Vasil Tiberkevich

List of Publications by Year
in descending order

165	8,093	44069	54911
papers	citations	48 h-index	84 g-index

166	166	166	3829
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nonlinear Auto-Oscillator Theory of Microwave Generation by Spin-Polarized Current. IEEE Transactions on Magnetics, 2009, 45, 1875-1918.	2.1	633
2	Magnetic nano-oscillator driven by pure spinÂcurrent. Nature Materials, 2012, 11, 1028-1031.	27.5	608
3	Spin Wave Mode Excited by Spin-Polarized Current in a Magnetic Nanocontact is a Standing Self-Localized Wave Bullet. Physical Review Letters, 2005, 95, 237201.	7.8	227
4	Antiferromagnetic THz-frequency Josephson-like Oscillator Driven by Spin Current. Scientific Reports, 2017, 7, 43705.	3.3	207
5	Experimental Evidence of Self-Localized and Propagating Spin Wave Modes in Obliquely Magnetized Current-Driven Nanocontacts. Physical Review Letters, 2010, 105, 217204.	7.8	176
6	Magnetic vortex cores as tunable spin-wave emitters. Nature Nanotechnology, 2016, 11, 948-953.	31.5	169
7	All-linear time reversal by a dynamic artificial crystal. Nature Communications, 2010, 1, 141.	12.8	159
8	Generation Linewidth of an Auto-Oscillator with a Nonlinear Frequency Shift: Spin-Torque Nano-Oscillator. Physical Review Letters, 2008, 100, 017207.	7.8	155
9	A frequency-controlled magnetic vortex memory. Applied Physics Letters, 2010, 96, .	3.3	141
10	Hybrid magnonics: Physics, circuits, and applications for coherent information processing. Journal of Applied Physics, 2020, 128, .	2.5	141
11	Fractional Synchronization of Spin-Torque Nano-Oscillators. Physical Review Letters, 2010, 105, 104101.	7.8	124
12	Direct detection of magnon spin transport by the inverse spin Hall effect. Applied Physics Letters, 2012, 100, .	3.3	121
13	Synchronization of spin Hall nano-oscillators to external microwave signals. Nature Communications, 2014, 5, 3179.	12.8	116
14	Control of Spin Waves in a Thin Film Ferromagnetic Insulator through Interfacial Spin Scattering. Physical Review Letters, 2011, 107, 146602.	7.8	115
15	Emission and propagation of 1D and 2D spin waves with nanoscale wavelengths in anisotropic spin textures. Nature Nanotechnology, 2019, 14, 328-333.	31.5	115
16	Theory of mutual phase locking of spin-torque nanosized oscillators. Physical Review B, 2006, 74, .	3.2	109
17	Bistability of Vortex Core Dynamics in a Single Perpendicularly Magnetized Nanodisk. Physical Review Letters, 2009, 102, 177602.	7.8	108
18	Nondiffractive Subwavelength Wave Beams in a Medium with Externally Controlled Anisotropy. Physical Review Letters, 2010, 104, 197203.	7.8	102

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19	Electric field tunable ferrite-ferroelectric hybrid wave microwave resonators: Experiment and theory. Journal of Applied Physics, 2006, 100, 093905.	2.5	101
20	Boseâ€“Einstein condensation in an ultra-hot gas of pumped magnons. Nature Communications, 2014, 5, 3452.	12.8	101
21	Drag Reduction by Polymers in Wall Bounded Turbulence. Physical Review Letters, 2004, 92, 244503.	7.8	99
22	Coherent long-range transfer of angular momentum between magnon Kittel modes by phonons. Physical Review B, 2020, 101, .	3.2	94
23	Terahertz-Frequency Spin Hall Auto-oscillator Based on a Canted Antiferromagnet. Physical Review Applied, 2017, 8, .	3.8	92
24	Transformation of spin current by antiferromagnetic insulators. Physical Review B, 2016, 93, .	3.2	88
25	Line Shape Distortion in a Nonlinear Auto-Oscillator Near Generation Threshold: Application to Spin-Torque Nano-Oscillators. Physical Review Letters, 2008, 100, 167201.	7.8	87
26	Ferromagnetic resonance force spectroscopy of individual submicron-size samples. Physical Review B, 2008, 78, .	3.2	85
27	Collective spin-wave excitations in a two-dimensional array of coupled magnetic nanodots. Physical Review B, 2012, 85, .	3.2	85
28	Nonlinear phenomenological model of magnetic dissipation for large precession angles: Generalization of the Gilbert model. Physical Review B, 2007, 75, .	3.2	75
29	Identification and selection rules of the spin-wave eigenmodes in a normally magnetized nanopillar. Physical Review B, 2011, 84, .	3.2	75
30	Storage-Recovery Phenomenon in Magnonic Crystal. Physical Review Letters, 2012, 108, 257207.	7.8	74
31	Nonreciprocal Surface Acoustic Waves in Multilayers with Magnetoelastic and Interfacial Dzyaloshinskii-Moriya Interactions. Physical Review Applied, 2018, 9, .	3.8	74
32	Dynamic Origin of Azimuthal Modes Splitting in Vortex-State Magnetic Dots. Physical Review Letters, 2008, 101, 247203.	7.8	72
33	Parametric Resonance of Magnetization Excited by Electric Field. Nano Letters, 2017, 17, 572-577.	9.1	71
34	Coherent Excitation of Heterosymmetric Spin Waves with Ultrashort Wavelengths. Physical Review Letters, 2019, 122, 117202.	7.8	69
35	Quantum Engineering With Hybrid Magnonic Systems and Materials (Invited Paper). IEEE Transactions on Quantum Engineering, 2021, 2, 1-36.	4.9	69
36	Excitation of Spin Waves by Spin-Polarized Current in Magnetic Nano-Structures. IEEE Transactions on Magnetics, 2008, 44, 1916-1927.	2.1	68

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37	Phase-locking and frustration in an array of nonlinear spin-torque nano-oscillators. Applied Physics Letters, 2009, 95, .	3.3	68
38	Microwave power generated by a spin-torque oscillator in the presence of noise. Applied Physics Letters, 2007, 91, .	3.3	67
39	Parametric Excitation of Spin Waves by Voltage-Controlled Magnetic Anisotropy. Physical Review Applied, 2014, 1, .	3.8	64
40	Nonlinear self-phase-locking effect in an array of current-driven magnetic nanocontacts. Physical Review B, 2005, 72, .	3.2	62
41	Temperature dependence of nonlinear auto-oscillator linewidths: Application to spin-torque nano-oscillators. Physical Review B, 2008, 78, .	3.2	62
42	Resonant Nonlinear Damping of Quantized Spin Waves in Ferromagnetic Nanowires: A Spin Torque Ferromagnetic Resonance Study. Physical Review Letters, 2009, 103, 167601.	7.8	61
43	Ultra-fast artificial neuron: generation of picosecond-duration spikes in a current-driven antiferromagnetic auto-oscillator. Scientific Reports, 2018, 8, 15727.	3.3	61
44	From chaos to selective ordering of vortex cores in interacting mesomagnets. Nature Communications, 2012, 3, 1330.	12.8	58
45	Parametric Excitation of a Magnetic Nanocontact by a Microwave Field. Physical Review Letters, 2010, 105, 237204.	7.8	57
46	Excitation of self-localized spin-wave bullets by spin-polarized current in in-plane magnetized magnetic nanocontacts: A micromagnetic study. Physical Review B, 2007, 76, .	3.2	54
47	Boseâ€“Einstein condensation of quasiparticles by rapid cooling. Nature Nanotechnology, 2020, 15, 457-461.	31.5	52
48	Power and linewidth of propagating and localized modes in nanocontact spin-torque oscillators. Physical Review B, 2012, 85, .	3.2	49
49	Oscillatory Energy Exchange between Waves Coupled by a Dynamic Artificial Crystal. Physical Review Letters, 2012, 108, 015505.	7.8	48
50	Mode degeneracy due to vortex core removal in magnetic disks. Physical Review B, 2007, 76, .	3.2	47
51	Spin-wave edge modes in finite arrays of dipolarly coupled magnetic nanopillars. Physical Review B, 2014, 90, .	3.2	47
52	Conditions for the spin wave nonreciprocity in an array of dipolarly coupled magnetic nanopillars. Applied Physics Letters, 2013, 103, .	3.3	46
53	Wide-Band Nonreciprocity of Surface Acoustic Waves Induced by Magnetoelastic Coupling with a Synthetic Antiferromagnet. Physical Review Applied, 2019, 12, .	3.8	46
54	Parametric interaction of magnetostatic waves with a nonstationary local pump. Journal of Experimental and Theoretical Physics, 1999, 89, 1189-1199.	0.9	45

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55	Injection locking of tunnel junction oscillators to a microwave current. Applied Physics Letters, 2011, 98, .	3.3	45
56	Spin-torque microwave detector with out-of-plane precessing magnetic moment. Journal of Applied Physics, 2012, 111, .	2.5	45
57	Excitation of propagating spin waves in ferromagnetic nanowires by microwave voltage-controlled magnetic anisotropy. Scientific Reports, 2016, 6, 25018.	3.3	45
58	Cooperative effect in electron transfer between metal substrate and organized organic layers. Chemical Physics Letters, 2003, 381, 650-653.	2.6	44
59	Spin-Torque Nano-Oscillator as a Microwave Signal Source. IEEE Magnetics Letters, 2011, 2, 3000104-3000104.	1.1	44
60	Coherent Coupling of Two Remote Magnonic Resonators Mediated by Superconducting Circuits. Physical Review Letters, 2022, 128, 047701.	7.8	44
61	Oscillatory transient regime in the forced dynamics of a nonlinear auto oscillator. Physical Review B, 2010, 82, .	3.2	42
62	Wave Front Reversal of a Dipolar Spin Wave Pulse in a Nonstationary Three-Wave Parametric Interaction. Physical Review Letters, 2000, 84, 3438-3441.	7.8	41
63	Micromagnetic study of the above-threshold generation regime in a spin-torque oscillator based on a magnetic nanocontact magnetized at an arbitrary angle. Physical Review B, 2008, 78, .	3.2	41
64	Angular dependence of the microwave-generation threshold in a nanoscale spin-torque oscillator. Physical Review B, 2007, 76, .	3.2	39
65	Hysteretic synchronization of nonlinear spin-torque oscillators. Physical Review B, 2010, 82, .	3.2	38
66	Reduction of phase noise in nanowire spin orbit torque oscillators. Scientific Reports, 2015, 5, 16942.	3.3	38
67	Drag reduction by a linear viscosity profile. Physical Review E, 2004, 70, 055301.	2.1	37
68	Current-induced bistability and dynamic range of microwave generation in magnetic nanostructures. Physical Review B, 2005, 72, .	3.2	37
69	Ultra-fast logic devices using artificial â€œneuronsâ€•based on antiferromagnetic pulse generators. Journal of Applied Physics, 2018, 124, .	2.5	36
70	Nonadiabatic interaction of a propagating wave packet with localized parametric pumping. Physical Review E, 2001, 63, 066607.	2.1	35
71	Nonlinear spin conductance of yttrium iron garnet thin films driven by large spin-orbit torque. Physical Review B, 2018, 97, .	3.2	35
72	Terahertz-Frequency Signal Source Based on an Antiferromagnetic Tunnel Junction. IEEE Magnetics Letters, 2018, 9, 1-5.	1.1	35

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73	Reversal of Momentum Relaxation. Physical Review Letters, 2001, 86, 4918-4921.	7.8	34
74	Evolution of spin-wave modes in magnetic tunnel junction nanopillars. Physical Review B, 2010, 82, .	3.2	34
75	Fast switching of a ground state of a reconfigurable array of magnetic nano-dots. Applied Physics Letters, 2012, 100, .	3.3	34
76	Modulation bandwidth of spin torque oscillators under current modulation. Applied Physics Letters, 2014, 105, 152401.	3.3	34
77	Ultrafast Sweep-Tuned Spectrum Analyzer with Temporal Resolution Based on a Spin-Torque Nano-Oscillator. Nano Letters, 2020, 20, 6104-6111.	9.1	34
78	Drag Reduction by Microbubbles in Turbulent Flows: The Limit of Minute Bubbles. Physical Review Letters, 2005, 94, 174502.	7.8	33
79	Linewidth reduction in a spin-torque nano-oscillator caused by non-conservative current-induced coupling between magnetic layers. Applied Physics Letters, 2011, 99, .	3.3	33
80	Maximum drag reduction asymptotes and the cross-over to the Newtonian plug. Journal of Fluid Mechanics, 2006, 551, 185.	3.4	32
81	Sensitivity to external signals and synchronization properties of a non-isochronous auto-oscillator with delayed feedback. Scientific Reports, 2014, 4, 3873.	3.3	32
82	Parametric autoexcitation of magnetic droplet soliton perimeter modes. Physical Review B, 2017, 95, .	3.2	32
83	Electrically tunable detector of THz-frequency signals based on an antiferromagnet. Applied Physics Letters, 2020, 117, .	3.3	31
84	Q factor of dual-tunable microwave resonators based on yttrium iron garnet and barium strontium titanate layered structures. Journal of Applied Physics, 2008, 103, 063908.	2.5	29
85	Noise properties of a resonance-type spin-torque microwave detector. Applied Physics Letters, 2011, 99, 032507.	3.3	29
86	Magnonic crystal as a delay line for low-noise auto-oscillators. Applied Physics Letters, 2015, 107, .	3.3	28
87	Bias-free spin-wave phase shifter for magnonic logic. AIP Advances, 2016, 6, 065103.	1.3	28
88	Theoretical formalism for collective spin-wave edge excitations in arrays of dipolarly interacting magnetic nanodots. Physical Review B, 2016, 93, .	3.2	28
89	Magnon-magnon interactions in a room-temperature magnonic Bose-Einstein condensate. Physical Review B, 2017, 96, .	3.2	28
90	Spin wave excitations of a magnetic pillar with dipolar coupling between the layers. Journal of Physics Condensed Matter, 2010, 22, 136001.	1.8	26

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91	Antiferromagnetic spin current rectifier. AIP Advances, 2017, 7, .	1.3	26
92	Scaling exponents in anisotropic hydrodynamic turbulence. Physical Review E, 2003, 67, 026312.	2.1	24
93	Control of spin-wave emission from spin-torque nano-oscillators by microwave pumping. Physical Review B, 2011, 83, .	3.2	24
94	Damping of linear spin-wave modes in magnetic nanostructures: Local, nonlocal, and coordinate-dependent damping. Physical Review B, 2018, 98, .	3.2	24
95	Nonlinear Ferromagnetic Resonance in Nanostructures Having Discrete Spectrum of Spin-Wave Modes. IEEE Magnetics Letters, 2013, 4, 4000504-4000504.	1.1	23
96	Excitation of Spin Waves in an In-Plane-Magnetized Ferromagnetic Nanowire Using Voltage-Controlled Magnetic Anisotropy. Physical Review Applied, 2017, 7, .	3.8	23
97	Ultra-fast wide band spectrum analyzer based on a rapidly tuned spin-torque nano-oscillator. Applied Physics Letters, 2018, 113, .	3.3	23
98	Polymer stress tensor in turbulent shear flows. Physical Review E, 2005, 71, 016305.	2.1	22
99	Time-domain study of frequency-power correlation in spin-torque oscillators. Physical Review B, 2010, 81, .	3.2	22
100	Bullets and droplets: Two-dimensional spin-wave solitons in modern magnonics (Review Article). Low Temperature Physics, 2018, 44, 602-617.	0.6	22
101	Terahertz frequency spectrum analysis with a nanoscale antiferromagnetic tunnel junction. Journal of Applied Physics, 2020, 127, .	2.5	22
102	Amplification and stabilization of large-amplitude propagating spin waves by parametric pumping. Applied Physics Letters, 2018, 112, .	3.3	21
103	Parametrically stimulated recovery of a microwave signal using standing spin-wave modes of a magnetic film. Physical Review B, 2009, 79, .	3.2	19
104	Theory of ground-state switching in an array of magnetic nanodots by application of a short external magnetic field pulse. Physical Review B, 2013, 87, .	3.2	19
105	Theory of three-magnon interaction in a vortex-state magnetic nanodot. Physical Review B, 2021, 103, .	3.2	19
106	Recent Trends in Microwave Magnetism and Superconductivity. Ukrainian Journal of Physics, 2019, 64, 888.	0.2	19
107	Influence of Temperature on the Performance of a Spin-Torque Microwave Detector. IEEE Transactions on Magnetics, 2012, 48, 3807-3810.	2.1	18
108	Voltage-Controlled Anisotropy and Current-Induced Magnetization Dynamics in Antiferromagnetic-Piezoelectric Layered Heterostructures. Physical Review Applied, 2020, 13, .	3.8	18

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109	Wave front reversal of nonreciprocal surface dipolar spin waves. Journal of Applied Physics, 2006, 99, 08P513.	2.5	17
110	Compensation of nonlinear phase noise in an in-plane-magnetized anisotropic spin-torque oscillator. Journal of Magnetism and Magnetic Materials, 2009, 321, L53-L55.	2.3	17
111	Influence of interfacial Dzyaloshinskii-Moriya interaction on the parametric amplification of spin waves. Applied Physics Letters, 2015, 107, .	3.3	16
112	Phase conjugation of linear signals and solitons of magnetostatic waves. JETP Letters, 1998, 67, 913-918.	1.4	15
113	Hamiltonian formalism for nonlinear spin wave dynamics under antisymmetric interactions: Application to Dzyaloshinskii-Moriya interaction. Physical Review B, 2019, 99, .	3.2	15
114	Nonlinear amplification and compression of envelope solitons by localized nonstationary parametric pumping. Journal of Applied Physics, 2001, 89, 6689-6691.	2.5	14
115	Effective microwave ferrite convolver using a dielectric resonator. Applied Physics Letters, 2002, 81, 1645-1647.	3.3	14
116	Linewidth of higher harmonics in a nonisochronous auto-oscillator: Application to spin-torque nano-oscillators. Physical Review B, 2012, 86, .	3.2	14
117	Phase Nonreciprocity of Microwaveâ€Frequency Surface Acoustic Waves in Hybrid Heterostructures with Magnetoelastic Coupling. Advanced Electronic Materials, 2021, 7, 2100263.	5.1	14
118	Saturation of turbulent drag reduction in dilute polymer solutions. Europhysics Letters, 2004, 68, 825-831.	2.0	13
119	Ferromagnetic resonance spectroscopy of parametric magnons excited by a four-wave process. Physical Review B, 2007, 75, .	3.2	13
120	Hysteresis regime in the operation of a dual-free-layer spin-torque nano-oscillator with out-of-plane counter-precessing magnetic moments. Journal of Applied Physics, 2013, 114, .	2.5	13
121	Current-driven gyrotropic mode of a magnetic vortex as a nonisochronous auto-oscillator. Physical Review B, 2014, 89, .	3.2	13
122	Controlling Magnon Interaction by a Nanoscale Switch. ACS Applied Materials & Interfaces, 2021, 13, 20288-20295.	8.0	13
123	Excitation of spin waves by a current-driven magnetic nanocontact in a perpendicularly magnetized waveguide. Physical Review B, 2013, 88, .	3.2	12
124	Low Power Microwave Signal Detection With a Spin-Torque Nano-Oscillator in the Active Self-Oscillating Regime. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	12
125	Spin-wave transmission through an internal boundary: Beyond the scalar approximation. Physical Review B, 2020, 101, .	3.2	12
126	Theory of the electric field controlled antiferromagnetic spin Hall oscillator and detector. Physical Review B, 2021, 103, .	3.2	12

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127	Mutual synchronization of nano-oscillators driven by pure spin current. Applied Physics Letters, 2016, 109, .	3.3	11
128	Control of the Bose-Einstein Condensation of Magnons by the Spin Hall Effect. Physical Review Letters, 2021, 127, 237203.	7.8	11
129	Microwave signal processing using dipole-exchange spin waves. Journal of Applied Physics, 2003, 93, 8594-8596.	2.5	10
130	Influence of the properties of soft collective spin wave modes on the magnetization reversal in finite arrays of dipolarly coupled magnetic dots. Journal of Magnetism and Magnetic Materials, 2015, 384, 166-174.	2.3	10
131	Active magnetostatic wave delay line for microwave signals. IEEE Transactions on Magnetics, 2002, 38, 3102-3104.	2.1	9
132	Wave front reversal with frequency conversion in a nonreciprocal medium. Applied Physics Letters, 2006, 89, 252510.	3.3	9
133	Theory of Antiferromagnet-Based Detector of Terahertz Frequency Signals. Magnetochemistry, 2022, 8, 26.	2.4	9
134	Parametric interaction of a spin wave pulse with localized nonstationary pumping: amplification and phase conjugation. IEEE Transactions on Magnetics, 1999, 35, 3157-3159.	2.1	8
135	Simple Analytical Model for Entire Turbulent Boundary Layer over Flat Plane. Environmental Fluid Mechanics, 2005, 5, 373-386.	1.6	8
136	Ultrafast GHz-Range Swept-Tuned Spectrum Analyzer with 20 ns Temporal Resolution Based on a Spin-Torque Nano-Oscillator with a Uniformly Magnetized â€œFreeâ€•Layer. Nano Letters, 2022, 22, 1874-1879.	9.1	8
137	Lumped circuit model for inductive antenna spin-wave transducers. Scientific Reports, 2022, 12, 3796.	3.3	8
138	Nonreciprocal Spin Waves in a Magnonic Crystal with In-Plane Static Magnetization. Spin, 2016, 06, 1640013.	1.3	6
139	Hybrid Magnonics for Short-Wavelength Spin Waves Facilitated by a Magnetic Heterostructure. Physical Review Applied, 2022, 17, .	3.8	6
140	Methods of relaxation reversal for spin waves and oscillations. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 991-992.	2.3	5
141	Interaction of Microwave Photons with Nanostructured Magnetic Metasurfaces. Physical Review Applied, 2016, 5, .	3.8	5
142	Magnon Boseâ€“Einstein Condensate and Supercurrents Over a Wide Temperature Range. Ukrainian Journal of Physics, 2019, 64, 927.	0.2	5
143	Parametric Interaction of Dipolar Spin Wave Solitons with Localized Electromagnetic Pumping. Physica Status Solidi A, 2002, 189, 1007-1014.	1.7	4
144	Discrete modes of a ferromagnetic stripe dipolarly coupled to a ferromagnetic film: a Brillouin light scattering study. Journal of Physics Condensed Matter, 2007, 19, 246221.	1.8	4

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145	Localized Defect Modes in a Two-Dimensional Array of Magnetic Nanodots. IEEE Magnetics Letters, 2013, 4, 4000404-4000404.	1.1	4
146	Electrodynamic boundary conditions for planar arrays of thin magnetic elements. Applied Physics Letters, 2015, 107, 082405.	3.3	4
147	Tunable Magnetically Induced Transparency Spectra in Magnon-Magnon Coupled <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:msub><mml:mi mathvariant="normal">Y</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi>Fe</mml:mi><mml:mn>5</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>12</mml:mn></mml:msub><mml:mo>/</mml:mo></mml:math> Permalloy Bilayers. Physical Review Applied, 2022, 17, .	3.8	4
148	Correction of Phase Errors in a Spin-Wave Transmission Line by Nonadiabatic Parametric Pumping. Physical Review Applied, 2019, 11, .	3.8	3
149	Theory of Generation Linewidth in Spin-torque Nano-sized Auto-oscillators. Journal of Magnetics, 2007, 12, 53-58.	0.4	3
150	Multizone shell model for turbulent wall bounded flows. Physical Review E, 2003, 68, 046308.	2.1	2
151	Spin-wave modes localized on isolated defects in a two-dimensional array of dipolarly coupled magnetic nanodots. Physical Review B, 2020, 102, .	3.2	2
152	Formation and propagation of dipolar spin wave envelope solitons under the influence of parametric pumping. IEEE Transactions on Magnetics, 2002, 38, 3099-3101.	2.1	1
153	Dipole-dominated dissipative magnetic solitons in quasi-one-dimensional spin-torque oscillators. Low Temperature Physics, 2020, 46, 773-778.	0.6	1
154	Measurement of Microwave Signal Frequency by a Pair of Spin-Torque Microwave Diodes. IEEE Magnetics Letters, 2021, 12, 1-5.	1.1	1
155	RF signal detector and energy harvester based on a spin-torque diode with perpendicular magnetic anisotropy. AIP Advances, 2021, 11, 025234.	1.3	1
156	Publisher's Note: Ferromagnetic resonance spectroscopy of parametric magnons excited by a four-wave process [Phys. Rev. B75, 140405(R) (2007)]. Physical Review B, 2007, 75, .	3.2	0
157	Non-autonomous dynamics of a nonlinear spin-torque nano-oscillator. , 2009, , .		0
158	Microwave planar antennas for telecommunication devices based on magnetic nano-structures (Spin-torque nano-oscillators). , 2010, , .		0
159	Spin-torque magnetic nano-structures as microwave sources. , 2010, , .		0
160	Control and Manipulation of the Dynamic Response of Interacting Spin Vortices. IEEE Transactions on Magnetics, 2013, 49, 3081-3088.	2.1	0
161	Linear Magnetization Dynamics in an Array of Dipolarly Coupled Magnetic Nanodots. Handbook of Surface Science, 2015, 5, 215-241.	0.3	0
162	Micromagnetic simulations of spin-Hall driven dynamics in an antiferromagnet. , 2018, , .		0

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163	Generators of THz-Frequency Signals Based on Antiferromagnetic Nanastructures. , 2018, , .		0
164	Terahertz-frequency AC signal source based on antiferromagnetic tunnel junction. , 2018, , .		0
165	Maximum Detected Frequency of a Detector of Terahertz Frequency Signals based on an Antiferromagnetic Tunnel Junction. , 2020, , .		0