydrogen detection using surface plasmon resonance on palladium-siloxane films. , 2011, , .		2
129	Strong magnetization damping induced by Ag nanostructures in Ag/NiFe/Ag trilayers. Journal of Applied Physics, 2013, 114, 023905.	1.1	2
130	Physical origins of the magnetoresistance of platinum in contact with polycrystalline antiferromagnetic NiO. Journal of Magnetism and Magnetic Materials, 2019, 475, 586-592.	1.0	2
131	Thermally driven magnon valve with perpendicular magnetic anisotropy. Applied Physics Letters, 2022, 120, 082402.	1.5	2
132	Investigation of the GMI effect in multilayered sensing elements deposited over silicon and glass substrates. Journal of Magnetism and Magnetic Materials, 2022, 560, 169678.	1.0	2
133	Bifurcations, chaos and control of chaos in spin-wave instabilities. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 1041-1042.	1.0	1
134	Controlling spinâ€wave chaos. Journal of Applied Physics, 1994, 75, 5613-5615.	1.1	1
135	Thermal and structural properties of the MY750 Epoxy diluted with xylene. Solid State Communications, 1995, 95, 781-785.	0.9	1
136	Transient spin-wave intermittency. Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1933-1934.	1.0	1
137	Magnetic Multilayers: Interlayer Coupling in Fe/Cr/Fe. Materials Science Forum, 1999, 302-303, 64-75.	0.3	1
138	Characterization of spin-wave dynamics near homoclinic orbits through one-dimensional mapping. Journal of Applied Physics, 2000, 87, 6917-6919.	1.1	1
139	Effect of Al overlayers on the magnetic properties of Fe thin films. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1621-1623.	1.0	1
140	Test of the domain wall model on ferromagnetic resonance in NiFe/NiO exchange biased films. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 1681-1682.	1.0	1
141	Magnetic properties of ultrathin Fe/Cr/Fe (110) magnetic metallic trilayers. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, S263-S267.	0.8	1
142	Spin-wave excitation by direct current in obliquely magnetized nanostructures. Journal of Magnetism and Magnetic Materials, 2009, 321, 2596-2600.	1.0	1
143	Magnetic properties of Y3â^'xâ^'yPrxLuyFe5O12 garnet films. Journal of Applied Physics, 1994, 75, 6763-6765.	1.1	0
144	Magnetic Properties of Ti/Fe Double Layers Grown on MgO(100) by DC Magnetron Sputtering. Materials Science Forum, 1999, 302-303, 81-85.	0.3	0

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145	Linear and Nonlinear Excitation of Magnons by Electron Spin Injection in Thin Ferromagnetic Films. Physica Status Solidi A, 2001, 187, 227-238.	1.7	0
146	Spin-wave alternating periodicâ€“chaotic dynamics. Journal of Magnetism and Magnetic Materials, 2001, 226-230, 524-526.	1.0	0
147	Ultrafast electron transport in thin NiFe films on NiO. , 0, , .		0
148	Experimental test of macroscopic models for exchange anisotropy in FM/AF bilayers. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 321-322.	1.0	0
149	Evaluation of the Morphology and Magnetic Properties of Cr³⁺- Doped Ni-Zn Ferrites. Materials Science Forum, 2008, 591-593, 120-124.	0.3	0
150	Wavelength and Pd Thickness Optimization for SPR-based Hydrogen Sensors. , 2009, , .		0
151	Perturbative measurement of magnetoresistance. Review of Scientific Instruments, 2018, 89, 125115.	0.6	0
152	Half-wave rectification of ac-magnetic-field effects by mixing thermal spin and charge currents in a NiO/Pt nanostructure. Applied Physics Letters, 2019, 115, 062402.	1.5	0
153	Laser-induced Magnetization Precession in Thin Films of Fe/MgO and Py/Si. , 2010, , .		0
154	CHARACTERIZATION OF CHAOS IN SPIN WAVE TURBULENCE. Journal De Physique Colloque, 1988, 49, C8-1605-C8-1606.	0.2	0
155	Efficient and controlled manipulation of the spin Hall angle in Ptâ€“Ag interface. Applied Physics Letters, 2022, 120, 242402.	1.5	0