

Sergio M Rezende

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

211
papers

5,145
citations

41
h-index

64
g-index

223
ext. papers

5,735
ext. citations

3.2
avg, IF

5.8
L-index

#	Paper	IF	Citations
211	Thermally driven magnon valve with perpendicular magnetic anisotropy. <i>Applied Physics Letters</i> , 2022 , 120, 082402	3.4	0
210	Theory for phonon pumping by magnonic spin currents. <i>Physical Review B</i> , 2021 , 103,	3.3	1
209	Unveiling the spin-to-charge current conversion signal in the topological insulator Bi ₂ Se ₃ by means of spin pumping experiments. <i>Physical Review Materials</i> , 2021 , 5,	3.2	6
208	Rashba-Edelstein magnetoresistance in two-dimensional materials at room temperature. <i>Physical Review B</i> , 2021 , 104,	3.3	1
207	Evidence of phonon pumping by magnonic spin currents. <i>Applied Physics Letters</i> , 2021 , 118, 022409	3.4	1
206	Magnon-mediated spin currents in Tm ₃ Fe ₅ O ₁₂ /Pt with perpendicular magnetic anisotropy. <i>Applied Physics Letters</i> , 2020 , 117, 122412	3.4	3
205	Thermal transport in yttrium iron garnet at very high magnetic fields. <i>Physical Review B</i> , 2020 , 101,	3.3	2
204	Magnon Spintronics. <i>Lecture Notes in Physics</i> , 2020 , 287-352	0.8	
203	Magnons in Antiferromagnets. <i>Lecture Notes in Physics</i> , 2020 , 187-222	0.8	
202	Magnonics in Ferromagnetic Films. <i>Lecture Notes in Physics</i> , 2020 , 135-186	0.8	
201	Spin Waves in Ferromagnets: Semiclassical Approach. <i>Lecture Notes in Physics</i> , 2020 , 31-70	0.8	
200	The Zero Wave Number Magnon: Ferromagnetic Resonance. <i>Lecture Notes in Physics</i> , 2020 , 1-30	0.8	0
199	Bose-Einstein Condensation of Magnons. <i>Lecture Notes in Physics</i> , 2020 , 259-285	0.8	
198	Magnon Excitation and Nonlinear Dynamics. <i>Lecture Notes in Physics</i> , 2020 , 223-258	0.8	
197	Quantum Theory of Spin Waves: Magnons. <i>Lecture Notes in Physics</i> , 2020 , 71-134	0.8	
196	Fundamentals of Magnonics. <i>Lecture Notes in Physics</i> , 2020 ,	0.8	36
195	Unraveling intricate properties of exchange-coupled bilayers by means of broadband ferromagnetic resonance and spin pumping experiments. <i>Physical Review B</i> , 2020 , 102,	3.3	1

194	Magnon dispersion relations in the noncollinear antiferromagnet IrMn ₃ . <i>Physical Review B</i> , 2020 , 102,	3.3	1
193	Spin Seebeck effect in antiferromagnet nickel oxide in wide ranges of temperature and magnetic field. <i>Physical Review B</i> , 2019 , 99,	3.3	14
192	Investigation of large enhancement of spin hall angle in heterostructures of Ag nanoparticles randomly grown in Pt. <i>AIP Advances</i> , 2019 , 9, 035025	1.5	3
191	Half-wave rectification of ac-magnetic-field effects by mixing thermal spin and charge currents in a NiO/Pt nanostructure. <i>Applied Physics Letters</i> , 2019 , 115, 062402	3.4	
190	Direct detection of induced magnetic moment and efficient spin-to-charge conversion in graphene/ferromagnetic structures. <i>Physical Review B</i> , 2019 , 99,	3.3	10
189	Introduction to antiferromagnetic magnons. <i>Journal of Applied Physics</i> , 2019 , 126, 151101	2.5	61
188	Spin current detection in antiferromagnetic CuMnAs. <i>Applied Physics Letters</i> , 2019 , 115, 182407	3.4	2
187	Rotatable anisotropy on ferromagnetic/antiferromagnetic bilayer investigated by Brillouin light scattering. <i>Journal of Applied Physics</i> , 2018 , 123, 043901	2.5	3
186	Detecting the phonon spin in magnon-phonon conversion experiments. <i>Nature Physics</i> , 2018 , 14, 500-506	6.2	91
185	Magnon diffusion theory for the spin Seebeck effect in ferromagnetic and antiferromagnetic insulators. <i>Journal Physics D: Applied Physics</i> , 2018 , 51, 174004	3	24
184	Efficient spin to charge current conversion in the 2D semiconductor MoS ₂ by spin pumping from yttrium iron garnet. <i>Applied Physics Letters</i> , 2018 , 112, 242407	3.4	31
183	Spin to charge current conversion by the inverse spin Hall effect in the metallic antiferromagnet Mn ₂ Au at room temperature. <i>Physical Review B</i> , 2018 , 98,	3.3	9
182	Efficient spin transport through polyaniline. <i>Physical Review B</i> , 2017 , 95,	3.3	16
181	Thickness dependence of the magnetic anisotropy and dynamic magnetic response of ferromagnetic NiFe films. <i>Journal Physics D: Applied Physics</i> , 2017 , 50, 185001	3	23
180	Spin-flop transition in the easy-plane antiferromagnet nickel oxide. <i>Physical Review B</i> , 2017 , 95,	3.3	44
179	Spin Seebeck effect in the antiferromagnet nickel oxide at room temperature. <i>Applied Physics Letters</i> , 2017 , 111, 172405	3.4	36
178	Giant spin-charge conversion driven by nanoscopic particles of Ag in Pt. <i>Physical Review B</i> , 2017 , 96,	3.3	16
177	Dirac-surface-state-dominated spin to charge current conversion in the topological insulator (Bi _{0.22} Sb _{0.78}) ₂ Te ₃ films at room temperature. <i>Physical Review B</i> , 2017 , 96,	3.3	34

176	Inverse spin Hall effect in the semiconductor (Ga,Mn)As at room temperature. <i>Physical Review B</i> , 2017 , 95,	3.3	11
175	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. <i>Physical Review B</i> , 2017 , 95,	3.3	11
174	Longitudinal spin Seebeck effect in permalloy separated from the anomalous Nernst effect: Theory and experiment. <i>Physical Review B</i> , 2017 , 95,	3.3	32
173	Observation of magnons in Mn ₂ Au films by inelastic Brillouin and Raman light scattering. <i>Applied Physics Letters</i> , 2017 , 111, 192409	3.4	13
172	Bulk magnon spin current theory for the longitudinal spin Seebeck effect. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 400, 171-177	2.8	63
171	Theory of the spin Seebeck effect in antiferromagnets. <i>Physical Review B</i> , 2016 , 93,	3.3	77
170	Diffusive magnonic spin transport in antiferromagnetic insulators. <i>Physical Review B</i> , 2016 , 93,	3.3	84
169	GMI in the reentrant spin-glass Fe ₉₀ Zr ₁₀ alloy: Investigation of the spin dynamics in the MHz frequency regime. <i>Applied Physics Letters</i> , 2016 , 109, 102404	3.4	6
168	Giant Zeeman shifts in the optical transitions of yttrium iron garnet thin films. <i>Applied Physics Letters</i> , 2016 , 109, 122402	3.4	7
167	Thermal properties of magnons in yttrium iron garnet at elevated magnetic fields. <i>Physical Review B</i> , 2015 , 91,	3.3	17
166	High-resolution electron microscopy in spin pumping NiFe/Pt interfaces. <i>Journal of Applied Physics</i> , 2015 , 117, 17D910	2.5	2
165	Nonlinear dynamics of three-magnon process driven by ferromagnetic resonance in yttrium iron garnet. <i>Applied Physics Letters</i> , 2015 , 106, 192403	3.4	11
164	Electrical detection of ferromagnetic resonance in single layers of permalloy: Evidence of magnonic charge pumping. <i>Physical Review B</i> , 2015 , 92,	3.3	31
163	Magnon-phonon interconversion in a dynamically reconfigurable magnetic material. <i>Physical Review B</i> , 2015 , 92,	3.3	24
162	Spin-Current to Charge-Current Conversion and Magnetoresistance in a Hybrid Structure of Graphene and Yttrium Iron Garnet. <i>Physical Review Letters</i> , 2015 , 115, 226601	7.4	104
161	Sustained magnetization oscillations in polyaniline-Fe ₃ O ₄ nanocomposites. <i>Journal of Chemical Physics</i> , 2015 , 143, 124706	3.9	2
160	Magnon spin-current theory for the longitudinal spin-Seebeck effect. <i>Physical Review B</i> , 2014 , 89,	3.3	213
159	Competing spin pumping effects in magnetic hybrid structures. <i>Applied Physics Letters</i> , 2014 , 104, 052403	3.4	30

158	Thermal control of the spin pumping damping in ferromagnetic/normal metal interfaces. <i>Physical Review B</i> , 2014 , 89,	3.3	4
157	Angular dependence of hysteresis shift in oblique deposited ferromagnetic/antiferromagnetic coupled bilayers. <i>Journal of Applied Physics</i> , 2014 , 116, 033910	2.5	9
156	Large inverse spin Hall effect in the antiferromagnetic metal Ir ₂₀ Mn ₈₀ . <i>Physical Review B</i> , 2014 , 89,	3.3	131
155	Thermal properties of magnons and the spin Seebeck effect in yttrium iron garnet/normal metal hybrid structures. <i>Physical Review B</i> , 2014 , 89,	3.3	31
154	Addition and subtraction of spin pumping voltages in magnetic hybrid structures. <i>Applied Physics Letters</i> , 2014 , 104, 152408	3.4	7
153	Magnetic anisotropy of antiferromagnetic RbMnF ₃ . <i>Physical Review B</i> , 2014 , 90,	3.3	7
152	Magnetic relaxation due to spin pumping in thick ferromagnetic films in contact with normal metals. <i>Physical Review B</i> , 2013 , 88,	3.3	43
151	Enhanced spin pumping damping in yttrium iron garnet/Pt bilayers. <i>Applied Physics Letters</i> , 2013 , 102, 012402	3.4	84
150	Magnon Coherent States and Condensates. <i>Topics in Applied Physics</i> , 2013 , 39-56	0.5	2
149	Enhancement of spin wave excitation by spin currents due to thermal gradient and spin pumping in yttrium iron garnet/Pt. <i>Applied Physics Letters</i> , 2013 , 102, 012401	3.4	22
148	Controlling the relaxation of propagating spin waves in yttrium iron garnet/Pt bilayers with thermal gradients. <i>Physical Review B</i> , 2013 , 87,	3.3	19
147	Strong magnetization damping induced by Ag nanostructures in Ag/NiFe/Ag trilayers. <i>Journal of Applied Physics</i> , 2013 , 114, 023905	2.5	2
146	Spin current injection by spin Seebeck and spin pumping effects in yttrium iron garnet/Pt structures. <i>Journal of Applied Physics</i> , 2012 , 111, 07C513	2.5	14
145	Tunable misalignment of ferromagnetic and antiferromagnetic easy axes in exchange biased bilayers. <i>Applied Physics Letters</i> , 2012 , 100, 242406	3.4	28
144	Amplification of spin waves by the spin Seebeck effect. <i>Journal of Applied Physics</i> , 2012 , 111, 07D504	2.5	6
143	Amplification of spin waves in yttrium iron garnet films through the spin Hall effect. <i>Applied Physics Letters</i> , 2011 , 99, 192511	3.4	62
142	Critical thickness investigation of magnetic properties in exchange-coupled bilayers. <i>Physical Review B</i> , 2011 , 83,	3.3	38
141	Direct current voltage generated in metallic layers by spin pumping. <i>Journal of Applied Physics</i> , 2011 , 109, 07C910	2.5	7

140	Spin pumping and anisotropic magnetoresistance voltages in magnetic bilayers: Theory and experiment. <i>Physical Review B</i> , 2011 , 83,	3.3	282
139	Amplification of spin waves by thermal spin-transfer torque. <i>Physical Review Letters</i> , 2011 , 107, 197203	7.4	68
138	Unidirectional anisotropy in the spin pumping voltage in yttrium iron garnet/platinum bilayers. <i>Applied Physics Letters</i> , 2011 , 99, 102505	3.4	50
137	Quantum coherence in spin-torque nano-oscillators. <i>Physical Review B</i> , 2010 , 81,	3.3	4
136	Wave function of a microwave-driven Bose-Einstein magnon condensate. <i>Physical Review B</i> , 2010 , 81,	3.3	14
135	Frequency shift of spin waves in tunnel-junction spin-transfer nano-oscillators. <i>Physical Review B</i> , 2010 , 82,	3.3	2
134	Magnetization reversal in single ferromagnetic rectangular nanowires. <i>Journal of Physics: Conference Series</i> , 2010 , 200, 072023	0.3	1
133	Specific heat of the dilute antiferromagnetic system $\text{Fe}_x\text{Zn}_{1-x}\text{F}_2$. <i>Journal of Physics: Conference Series</i> , 2010 , 200, 032069	0.3	3
132	Theory of Bose-Einstein condensation in a microwave-driven interacting magnon gas. <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 164211	1.8	5
131	Spin-wave Theory for the Magnetic Damping in Microwave Nano-Oscillators. <i>Journal of Superconductivity and Novel Magnetism</i> , 2010 , 23, 33-35	1.5	4
130	Theory of microwave superradiance from a Bose-Einstein condensate of magnons. <i>Physical Review B</i> , 2009 , 79,	3.3	16
129	Theory of coherence in Bose-Einstein condensation phenomena in a microwave-driven interacting magnon gas. <i>Physical Review B</i> , 2009 , 79,	3.3	79
128	Structure and magnetic properties of hexagonal arrays of ferromagnetic nanowires. <i>Journal of Applied Physics</i> , 2009 , 105, 07B525	2.5	5
127	Crossover behavior in the phase transition of the Bose-Einstein condensation in a microwave-driven magnon gas. <i>Physical Review B</i> , 2009 , 80,	3.3	4
126	Magnetization reversal in permalloy ferromagnetic nanowires investigated with magnetoresistance measurements. <i>Physical Review B</i> , 2008 , 78,	3.3	19
125	Effective field investigation in arrays of polycrystalline ferromagnetic nanowires. <i>Journal of Applied Physics</i> , 2008 , 103, 07D506	2.5	23
124	Avaliação da microestrutura e das propriedades magnéticas de ferritas Ni-Zn dopadas com cobre. <i>Cerâmica</i> , 2008 , 54, 55-62	1	7
123	Mode locking of spin waves excited by direct currents in microwave nano-oscillators. <i>Physical Review Letters</i> , 2007 , 98, 087202	7.4	24

122	Theory of a two-mode spin torque nanooscillator. <i>Physical Review B</i> , 2007 , 75,	3.3	10
121	Magnon excitation by spin-polarized direct currents in magnetic nanostructures. <i>Physical Review B</i> , 2006 , 73,	3.3	48
120	Interplay between magnetic interactions in spin-valve structures. <i>Journal of Applied Physics</i> , 2006 , 99, 08R506	2.5	8
119	Spin-wave theory for the dynamics induced by direct currents in magnetic multilayers. <i>Physical Review Letters</i> , 2005 , 94, 037202	7.4	91
118	Ferromagnetic resonance dispersion relation of spin valve systems. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005 , 2, 3593-3596		2
117	Exchange-bias phenomena and modeling in nanocrystalline powders of MnO/FeCo and NiO/Fe. <i>Journal of Applied Physics</i> , 2005 , 97, 10K103	2.5	12
116	dc effect in ferromagnetic resonance: Evidence of the spin-pumping effect?. <i>Journal of Applied Physics</i> , 2005 , 97, 10C715	2.5	184
115	Ferromagnetic resonance investigation of the residual coupling in spin-valve systems. <i>Physical Review B</i> , 2005 , 71,	3.3	20
114	Dual pumping of magnetostatic and spin-wave modes in yttrium-iron-garnet spheres. <i>Journal of Applied Physics</i> , 2003 , 93, 8752-8754	2.5	3
113	Exchange anisotropy determined by magnetic field dependence of ac susceptibility. <i>Journal of Applied Physics</i> , 2003 , 94, 4544-4550	2.5	14
112	Hysteresis modeling of anisotropic and isotropic nanocrystalline hard magnetic films. <i>Journal of Applied Physics</i> , 2003 , 93, 6623-6625	2.5	4
111	Exchange anisotropy and spin-wave damping in CoFe/IrMn bilayers. <i>Journal of Applied Physics</i> , 2003 , 93, 7717-7719	2.5	21
110	Spin Damping in Ultrathin Magnetic Films 2003 , 27-59		28
109	Spin-glass and random-field effects in exchange-biased NiFe film on a NiO single-crystal substrate. <i>Journal of Applied Physics</i> , 2002 , 91, 7754	2.5	8
108	Microscopic model for exchange anisotropy. <i>Physical Review B</i> , 2002 , 65,	3.3	25
107	Three-layer model for exchange anisotropy. <i>Physical Review B</i> , 2002 , 66,	3.3	4
106	Nonlinear dynamics of spin-injected magnons in magnetic nanostructures. <i>Journal of Applied Physics</i> , 2002 , 91, 8046	2.5	4
105	Anomalous spin-wave damping in exchange-biased films. <i>Physical Review B</i> , 2001 , 63,	3.3	91

104	Characterization of spin-wave dynamics near homoclinic orbits through one-dimensional mapping. <i>Journal of Applied Physics</i> , 2000 , 87, 6917-6919	2.5	1
103	Measurements of exchange anisotropy in NiFe/NiO films with different techniques. <i>Journal of Applied Physics</i> , 2000 , 87, 6421-6423	2.5	52
102	Measurement dependence of the exchange bias. <i>Journal of Applied Physics</i> , 2000 , 87, 4960-4962	2.5	13
101	Magnon excitation by spin injection in thin Fe/Cr/Fe films. <i>Physical Review Letters</i> , 2000 , 84, 4212-5	7.4	54
100	Extrinsic contributions to spin-wave damping and renormalization in thin Ni50Fe50 films. <i>Physical Review B</i> , 2000 , 62, 5331-5333	3.3	80
99	Irreversible and reversible measurements of exchange anisotropy. <i>Physical Review B</i> , 1999 , 60, 14837-14840	3.3	51
98	Magnetic properties of Ti/Fe double layers grown on MgO(100) by direct current magnetron sputtering. <i>Journal of Applied Physics</i> , 1999 , 85, 4943-4945	2.5	3
97	Observation of mixed-mode oscillations in spin-wave experiments. <i>Journal of Applied Physics</i> , 1999 , 85, 5086-5087	2.5	4
96	Surface Magnetoimpedance Measurements in Soft-Ferromagnetic Materials. <i>Physica Status Solidi A</i> , 1999 , 173, 135-144		22
95	Biquadratic coupling in sputtered Fe/Cr/Fe still in need of a new mechanism. <i>Journal of Applied Physics</i> , 1999 , 85, 5892-5894	2.5	22
94	Ferromagnetic resonance linewidth and anisotropy dispersions in thin Fe films. <i>Journal of Applied Physics</i> , 1999 , 85, 7316-7320	2.5	55
93	Studies of coupled metallic magnetic thin-film trilayers. <i>Journal of Applied Physics</i> , 1998 , 84, 958-972	2.5	91
92	Magnetic properties of Nd/Fe double layers grown on Si(111) by electron beam evaporation. <i>Journal of Applied Physics</i> , 1998 , 83, 4869-4873	2.5	8
91	Magnetic trilayers with bilinear and biquadratic exchange couplings: Criteria for the measurement of J1 and J2. <i>Physical Review B</i> , 1998 , 58, 101-104	3.3	23
90	Magnetic properties of Fe films epitaxially grown on Cr/GaAs(100) by dc magnetron sputtering. <i>Applied Physics Letters</i> , 1998 , 72, 2760-2762	3.4	16
89	High-resolution Brillouin light scattering and angle-dependent 9.4-GHz ferromagnetic resonance in MBE-grown Fe/Cr/Fe on GaAs. <i>Physical Review B</i> , 1997 , 55, 8071-8074	3.3	11
88	Brillouin light scattering and ferromagnetic resonance in sputtered NiFe/Cu/NiFe thin films. <i>Journal of Applied Physics</i> , 1997 , 81, 4770-4772	2.5	4
87	Biquadratic exchange coupling in sputtered Fe/Cr/Fe(100) sandwich structures. <i>Journal of Applied Physics</i> , 1997 , 81, 3791-3793	2.5	7

86	A theoretical model for the giant magnetoimpedance in ribbons of amorphous soft-ferromagnetic alloys. <i>Journal of Applied Physics</i> , 1996 , 79, 6558	2.5	111
85	Giant transversal magnetoimpedance and Hall-effect measurements in Co _{70.4} Fe _{4.6} Si ₁₅ B ₁₀ . <i>Journal of Applied Physics</i> , 1996 , 79, 6555	2.5	14
84	Nonlinear dynamics in microwave driven coupled magnetic multilayer systems. <i>Journal of Applied Physics</i> , 1996 , 79, 6309	2.5	4
83	Domains and giant magneto-impedance in amorphous ribbons by magneto-optical Kerr effect. <i>Journal of Applied Physics</i> , 1996 , 79, 6546	2.5	12
82	Biquadratic exchange coupling in sputtered (100) Fe/Cr/Fe. <i>Physical Review Letters</i> , 1996 , 76, 4837-4840	7.4	65
81	Transient and crisis-induced intermittencies in high-power ferromagnetic resonance. <i>Physical Review E</i> , 1995 , 52, 2084-2087	2.4	4
80	Giant magnetoimpedance in the ferromagnetic alloy Co _{75-x} Fe _x Si ₁₅ B ₁₀ . <i>Physical Review B</i> , 1995 , 51, 3926-3929	3.3	137
79	Spin-wave chaotic transients. <i>Journal of Applied Physics</i> , 1994 , 75, 5616-5618	2.5	2
78	Giant ac magnetoimpedance in the soft ferromagnet Co _{70.4} Fe _{4.6} Si ₁₅ B ₁₀ . <i>Journal of Applied Physics</i> , 1994 , 75, 6563-6565	2.5	72
77	Ferromagnetic resonance of Fe(111) thin films and Fe(111)/Cu(111) multilayers. <i>Physical Review B</i> , 1994 , 49, 15105-15109	3.3	63
76	Controlling spin-wave chaos. <i>Journal of Applied Physics</i> , 1994 , 75, 5613-5615	2.5	1
75	Ferromagnetic resonance in Ag coupled Ni films. <i>Journal of Applied Physics</i> , 1993 , 73, 6341-6343	2.5	1
74	Magnetic-field-induced intermittency in spin-wave experiments. <i>Journal of Applied Physics</i> , 1993 , 73, 6825-6827	2.5	7
73	Spin-wave self-oscillations: Experimental verification of the two-mode origin (invited). <i>Journal of Applied Physics</i> , 1993 , 73, 6805-6810	2.5	8
72	Self-oscillations in spin-wave instabilities. <i>Physical Review B</i> , 1992 , 45, 10387-10398	3.3	20
71	Spatial distribution of magnetostatic modes in a thin YIG slab. <i>Journal of Magnetism and Magnetic Materials</i> , 1992 , 104-107, 1039-1040	2.8	2
70	Bifurcations, chaos and control of chaos in spin-wave instabilities. <i>Journal of Magnetism and Magnetic Materials</i> , 1992 , 104-107, 1041-1042	2.8	1
69	Bifurcations of mode equations: spin waves. <i>Physica D: Nonlinear Phenomena</i> , 1991 , 54, 98-124	3.3	4

68	Controlling chaos in spin-wave instabilities. <i>Physical Review Letters</i> , 1991 , 66, 1342-1345	7.4	158
67	Mössbauer study of spin-glass Fe x Zn1-x F2 system. <i>Hyperfine Interactions</i> , 1991 , 67, 507-511	0.8	1
66	Dipolar narrowing of ferromagnetic resonance lines. <i>Physical Review B</i> , 1991 , 44, 7062-7065	3.3	14
65	Spin-glass behavior in the Al:Mn quasicrystalline alloys (abstract). <i>Journal of Applied Physics</i> , 1991 , 69, 5150-5150	2.5	1
64	Irreversibility line in the ferromagnet Co70.4Fe4.6Si15B10 alloy. <i>Journal of Applied Physics</i> , 1991 , 70, 6169-6171	2.5	6
63	Organizing centers of bifurcations in spin-wave instabilities (invited). <i>Journal of Applied Physics</i> , 1991 , 69, 5430-5435	2.5	5
62	Mössbauer effect measurements on the spin-glass Fe0.25Zn0.75F2. <i>Hyperfine Interactions</i> , 1990 , 54, 489-492	0.8	5
61	Crossover from random field to spin-glass behavior in FexZn1-xF2. <i>Journal of Applied Physics</i> , 1990 , 67, 5243-5245	2.5	30
60	Spin-wave auto-oscillations still in need of a good model. <i>Journal of Applied Physics</i> , 1990 , 67, 5624-5626	2.5	12
59	Spin-wave theory of the Haldane gap in one-dimensional antiferromagnets. <i>Physical Review B</i> , 1990 , 42, 2589-2590	3.3	20
58	Characterization of strange attractors in spin-wave chaos. <i>Physical Review B</i> , 1989 , 39, 9448-9452	3.3	29
57	Ising Criticality in Spin Glasses: Fe 0.25 Zn 0.75 F 2. <i>Europhysics Letters</i> , 1989 , 8, 383-388	1.6	28
56	Nonlinear microwave absorption in ceramic superconducting Y-Ba-Cu-O. <i>Physical Review B</i> , 1989 , 39, 9715-9718	3.3	13
55	Evidence for a spin-glass behavior in the diluted antiferromagnet FexZn1-xF2. <i>Journal of Applied Physics</i> , 1988 , 63, 3755-3757	2.5	36
54	FIELD-INDUCED ANOMALOUS DILATION IN FexZn1-xF2. <i>Journal De Physique Colloque</i> , 1988 , 49, C8-1241-C8-1242		3
53	DYNAMIC SCALING IN THE ISING SPIN GLASS Fe0.25Zn0.75F2. <i>Journal De Physique Colloque</i> , 1988 , 49, C8-1267-C8-1268		3
52	Chaotic Dynamics of Spin Wave Instabilities. <i>Springer Proceedings in Physics</i> , 1987 , 79-85	0.2	1
51	Model for chaotic dynamics of the perpendicular-pumping spin-wave instability. <i>Physical Review B</i> , 1986 , 33, 5153-5156	3.3	57

50	Observation of subharmonic routes to chaos in parallel-pumped spin waves in yttrium iron garnet. <i>Physical Review Letters</i> , 1986 , 56, 1070-1073	7.4	79
49	Light scattering by magnetic excitations in the mixed antiferromagnet $\text{Fe}_{1-x}\text{Mn}_x\text{F}_2$. <i>Physical Review B</i> , 1985 , 32, 428-435	3.3	2
48	Light scattering studies of magnon relaxation in NiF_2 and $\text{FeF}_2:\text{Mn}$. <i>Physical Review B</i> , 1985 , 31, 570-573	3.3	3
47	Hysteresis, metastability, and time dependence in $d=2$ and $d=3$ random-field Ising systems. <i>Journal of Applied Physics</i> , 1985 , 57, 3294-3296	2.5	60
46	Scaling of the equilibrium boundary of three-dimensional random-field Ising-model systems. <i>Physical Review B</i> , 1985 , 32, 503-506	3.3	56
45	Hysteresis effects in the critical behavior of a $d=3$ Ising random field system. <i>Journal of Applied Physics</i> , 1984 , 55, 2413-2415	2.5	9
44	Spin wave damping in the ferromagnetic semiconductor CdCr_2Se_4 . <i>Journal of Applied Physics</i> , 1984 , 55, 2527-2529	2.5	1
43	Phonon-associated relaxation of local magnons in $\text{FeF}_2:\text{Mn}$. <i>Physical Review B</i> , 1984 , 29, 1638-1646	3.3	7
42	Raman scattering by phonons in $\text{Fe}_{1-x}\text{Zn}_x\text{F}_2$ and $\text{Fe}_{1-x}\text{Mn}_x\text{F}_2$. <i>Physical Review B</i> , 1984 , 30, 3516-3519	3.3	3
41	Enhanced impurity-induced damping of magnetic modes in $\text{FeF}_2:\text{Mn}$. <i>Physical Review B</i> , 1984 , 30, 3859-3865	3.3	9
40	Spin Dynamics Associated with Local Magnons in $\text{FeF}_2:\text{Mn}$. <i>Springer Series in Solid-state Sciences</i> , 1984 , 126-136	0.4	0
39	A theory of the properties of anisotropic magnets. <i>Journal of Physics C: Solid State Physics</i> , 1983 , 16, 5899-5912		
38	Theory of the response of local magnon modes in antiferromagnets. <i>Physical Review B</i> , 1983 , 27, 3032-3042	3.3	8
37	Theory of the giant Raman scattering by Mn impurity modes in FeF_2 . <i>Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics</i> , 1982 , 109-110, 2141-2144		
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