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YIG magnonics

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914	Materials optimization of the magnonic gap in three-dimensional magnonic crystals with spheres in hexagonal structure. <b>2010</b> , 108, 093909		23
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695	Faraday effect of bismuth iron garnet thin film prepared by mist CVD method. <b>2015</b> , 54, 063001	12
694	Spin pumping from spinwaves in thin film YIG. <b>2015</b> , 107, 042405	13
693	Mesoscale magnetism. <b>2015</b> , 19, 253-263	18
692	Compression gain of spin wave signals in a magnonic YIG waveguide with thermal non-uniformity. <b>2015</b> , 377, 1-5	2
691	Demonstration of a robust magnonic spin wave interferometer. <b>2016</b> , 6, 30268	37
690	Spin-transfer torque based damping control of parametrically excited spin waves in a magnetic insulator. <b>2016</b> , 108, 012402	30
689	Spin wave absorber generated by artificial surface anisotropy for spin wave device network. <b>2016</b> , 6, 095204	4
688	Spatially resolved detection of complex ferromagnetic dynamics using optically detected nitrogen-vacancy spins. <b>2016</b> , 108, 232409	18
687	Magnon transport controlled by local parametric excitation. <b>2016</b> , 109, 262401	
686	Low loss spin wave resonances in organic-based ferrimagnet vanadium tetracyanoethylene thin films. <b>2016</b> , 109, 082402	20
685	Thin yttrium iron garnet films grown by pulsed laser deposition: Crystal structure, static, and dynamic magnetic properties. <b>2016</b> , 119, 023903	37
684	High-efficiency control of spin-wave propagation in ultra-thin yttrium iron garnet by the spin-orbit torque. <b>2016</b> , 108, 172406	63
683	Effect of Oxygen Pressure on the Magnetic Properties of Yttrium-Iron-Garnet Thin Films Made by Pulsed Laser Deposition. <b>2016</b> , 7, 1-4	2
682	Giant Zeeman shifts in the optical transitions of yttrium iron garnet thin films. <b>2016</b> , 109, 122402	7

681	Adaptive microwave impedance memory effect in a ferromagnetic insulator. <b>2016</b> , 7, 13737	5
680	Ferromagnetic resonance of a YIG film in the low frequency regime. <b>2016</b> , 120, 033905	19
679	Prime factorization using magnonic holographic devices. <b>2016</b> , 120, 123901	14
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677	Mapping of spin wave propagation in a one-dimensional magnonic crystal. <b>2016</b> , 120, 043901	18
676	Observation of magnon-mediated current drag in Pt/yttrium iron garnet/Pt(Ta) trilayers. <b>2016</b> , 7, 10858	81
675	Superstrong coupling of thin film magnetostatic waves with microwave cavity. <b>2016</b> , 119, 023905	43
674	Antiferromagnetic spintronics. <b>2016</b> , 11, 231-41	988
673	Numerical modeling of wave processes in coupled magnonic crystals with periods shifted relative to each other. <b>2016</b> , 24, 1-6	7
672	Tuning the bandgaps in a magnonic crystal/ferroelectric/magnonic crystal layered structure. <b>2016</b> , 58, 273-279	11
671	The resonance susceptibility of two-layer exchange-coupled ferromagnetic film with a combined uniaxial and cubic anisotropy in the layers. <b>2016</b> , 419, 512-516	
670	Nonequilibrium quantum chains under multisite Lindblad baths. <b>2016</b> , 94, 032139	19
669	Coupled spin-light dynamics in cavity optomagnonics. <b>2016</b> , 94,	87
668	Magnonic Logic Devices. <b>2016</b> , 189-219	1
667	Detection of spin pumping from YIG by spin-charge conversion in a Au/Ni <sub>80</sub> Fe <sub>20</sub> spin-valve structure. <b>2016</b> , 94,	9
666	Controlling Gilbert damping in a YIG film using nonlocal spin currents. <b>2016</b> , 94,	8
665	Optimized Magneto-optical Isolator Designs Inspired by Seedlayer-Free Terbium Iron Garnets with Opposite Chirality. <b>2016</b> , 3, 1818-1825	35
664	Optomagnonic Whispering Gallery Microresonators. <b>2016</b> , 117, 123605	176

663	Time-resolved spectroscopy of spin-current emission from a magnetic insulator. <b>2016</b> , 93,	1
662	Wave-vector-dependent spin pumping as a probe of exchange-coupled magnons. <b>2016</b> , 93,	4
661	Quantification of a propagating spin-wave packet created by an ultrashort laser pulse in a thin film of a magnetic metal. <b>2016</b> , 94,	28
660	Nonlocal Drag of Magnons in a Ferromagnetic Bilayer. <b>2016</b> , 116, 237202	1
659	Magnon spin transport driven by the magnon chemical potential in a magnetic insulator. <b>2016</b> , 94,	167
658	Magnetic field dependence of the magnon spin diffusion length in the magnetic insulator yttrium iron garnet. <b>2016</b> , 93,	57
657	Theoretical formalism for collective spin-wave edge excitations in arrays of dipolarly interacting magnetic nanodots. <b>2016</b> , 93,	25
656	Lifetime and mean free path of spin waves in ultrathin cobalt films. <b>2016</b> , 94,	10
655	Berry Curvature in Magnon-Phonon Hybrid Systems. <b>2016</b> , 117, 217205	23
654	Electric field control of magnon-induced magnetization dynamics in multiferroics. <b>2016</b> , 6, 31800	18
653	Cavity magnomechanics. <b>2016</b> , 2, e1501286	192
652	Direct observation of isolated Damon-Eshbach and backward volume spin-wave packets in ferromagnetic microstrips. <b>2016</b> , 6, 22117	16
651	Investigation of the unidirectional spin heat conveyer effect in a 200 nm thin Yttrium Iron Garnet film. <b>2016</b> , 6, 28233	46
650	Theoretical investigation of thin-film multiferroic heterostructures based on a width-modulated slot transmission line. <b>2016</b> , 769, 012032	
649	Magnon heat capacity and magnetic susceptibility of the spin Lieb lattice. <b>2016</b> , 417, 208-213	18
648	Local probing of magnetic films by optical excitation of magnetostatic waves. <b>2016</b> , 58, 1128-1134	9
647	Magnonic Crystals. <b>2016</b> , 1-23	1
646	Diffusive magnonic spin transport in antiferromagnetic insulators. <b>2016</b> , 93,	84



645	Generation of coherent spin-wave modes in yttrium iron garnet microdiscs by spin-orbit torque. <b>2016</b> , 7, 10377	173
644	Dynamical thermal conductivity of the spin Lieb lattice. <b>2016</b> , 234-235, 14-20	13
643	Magnonic Holographic Read-Only Memory. <b>2016</b> , 7, 1-4	140
642	Bulk magnon spin current theory for the longitudinal spin Seebeck effect. <b>2016</b> , 400, 171-177	63
641	Propagation of a magnetostatic surface spin wave through a finite magnonic crystal. <b>2016</b> , 401, 50-55	4
640	Spin waves in a two-sublattice antiferromagnet. A self-similar solution of the Landau-Lifshitz equation. <b>2017</b> , 42, 52-61	5
639	Influence of static and dynamic dipolar fields in bulk YIG/thin film NiFe systems probed via spin rectification effect. <b>2017</b> , 426, 563-568	4
638	Electrically driven magnetic antenna based on multiferroic composites. <b>2017</b> , 29, 095804	3
637	Chiral charge pumping in graphene deposited on a magnetic insulator. <b>2017</b> , 95,	19
636	Guided magnonic Michelson interferometer. <b>2017</b> , 7, 41472	6
635	Thermal Hall Effect of Magnons. <b>2017</b> , 86, 011010	38
634	Magnonic interferometric switch for multi-valued logic circuits. <b>2017</b> , 121, 024504	25
633	Lateral transport properties of thermally excited magnons in yttrium iron garnet films. <b>2017</b> , 110, 062407	17
632	Investigation of non-reciprocal magnon propagation using lock-in thermography. <i>Journal Physics D: Applied Physics</i> , <b>2017</b> , 50, 134001	3 4
631	Stripe magnetic domains in CeY <sub>2</sub> Fe <sub>5</sub> O <sub>12</sub> (Ce:YIG) epitaxial films. <b>2017</b> , 110, 012406	8
630	Optical Manipulation of a Magnon-Photon Hybrid System. <b>2017</b> , 118, 107205	30
629	Internal dipolar field and soft magnons in periodic nanocomposite magnets. <b>2017</b> , 433, 64-70	
628	Simultaneous laser excitation of backward volume and perpendicular standing spin waves in full-Heusler CoFeAlSi films. <b>2017</b> , 7, 42513	10

627	Thickness dependence study of current-driven ferromagnetic resonance in Y3Fe5O12/heavy metal bilayers. <b>2017</b> , 110, 092403		12
626	Formation of the band spectrum of spin waves in 1D magnonic crystals with different types of interfacial boundary conditions. <i>Journal Physics D: Applied Physics</i> , <b>2017</b> , 50, 094003	3	16
625	Spin currents and magnon dynamics in insulating magnets. <i>Journal Physics D: Applied Physics</i> , <b>2017</b> , 50, 114004	3	32
624	Current-induced modulation of backward spin-waves in metallic microstructures. <i>Journal Physics D: Applied Physics</i> , <b>2017</b> , 50, 094004	3	6
623	Quantum interpolation for high-resolution sensing. <b>2017</b> , 114, 2149-2153		20
622	Experimental prototype of a spin-wave majority gate. <b>2017</b> , 110, 152401		122
621	Temporal Evolution of Auto-Oscillations in an Yttrium-Iron-Garnet/Platinum Microdisk Driven by Pulsed Spin Hall Effect-Induced Spin-Transfer Torque. <b>2017</b> , 8, 1-4		8
620	Characterization of spin wave propagation in (1 1 1) YIG thin films with large anisotropy. <i>Journal Physics D: Applied Physics</i> , <b>2017</b> , 50, 235004	3	18
619	Spin-wave magnon-polaritons in a split-ring resonator/single-crystalline YIG system. <i>Journal Physics D: Applied Physics</i> , <b>2017</b> , 50, 205003	3	15
618	Magnetostatic Surface Wave Dispersion and Losses in an Yttrium-Iron Garnet Film With a Subwavelength Periodic Structure. <b>2017</b> , 8, 1-4		10
617	All-optical observation and reconstruction of spin wave dispersion. <b>2017</b> , 8, 15859		63
616	Magnon cotunneling through a quantum dot. <b>2017</b> , 441, 764-768		1
615	Magnonic crystals for data processing. <i>Journal Physics D: Applied Physics</i> , <b>2017</b> , 50, 244001	3	209
614	Splitting of Spin Waves in Strain Reconfigurable Magnonic Stripe. <b>2017</b> , 53, 1-4		2
613	Splitting of Ferromagnetic Resonance Spectra in Periodically Modulated 1-D Magnonic Crystal. <b>2017</b> , 53, 1-4		5
612	Extremely flat transmission band of forward volume spin wave using gold and yttrium iron garnet. <i>Journal Physics D: Applied Physics</i> , <b>2017</b> , 50, 275001	3	10
611	Overcoming thermal noise in non-volatile spin wave logic. <b>2017</b> , 7, 1915		5
610	Bulk Single Crystal-Like Structural and Magnetic Characteristics of Epitaxial Spinel Ferrite Thin Films with Elimination of Antiphase Boundaries. <b>2017</b> , 29, 1701222		40

609	Gilbert damping of magnetostatic modes in a yttrium iron garnet sphere. <b>2017</b> , 110, 092409		30
608	Magnonic quantum Hall effect and Wiedemann-Franz law. <b>2017</b> , 95,		55
607	Spin transport in as-grown and annealed thulium iron garnet/platinum bilayers with perpendicular magnetic anisotropy. <b>2017</b> , 95,		12
606	Effects of post-deposition annealing on the structure and magnetization of PLD grown yttrium iron garnet films. <b>2017</b> , 121, 113901		9
605	Sub-micrometer yttrium iron garnet LPE films with low ferromagnetic resonance losses. <i>Journal Physics D: Applied Physics</i> , <b>2017</b> , 50, 204005	3	81
604	Spin wave interference in YIG cross junction. <b>2017</b> , 7, 056633		8
603	Magnonic holographic imaging of magnetic microstructures. <b>2017</b> , 428, 348-356		6
602	Brillouin light scattering studies of 2D magnonic crystals. <b>2017</b> , 29, 073001		20
601	Ultrasmall Yttrium Iron Garnet Nanoparticles with High Coercivity at Low Temperature Synthesized by Laser Ablation and Fragmentation of Pressed Powders. <b>2017</b> , 18, 1125-1132		21
600	Control of propagation characteristics of spin wave pulses via elastic and thermal effects. <b>2017</b> , 429, 86-93		3
599	Twinned-domain-induced magnonic modes in epitaxial LSMO/STO films. <b>2017</b> , 19, 063002		4
598	Direct observation of magnon-phonon coupling in yttrium iron garnet. <b>2017</b> , 96,		41
597	Electric-Field Control of Magnon Gaps in a Ferromagnet using a Spatially-Periodic Electric Field. <b>2017</b> , 07, 1740012		2
596	Si-integrated ultrathin films of phase-pure Y <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> (YIG) via novel two-step rapid thermal anneal. <b>2017</b> , 5, 379-385		8
595	Thermally stable amorphous tantalum yttrium oxide with low IR absorption for magnetophotonic devices. <b>2017</b> , 7, 13805		6
594	Fast switching and signature of efficient domain wall motion driven by spin-orbit torques in a perpendicular anisotropy magnetic insulator/Pt bilayer. <b>2017</b> , 111, 072406		41
593	Observation of long-lived coherent spin precession in orthoferrite ErFeO <sub>3</sub> induced by terahertz magnetic fields. <b>2017</b> , 111, 092401		11
592	Annealing of amorphous yttrium iron garnet thin films in argon atmosphere. <b>2017</b> , 122, 083908		5

591	A switchable spin-wave signal splitter for magnonic networks. <b>2017</b> , 111, 122401	23
590	Control of propagating spin-wave attenuation by the spin-Hall effect. <b>2017</b> , 122, 093901	3
589	Magnetic domain wall motion across a step of Dzyaloshinskii-Moriya interaction. <b>2017</b> , 17, 1576-1581	5
588	Parametric frequency mixing in a magnetoelastically driven linear ferromagnetic-resonance oscillator. <b>2017</b> , 95,	23
587	Light scattering by magnons in whispering gallery mode cavities. <b>2017</b> , 96,	58
586	Robust magnon-photon coupling in a planar-geometry hybrid of inverted split-ring resonator and YIG film. <b>2017</b> , 7, 11930	22
585	Spin wave excitation in sub-micrometer thick Y <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> films fabricated by pulsed laser deposition on garnet and silicon substrates: A comparative study. <b>2017</b> , 122, 123904	12
584	Metallic ferromagnetic films with magnetic damping under 1.4 $\mu$ m. <b>2017</b> , 8, 234	57
583	The role of Snell's law for a magnonic majority gate. <b>2017</b> , 7, 7898	28
582	Parallel pumping for magnon spintronics: Amplification and manipulation of magnon spin currents on the micron-scale. <b>2017</b> , 699, 1-34	49
581	Magnonic band structure in a Co/Pd stripe domain system investigated by Brillouin light scattering and micromagnetic simulations. <b>2017</b> , 96,	32
580	Reciprocal excitation of propagating spin waves by a laser pulse and their reciprocal mapping in magnetic metal films. <b>2017</b> , 96,	16
579	Low spin wave damping in the insulating chiral magnet Cu <sub>2</sub> OSeO <sub>3</sub> . <b>2017</b> , 111, 032408	25
578	Long-range spin wave mediated control of defect qubits in nanodiamonds. <b>2017</b> , 3,	64
577	Information processing in patterned magnetic nanostructures with edge spin waves. <b>2017</b> , 7, 5597	12
576	Pseudo-One-Dimensional Magnonic Crystals for High-Frequency Nanoscale Devices. <b>2017</b> , 8,	20
575	Spin wave propagation in a uniformly biased curved magnonic waveguide. <b>2017</b> , 96,	52
574	Cavity-mediated coupling of phonons and magnons. <b>2017</b> , 96,	41

573	Analytical description of the mode hybridization in a restricted two-dimensional model for an electromagnetic cavity containing a thin magnetized slab. <b>2017</b> , 96,		1
572	Nondegenerate Parametric Pumping of Spin Waves by Acoustic Waves. <b>2017</b> , 8, 1-4		9
571	Magnetization reversal in YIG/GGG(111) nanoheterostructures grown by laser molecular beam epitaxy. <b>2017</b> , 18, 351-363		24
570	Magnonic topological insulators in antiferromagnets. <b>2017</b> , 96,		65
569	Spin-wave propagation in the presence of inhomogeneous Dzyaloshinskii-Moriya interactions. <b>2017</b> , 96,		9
568	Berry curvature for magnons in ferromagnetic films with dipole-exchange interactions. <b>2017</b> , 96,		7
567	Collective spin excitations of helices and magnetic skyrmions: review and perspectives of magnonics in non-centrosymmetric magnets. <i>Journal Physics D: Applied Physics</i> , <b>2017</b> , 50, 293002	3	122
566	Ultrabroadband spin-wave propagation in Co <sub>2</sub> (Mn <sub>0.6</sub> Fe <sub>0.4</sub> )Si thin films. <b>2017</b> , 96,		11
565	Spin wave modes of width modulated Ni <sub>80</sub> Fe <sub>20</sub> /Pt nanostrip detected by spin-orbit torque induced ferromagnetic resonance. <b>2017</b> , 111, 172407		7
564	Growth and properties of yttrium-iron garnet films with a higher iron content. <b>2017</b> , 442, 189-195		5
563	Spin waves with large decay length and few 100 nm wavelengths in thin yttrium iron garnet grown at the wafer scale. <b>2017</b> , 111, 012403		25
562	Spin-wave propagation in cubic anisotropy materials. <b>2017</b> , 9,		13
561	Long-distance spin transport in a disordered magnetic insulator. <b>2017</b> , 13, 987-993		49
560	Paving Spin-Wave Fibers in Magnonic Nanocircuits Using Spin-Orbit Torque. <b>2017</b> , 7,		10
559	Micro-Focused Pulse Laser-Induced Propagating Spin Waves in Permalloy Films With Different Thicknesses. <b>2017</b> , 53, 1-4		3
558	Spin pumping, dissipation, and direct and alternating inverse spin Hall effects in magnetic-insulator/normal-metal bilayers. <b>2017</b> , 95,		2
557	Structural and magnetic properties of electrospun yttrium iron garnet (YIG) nanofibers. <b>2017</b> , 43, 1236-1241		14
556	Influence of magnetic anisotropy on dynamic magnonic crystals created by surface acoustic waves in yttrium iron garnet films. <b>2017</b> , 426, 666-669		14

555	Spin-Orbitronics at Transition Metal Interfaces. <b>2017</b> , 68, 1-89		18
554	Nonlinear spin waves in dynamic magnonic crystals created by surface acoustic waves in yttrium iron garnet films. <i>Journal Physics D: Applied Physics</i> , <b>2017</b> , 50, 495004	3	10
553	The full magnon spectrum of yttrium iron garnet. <b>2017</b> , 2,		46
552	Splitting of ferromagnetic resonance spectra of periodically modulated one dimensional magnonic crystals. <b>2017</b> ,		
551	Preparation of epitaxial yttrium-iron garnet micropatterns using metal-organic decomposition with electron-beam irradiation. <b>2017</b> , 56, 110303		1
550	Thermodynamic entanglement of magnonic condensates. <b>2018</b> , 97,		11
549	Phase-resolved spin-wave tomography. <b>2018</b> , 112, 072410		5
548	Investigation of the difference between spin Hall magnetoresistance rectification and spin pumping from the viewpoint of magnetization dynamics. <b>2018</b> , 112, 092406		4
547	Topological Magnonics: A Paradigm for Spin-Wave Manipulation and Device Design. <b>2018</b> , 9,		66
546	Superconductivity induced by interfacial coupling to magnons. <b>2018</b> , 97,		10
545	Magnon Valve Effect between Two Magnetic Insulators. <b>2018</b> , 120, 097205		59
544	Spin-Current-Controlled Modulation of the Magnon Spin Conductance in a Three-Terminal Magnon Transistor. <b>2018</b> , 120, 097702		61
543	Topological Magnon Modes in Patterned Ferrimagnetic Insulator Thin Films. <b>2018</b> , 18, 3032-3037		20
542	Exchange-torque-induced excitation of perpendicular standing spin waves in nanometer-thick YIG films. <b>2018</b> , 8, 5755		59
541	Dipolar interaction induced band gaps and flat modes in surface-modulated magnonic crystals. <b>2018</b> , 97,		18
540	Measurement of a magnonic crystal at millikelvin temperatures. <b>2018</b> , 112, 012402		8
539	Magnon and phonon thermometry with inelastic light scattering. <i>Journal Physics D: Applied Physics</i> , <b>2018</b> , 51, 133001	3	11
538	Reservoir Computing With Spin Waves Excited in a Garnet Film. <b>2018</b> , 6, 4462-4469		62

537	Terahertz Magnon-Polaritons in TmFeO. <b>2018</b> , 5, 1375-1380		31
536	Excitation of the three principal spin waves in yttrium iron garnet using a wavelength-specific multi-element antenna. <b>2018</b> , 8, 056015		3
535	Reconfigurable nanoscale spin-wave directional coupler. <b>2018</b> , 4, e1701517		92
534	Ultrafast laser-induced changes of the magnetic anisotropy in a low-symmetry iron garnet film. <b>2018</b> , 97,		26
533	Unidirectional Spin-Wave-Propagation-Induced Seebeck Voltage in a PEDOT:PSS/YIG Bilayer. <b>2018</b> , 120, 047201		15
532	All optical detection of picosecond spin-wave dynamics in 2D annular antidot lattice. <i>Journal Physics D: Applied Physics</i> , <b>2018</b> , 51, 055004	3	5
531	Tunable RKKY interaction in a double quantum dot nanoelectromechanical device. <b>2018</b> , 97,		3
530	Single-nitrogen-vacancy-center quantum memory for a superconducting flux qubit mediated by a ferromagnet. <b>2018</b> , 97,		13
529	Magnetic droplet soliton nucleation in oblique fields. <b>2018</b> , 97,		13
528	Frequency and wavenumber selective excitation of spin waves through coherent energy transfer from elastic waves. <b>2018</b> , 97,		30
527	Detecting the phonon spin in magnon-phonon conversion experiments. <b>2018</b> , 14, 500-506		91
526	Influence of microwave magnetic dissipation on dispersion characteristic of a magnonic crystal. <b>2018</b> ,		1
525	Synthesis and characterization of YIG nanoparticles by low temperature sintering. <b>2018</b> , 29, 9369-9374		2
524	Measurements of long-wavelength spin waves for the magnetic field in the Damon-Eshbach, backward-volume and forward-volume geometries of an yttrium iron garnet film. <b>2018</b> , 123, 123902		1
523	Spin-wave beam propagation in ferromagnetic thin films with graded refractive index: Mirage effect and prospective applications. <b>2018</b> , 97,		18
522	Spin-Torque Excitation of Perpendicular Standing Spin Waves in Coupled YIG/Co Heterostructures. <b>2018</b> , 120, 127201		76
521	Anomalous magnon Nernst effect of topological magnonic materials. <i>Journal Physics D: Applied Physics</i> , <b>2018</b> , 51, 194001	3	11
520	Magnon diffusion theory for the spin Seebeck effect in ferromagnetic and antiferromagnetic insulators. <i>Journal Physics D: Applied Physics</i> , <b>2018</b> , 51, 174004	3	24

519	Magnetization spin dynamics in a (LuBi) <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> (BLIG) epitaxial film. <b>2018</b> , 448, 159-164		
518	Strong excitation of surface and bulk spin waves in yttrium iron garnet placed in a split ring resonator. <i>Journal Physics D: Applied Physics</i> , <b>2018</b> , 51, 065003	3	2
517	Excitation of spin waves in BiFeO <sub>3</sub> multiferroic film by the slot line transducer. <i>Journal Physics D: Applied Physics</i> , <b>2018</b> , 51, 045003	3	1
516	Effects of isovalent substitution on structural and magnetic properties of nanocrystalline Y <sub>3-x</sub> GdxFe <sub>5</sub> O <sub>12</sub> (0 ≤ x ≤ 3) garnets. <b>2018</b> , 452, 48-54		9
515	Dispersion of the magnetostatic volume waves in a medium with damping. <b>2018</b> , 185, 02015		
514	Time-Resolved Measurements of Surface Spin-Wave Pulses at Millikelvin Temperatures. <b>2018</b> , 10,		5
513	A Luneburg lens for spin waves. <b>2018</b> , 113, 212404		31
512	Magnetic anisotropy manipulation of the femtosecond laser-excited spin wave modes in full-Heusler CoFe Mn Al films. <b>2018</b> , 30, 485802		1
511	Modified dispersion law for spin waves coupled to a superconductor. <b>2018</b> , 124, 233903		9
510	Propagating spin waves in nanometer-thick yttrium iron garnet films: Dependence on wave vector, magnetic field strength, and angle. <b>2018</b> , 98,		19
509	Specific Features of the Magnetic Anisotropy of Thin Yttrium Iron Garnet Films Prepared by Pulsed Laser Deposition. <b>2018</b> , 119, 1062-1067		3
508	Low-loss YIG-based magnonic crystals with large tunable bandgaps. <b>2018</b> , 9, 5445		35
507	Topological magnon modes in a chain of magnetic spheres. <b>2018</b> , 98,		17
506	Role of magnons and the size effect in heat transport through an insulating ferromagnet/insulator interface. <b>2018</b> , 98,		7
505	Linear and nonlinear spin-wave dynamics in ultralow-damping microstructured Co <sub>2</sub> FeAl Heusler waveguide. <b>2018</b> , 113, 232404		2
504	Magnonic noise and Wiedemann-Franz law. <b>2018</b> , 98,		8
503	An analog magnon adder for all-magnonic neurons. <b>2018</b> , 124, 152119		29
502	Magnetic Vortices. <b>2018</b> , 75-115		2



501	Perspective: Strong microwave photon-magnon coupling in multiresonant dielectric antennas. <b>2018</b> , 124, 150901	8
500	Effect of Annealing on the Structural and FMR Properties of Epitaxial YIG Thin Films Grown by RF Magnetron Sputtering. <b>2018</b> , 54, 1-5	7
499	Frequency-Division Multiplexing in Magnonic Logic Networks Based on Caustic-Like Spin-Wave Beams. <b>2018</b> , 12, 1800409	24
498	Magnon valves based on YIG/NiO/YIG all-insulating magnon junctions. <b>2018</b> , 98,	24
497	Modal Analysis of Optomagnonic Resonators (Invited paper). <b>2018</b> ,	
496	Nonlinear relaxation between magnons and phonons in insulating ferromagnets. <b>2018</b> , 98,	5
495	Temperature Dependence of Magnetic Properties of a Ultrathin Yttrium-Iron Garnet Film Grown by Liquid Phase Epitaxy: Effect of a Pt Overlayer. <b>2018</b> , 9, 1-5	10
494	Time-domain propagating spin-wave spectroscopy for forward spin waves in a ferromagnetic metal. <b>2018</b> , 57, 0902B4	1
493	Atomic-scale structure and chemistry of YIG/GGG. <b>2018</b> , 8, 085117	3
492	Growth of yttrium iron garnet on SiO <sub>2</sub> . <b>2018</b> , 36, 031518	1
491	Static and Dynamic Magnetic Properties of Single-Crystalline Yttrium Iron Garnet Films Epitaxially Grown on Three Garnet Substrates. <b>2018</b> , 4, 1800106	16
490	Weak localization of magnons in chiral magnets. <b>2018</b> , 97,	3
489	Stress-induced magnetic properties of PLD-grown high-quality ultrathin YIG films. <b>2018</b> , 123, 203902	16
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461	Rigorous broadband study of the intrinsic ferromagnetic linewidth of monocrystalline garnet spheres. <b>2019</b> , 9, 9434	5
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433	Magnetic order and single-ion anisotropy in Tb <sub>3</sub> Ga <sub>5</sub> O <sub>12</sub> . <b>2019</b> , 100,	4
432	Impact of electromagnetic fields and heat on spin transport signals in Y <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> . <b>2019</b> , 100,	4
431	Two-Dimensional Magnonic Crystals. <b>2019</b> , 233-250	1
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429	Direct detection of multiple backward volume modes in yttrium iron garnet at micron scale wavelengths. <b>2019</b> , 99,	4
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404	Observation of enhanced magnetic anisotropy in PLD YIG thin film on GGG (1 1 1) substrate. <b>2019</b> , 483, 191-195	5
403	Optimization of Spin-Wave Propagation with Enhanced Group Velocities by Exchange-Coupled Ferrimagnet-Ferromagnet Bilayers. <b>2019</b> , 11,	11
402	Magnetoimpedance effect in ferrimagnetic insulator yttrium iron garnet films capped by copper. <b>2019</b> , 480, 6-10	6
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400	Magnetostatic spin-waves in an yttrium iron garnet thin film: Comparison between theory and experiment for arbitrary field directions. <b>2019</b> , 126, 243906	1
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384	Nonlinear Loss Model in Absorptive-Type Ferrite Frequency-Selective Limiters. <b>2019</b> , 67, 4871-4880	9
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311	Coupling Nanostructured CsNiCr Prussian Blue Analogue to Resonant Microwave Fields. <b>2020</b> , 3, 1900101	1
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292	Detecting Phase-Resolved Magnetization Dynamics by Magneto-Optic Effects at 1550 nm Wavelength. <b>2021</b> , 57, 1-7	1
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290	Magnetization Dynamics Behavior in Y <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> Particles. <b>2021</b> , 34, 551-559	
289	Magnetic Oxides and Other Compounds. <b>2021</b> , 1-76	
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286	Current-induced spin-wave Doppler shift and attenuation in compensated ferrimagnets. <b>2021</b> , 103,	1

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262	Dependence of nonlinear response and magnon scattering on material properties. <b>2021</b> , 129, 163903	4
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260	Topological magnonics. <b>2021</b> , 129, 151101	6
259	Theory for phonon pumping by magnonic spin currents. <b>2021</b> , 103,	1
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256	Acoustic wave surfing: spin waves and spin pumping driven by elastic wave. <i>Journal Physics D: Applied Physics</i> , <b>2021</b> , 54, 255001	3
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247	Local heat emission due to unidirectional spin-wave heat conveyer effect observed by lock-in thermography. <b>2021</b> , 118, 222404		3
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