

# Gerrit van der Laan

## 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.

575  
papers

22,367  
citations

67  
h-index

128  
g-index

602  
ext. papers

24,210  
ext. citations

4.4  
avg, IF

6.82  
L-index

#	Paper	IF	Citations
575	Electric field control of chirality.. <i>Science Advances</i> , <b>2022</b> , 8, eabj8030	14.3	6
574	Ultrafast time-evolution of chiral Néel magnetic domain walls probed by circular dichroism in x-ray resonant magnetic scattering.. <i>Nature Communications</i> , <b>2022</b> , 13, 1412	17.4	1
573	Chiral structures of electric polarization vectors quantified by X-ray resonant scattering.. <i>Nature Communications</i> , <b>2022</b> , 13, 1769	17.4	0
572	Covalent Mixing in the 2D Ferromagnet CrSiTe 3 Evidenced by Magnetic X-Ray Circular Dichroism. <i>Physica Status Solidi - Rapid Research Letters</i> , <b>2022</b> , 16, 2100566	2.5	0
571	Superposition of Emergent Monopole and Antimonopole in CoTb Thin Films. <i>Physical Review Letters</i> , <b>2021</b> , 127, 217201	7.4	1
570	Transition Metal Synthetic Ferrimagnets: Tunable Media for All-Optical Switching Driven by Nanoscale Spin Current. <i>Nano Letters</i> , <b>2021</b> , 21, 9210-9216	11.5	1
569	Substrate dependent reduction of Gilbert damping in annealed Heusler alloy thin films grown on group IV semiconductors. <i>Applied Physics Letters</i> , <b>2021</b> , 119, 172404	3.4	1
568	Resonant inelastic x-ray spectroscopy on UO as a test case for actinide materials. <i>Journal of Physics Condensed Matter</i> , <b>2021</b> , 33, 06LT01	1.8	1
567	Electronic multipoles in second harmonic generation and neutron scattering. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	1
566	Diffraction by multipoles in a 5d2 rhenium double perovskite. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	1
565	Deriving the skyrmion Hall angle from skyrmion lattice dynamics. <i>Nature Communications</i> , <b>2021</b> , 12, 2723	7.4	3
564	2p x-ray absorption spectroscopy of 3d transition metal systems. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2021</b> , 249, 147061	1.7	12
563	Study of Spin Pumping through Mn Thin Films. <i>Physica Status Solidi - Rapid Research Letters</i> , <b>2021</b> , 15, 2100137	2.5	2
562	Creation of a Chiral Bobber Lattice in Helimagnet-Multilayer Heterostructures. <i>Physical Review Letters</i> , <b>2021</b> , 126, 017204	7.4	6
561	Depth profiling of 3D skyrmion lattices in a chiral magnet structure with a twist. <i>AIP Advances</i> , <b>2021</b> , 11, 015108	1.5	0
560	Magnetization dynamics in ordered spin structures revealed by diffractive and reflectometry ferromagnetic resonance. <i>AIP Advances</i> , <b>2021</b> , 11, 015327	1.5	0
559	Canted standing spin-wave modes of permalloy thin films observed by ferromagnetic resonance. <i>New Journal of Physics</i> , <b>2021</b> , 23, 023017	2.9	0

558	Spin-current mediated exchange coupling in MgO-based magnetic tunnel junctions. <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	2
557	Periodically modulated skyrmion strings in Cu <sub>2</sub> OSeO <sub>3</sub> . <i>Npj Quantum Materials</i> , <b>2021</b> , 6,	5	1
556	Absence of Magnetic Proximity Effect at the Interface of Bi <sub>2</sub> Se <sub>3</sub> and (Bi,Sb) <sub>2</sub> Te <sub>3</sub> with EuS. <i>Physical Review Letters</i> , <b>2020</b> , 125, 226801	7.4	12
555	Optically and Microwave-Induced Magnetization Precession in [Co/Pt]/NiFe Exchange Springs. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 52116-52124	9.5	1
554	Direct observation of the energy gain underpinning ferromagnetic superexchange in the electronic structure of CrGeTe <sub>3</sub> . <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	7
553	Coherent Transfer of Spin Angular Momentum by Evanescent Spin Waves within Antiferromagnetic NiO. <i>Physical Review Letters</i> , <b>2020</b> , 124, 217201	7.4	24
552	Transuranium compounds probed by nonresonant inelastic x-ray scattering. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	5
551	Element- and Time-Resolved Measurements of Spin Dynamics Using X-ray Detected Ferromagnetic Resonance. <i>Synchrotron Radiation News</i> , <b>2020</b> , 33, 12-19	0.6	6
550	Tailoring the Hybrid Anomalous Hall Response in Engineered Magnetic Topological Insulator Heterostructures. <i>Nano Letters</i> , <b>2020</b> , 20, 1731-1737	11.5	13
549	Diameter-independent skyrmion Hall angle observed in chiral magnetic multilayers. <i>Nature Communications</i> , <b>2020</b> , 11, 428	17.4	36
548	Field and temperature dependence of the skyrmion lattice phase in chiral magnet membranes. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	5
547	Magnetic skyrmion interactions in the micromagnetic framework. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	6
546	Robust Perpendicular Skyrmions and Their Surface Confinement. <i>Nano Letters</i> , <b>2020</b> , 20, 1428-1432	11.5	5
545	Mode-Resolved Detection of Magnetization Dynamics Using X-ray Diffractive Ferromagnetic Resonance. <i>Nano Letters</i> , <b>2020</b> , 20, 345-352	11.5	5
544	Bacterial production of vanadium ferrite spinel (Fe,V) <sub>3</sub> O <sub>4</sub> nanoparticles. <i>Mineralogical Magazine</i> , <b>2020</b> , 84, 554-562	1.7	3
543	Depth-Resolved Magnetization Dynamics Revealed by X-Ray Reflectometry Ferromagnetic Resonance. <i>Physical Review Letters</i> , <b>2020</b> , 125, 137201	7.4	5
542	Electron Beam Lithography of Magnetic Skyrmions. <i>Advanced Materials</i> , <b>2020</b> , 32, e2003003	24	14
541	Effect of Fe-metabolizing bacteria and humic substances on magnetite nanoparticle reactivity towards arsenic and chromium. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 384, 121450	12.8	10

540	Magnetic multipoles and correlation shortage in the pyrochlore cerium stannate Ce <sub>2</sub> Sn <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	2
539	TEM-EELS analyses of protactinium. <i>Materials Research Express</i> , <b>2019</b> , 6, 026307	1.7	1
538	Magnetic multipoles in a ruthenate Ca <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	3
537	Curie Temperature Enhancement and Cation Ordering in Titanomagnetites: Evidence From Magnetic Properties, XMCD, and Mössbauer Spectroscopy. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2019</b> , 20, 2272	3.6	1
536	Skyrmions in anisotropic magnetic fields: strain and defect driven dynamics. <i>MRS Advances</i> , <b>2019</b> , 4, 643-650	6.5	3
535	Oriented 3D Magnetic Biskyrmions in MnNiGa Bulk Crystals. <i>Advanced Materials</i> , <b>2019</b> , 31, e1900264	24	13
534	Direct Observation of Anapoles by Neutron Diffraction. <i>Physical Review Letters</i> , <b>2019</b> , 122, 047203	7.4	5
533	Anatomy of Skyrmionic Textures in Magnetic Multilayers. <i>Advanced Materials</i> , <b>2019</b> , 31, e1807683	24	41
532	Experimental observation of dual magnetic states in topological insulators. <i>Science Advances</i> , <b>2019</b> , 5, eaav2088	14.3	15
531	Magnetic profile of proximity-coupled (Dy,Bi) <sub>2</sub> Te <sub>3</sub> /(Cr,Sb) <sub>2</sub> Te <sub>3</sub> topological insulator heterostructures. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	7
530	Magnetic Transition in Monolayer VSe Interface Hybridization. <i>ACS Nano</i> , <b>2019</b> , 13, 8997-9004	16.7	57
529	Expanding the Lorentz concept in magnetism. <i>New Journal of Physics</i> , <b>2019</b> , 21, 073063	2.9	1
528	CrTe Thin Films for Integration in Magnetic Topological Insulator Heterostructures. <i>Scientific Reports</i> , <b>2019</b> , 9, 10793	4.9	16
527	Helical magnetic ordering in thin FeGe membranes. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	3
526	Ferromagnet/Two-Dimensional Semiconducting Transition-Metal Dichalcogenide Interface with Perpendicular Magnetic Anisotropy. <i>ACS Nano</i> , <b>2019</b> , 13, 2253-2261	16.7	21
525	Field-induced magnetic charge in a cubic Laves compound UAl <sub>2</sub> . <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1316, 012004	0.3	1
524	Circular dichroism of second harmonic generation response. <i>Physical Review B</i> , <b>2019</b> , 100,	3.3	2
523	Antidamping torques from simultaneous resonances in ferromagnet-topological insulator-ferromagnet heterostructures. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2019</b> , 473, 470-476	2.8	3

522	Enhanced magnetoelectric effect in M-type hexaferrites by Co substitution into trigonal bi-pyramidal sites. <i>Applied Physics Letters</i> , <b>2018</b> , 112, 082401	3-4	14
521	Magnetic imaging of antiferromagnetic and superconducting phases in $Rb_xFe_2VSe_2$ crystals. <i>Physical Review B</i> , <b>2018</b> , 97,	3-3	4
520	Biosynthesis and Characterization of Copper Nanoparticles Using <i>Shewanella oneidensis</i> : Application for Click Chemistry. <i>Small</i> , <b>2018</b> , 14, 1703145	11	87
519	Real-Space Observation of Skyrmionium in a Ferromagnet-Magnetic Topological Insulator Heterostructure. <i>Nano Letters</i> , <b>2018</b> , 18, 1057-1063	11.5	65
518	Investigation of magnetic droplet solitons using x-ray holography with extended references. <i>Scientific Reports</i> , <b>2018</b> , 8, 11533	4-9	2
517	Magnetic X-ray spectroscopy of two-dimensional $CrI_3$ layers. <i>Materials Letters</i> , <b>2018</b> , 232, 5-7	3-3	22
516	Reciprocal space tomography of 3D skyrmion lattice order in a chiral magnet. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 6386-6391	11.5	47
515	Crossover from lattice to plasmonic polarons of a spin-polarised electron gas in ferromagnetic $EuO$ . <i>Nature Communications</i> , <b>2018</b> , 9, 2305	17.4	19
514	Electronic Structure and Enhanced Charge-Density Wave Order of Monolayer $VSe_2$ . <i>Nano Letters</i> , <b>2018</b> , 18, 4493-4499	11.5	136
513	Observation of magnetic vortex pairs at room temperature in a planar $FeO/Co$ heterostructure. <i>Nature Materials</i> , <b>2018</b> , 17, 581-585	27	45
512	Imposing long-range ferromagnetic order in rare-earth-doped magnetic topological-insulator heterostructures. <i>Physical Review Materials</i> , <b>2018</b> , 2,	3-2	14
511	Crystal-field states of $UO_2$ probed by directional dependence of nonresonant inelastic x-ray scattering. <i>Physical Review B</i> , <b>2018</b> , 98,	3-3	8
510	Resonant x-ray diffraction from chiral electric-polarization structures. <i>Physical Review B</i> , <b>2018</b> , 98,	3-3	12
509	Manipulation of skyrmion motion by magnetic field gradients. <i>Nature Communications</i> , <b>2018</b> , 9, 2115	17.4	46
508	Direct Observation of Twisted Surface skyrmions in Bulk Crystals. <i>Physical Review Letters</i> , <b>2018</b> , 120, 227202	7-4	43
507	Microscopic effects of Dy doping in the topological insulator $Bi_2Te_3$ . <i>Physical Review B</i> , <b>2018</b> , 97,	3-3	16
506	Time-resolved X-ray detected ferromagnetic resonance of spin currents. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2017</b> , 220, 137-146	1-7	16
505	Direct experimental determination of the topological winding number of skyrmions in $CuOSeO$ . <i>Nature Communications</i> , <b>2017</b> , 8, 14619	17.4	22

504	Anisotropic magnetic switching along hard [1 1 0]-type axes in Er-doped DyFe <sub>2</sub> /YFe <sub>2</sub> thin films. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2017</b> , 439, 287-293	2.8	1
503	XMCD and XMCD-PEEM Studies on Magnetic-Field-Assisted Self-Assembled 1D Nanochains of Spherical Ferrite Particles. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1701265	15.6	16
502	Room-temperature helimagnetism in FeGe thin films. <i>Scientific Reports</i> , <b>2017</b> , 7, 123	4.9	30
501	Magnetic spectroscopy of nanoparticulate greigite, Fe <sub>3</sub> S <sub>4</sub> . <i>Mineralogical Magazine</i> , <b>2017</b> , 81, 857-872	1.7	4
500	Direct experimental determination of spiral spin structures via the dichroism extinction effect in resonant elastic soft x-ray scattering. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	16
499	Iron Biochemistry is Correlated with Amyloid Plaque Morphology in an Established Mouse Model of Alzheimer's Disease. <i>Cell Chemical Biology</i> , <b>2017</b> , 24, 1205-1215.e3	8.2	95
498	Quantifying the critical thickness of electron hybridization in spintronics materials. <i>Nature Communications</i> , <b>2017</b> , 8, 16051	17.4	20
497	Enhanced spin-orbit torque by engineering Pt resistivity in Pt/Co/AlO <sub>x</sub> structures. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	49
496	Dependence of spin pumping and spin transfer torque upon Ni <sub>81</sub> Fe <sub>19</sub> thickness in Ta/Ag/Ni <sub>81</sub> Fe <sub>19</sub> /Ag/Co <sub>2</sub> MnGe/Ag/Ta spin-valve structures. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	6
495	Magnetic proximity coupling to Cr-doped Sb <sub>2</sub> Te <sub>3</sub> thin films. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	28
494	X-ray magnetic circular dichroism study of Dy-doped Bi <sub>2</sub> Te <sub>3</sub> topological insulator thin films. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2017</b> , 422, 93-99	2.8	10
493	Codoping of Sb <sub>2</sub> Te <sub>3</sub> thin films with V and Cr. <i>Physical Review Materials</i> , <b>2017</b> , 1,	3.2	14
492	Structural, electronic, and magnetic investigation of magnetic ordering in MBE-grown Cr x Sb <sub>2</sub> Te <sub>3</sub> thin films. <i>Europhysics Letters</i> , <b>2016</b> , 115, 27006	1.6	18
491	X-ray absorption study of 3d transition-metals and Mg in glasses and analogue crystalline materials in A Fe <sub>3</sub> + Si <sub>2</sub> O <sub>6</sub> and A <sub>2</sub> X <sub>2</sub> + Si <sub>5</sub> O <sub>12</sub> , where A = K, Rb, or Cs and X = Mg, Mn, Fe, Co, Ni, Cu, or Zn. <i>Journal of Non-Crystalline Solids</i> , <b>2016</b> , 451, 23-48	3.9	7
490	Time-resolved imaging of magnetic vortex dynamics using holography with extended reference autocorrelation by linear differential operator. <i>Scientific Reports</i> , <b>2016</b> , 6, 36307	4.9	21
489	Resonant elastic x-ray scattering from the skyrmion lattice in Cu <sub>2</sub> OSeO <sub>3</sub> . <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	32
488	Size dependent microbial oxidation and reduction of magnetite nano- and micro-particles. <i>Scientific Reports</i> , <b>2016</b> , 6, 30969	4.9	23
487	Oxidation Effects in Rare Earth Doped Topological Insulator Thin Films. <i>Scientific Reports</i> , <b>2016</b> , 6, 229354.9	14	

486	Magnetic ordering in Ho-doped Bi <sub>2</sub> Te <sub>3</sub> topological insulator. <i>Physica Status Solidi - Rapid Research Letters</i> , <b>2016</b> , 10, 467-470	2.5	6
485	Holographic Magnetic Imaging of Single-Layer Nanocontact Spin-Transfer Oscillators. <i>IEEE Transactions on Magnetics</i> , <b>2016</b> , 52, 1-4	2	3
484	On the possibility of using X-ray Compton scattering to study magnetoelectrical properties of crystals. <i>Acta Crystallographica Section A: Foundations and Advances</i> , <b>2016</b> , 72, 197-205	1.7	5
483	Anisotropic Absorption of Pure Spin Currents. <i>Physical Review Letters</i> , <b>2016</b> , 116, 047201	7.4	33
482	Probing the Buried Magnetic Interfaces. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 5752-7	9.5	7
481	Hybridization-induced charge rebalancing at the weakly interactive C60/Fe <sub>3</sub> O <sub>4</sub> (001) spinterface. <i>Organic Electronics</i> , <b>2016</b> , 29, 39-43	3.5	18
480	Magnetic Dichroism Studies of Spintronic Structures <b>2016</b> , 709-755		1
479	Inter and intra macro-cell model for point dipole-dipole energy calculations. <i>Journal of Physics Condensed Matter</i> , <b>2016</b> , 28, 066001	1.8	9
478	Neutron diffraction and the electronic properties of BaFe <sub>2</sub> Se <sub>3</sub> . <i>Physica Scripta</i> , <b>2016</b> , 91, 015803	2.6	9
477	Spin pumping in magnetic trilayer structures with an MgO barrier. <i>Scientific Reports</i> , <b>2016</b> , 6, 35582	4.9	17
476	Engineering helimagnetism in MnSi thin films. <i>AIP Advances</i> , <b>2016</b> , 6, 015217	1.5	6
475	Imaging and manipulation of skyrmion lattice domains in Cu <sub>2</sub> OSeO <sub>3</sub> . <i>Applied Physics Letters</i> , <b>2016</b> , 109, 192406	3.4	14
474	Strain in epitaxial MnSi films on Si(111) in the thick film limit studied by polarization-dependent extended x-ray absorption fine structure. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	10
473	Experimental and density functional study of Mn doped Bi <sub>2</sub> Te <sub>3</sub> topological insulator. <i>APL Materials</i> , <b>2016</b> , 4, 126103	5.7	12
472	On the temperature dependence of spin pumping in ferromagnet/topological insulator/ferromagnet spin valves. <i>Results in Physics</i> , <b>2016</b> , 6, 293-294	3.7	5
471	Spin pumping through a topological insulator probed by x-ray detected ferromagnetic resonance. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2016</b> , 400, 178-183	2.8	13
470	Multidomain Skyrmion Lattice State in Cu <sub>2</sub> OSeO <sub>3</sub> . <i>Nano Letters</i> , <b>2016</b> , 16, 3285-91	11.5	65
469	Asymptotic behavior of local dipolar fields in thin films. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2016</b> , 416, 449-456	2.8	4

468	Direct Detection of Pure ac Spin Current by X-Ray Pump-Probe Measurements. <i>Physical Review Letters</i> , <b>2016</b> , 117, 076602	7.4	36
467	Long-lived magnetism from solidification-driven convection on the pallasite parent body. <i>Nature</i> , <b>2015</b> , 517, 472-5	50.4	52
466	Electronic structure of (Ga,Mn)As as seen by synchrotron radiation. <i>Semiconductor Science and Technology</i> , <b>2015</b> , 30, 043001	1.8	11
465	Local Structure and Bonding of Transition Metal Dopants in Bi <sub>2</sub> Se <sub>3</sub> Topological Insulator Thin Films. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 17344-17351	3.8	38
464	Atomic-Scale Interfacial Magnetism in Fe/Graphene Heterojunction. <i>Scientific Reports</i> , <b>2015</b> , 5, 11911	4.9	24
463	Long-range antiferromagnetic order of formally nonmagnetic Eu <sup>3+</sup> Van Vleck ions observed in multiferroic Eu <sub>1-x</sub> Y <sub>x</sub> MnO <sub>3</sub> . <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	4
462	Magnetization dynamics in an exchange-coupled NiFe/CoFe bilayer studied by x-ray detected ferromagnetic resonance. <i>New Journal of Physics</i> , <b>2015</b> , 17, 013019	2.9	33
461	Imaging the equilibrium state and magnetization dynamics of partially built hard disk write heads. <i>Applied Physics Letters</i> , <b>2015</b> , 106, 232404	3.4	5
460	X-ray magnetic circular dichroism on La <sub>2/3</sub> Ca <sub>1/3</sub> Mn <sub>0.97</sub> Fe <sub>0.03</sub> O <sub>3</sub> thin films. <i>Superlattices and Microstructures</i> , <b>2015</b> , 87, 42-46	2.8	5
459	Selective Tuning of Gilbert Damping in Spin-Valve Trilayer by Insertion of Rare-Earth Nanolayers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 17070-5	9.5	13
458	Atomic-Scale Magnetism of Cr-Doped Bi <sub>2</sub> Se <sub>3</sub> Thin Film Topological Insulators. <i>ACS Nano</i> , <b>2015</b> , 9, 10237-10247	13.7	46
457	Angular Control of a Hybrid Magnetic Metamolecule Using Anisotropic FeCo. <i>Physical Review Applied</i> , <b>2015</b> , 4,	4.3	6
456	Exchange spring switching in Er-doped DyFe <sub>2</sub> /YFe <sub>2</sub> magnetic thin films. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	5
455	Oxidation and crystal field effects in uranium. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	35
454	Long-Range Spin Currents with Chiral Crystals. <i>Physics Magazine</i> , <b>2015</b> , 8,	1.1	1
453	Observation of vortex dynamics in arrays of nanomagnets. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	9
452	Magnetic proximity-enhanced Curie temperature of Cr-doped Bi <sub>2</sub> Se <sub>3</sub> thin films. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	22
451	Spin pumping in ferromagnet-topological insulator-ferromagnet heterostructures. <i>Scientific Reports</i> , <b>2015</b> , 5, 7907	4.9	68



450	Study of Ho-doped Bi <sub>2</sub> Te <sub>3</sub> topological insulator thin films. <i>Applied Physics Letters</i> , <b>2015</b> , 107, 182406	3.4	20
449	Tailoring of magnetic properties of ultrathin epitaxial Fe films by Dy doping. <i>AIP Advances</i> , <b>2015</b> , 5, 077113	1.7	3
448	Zen and the art of dichroic photoemission. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , <b>2015</b> , 200, 143-159	1.7	6
447	High-Mobility Sm-Doped Bi <sub>2</sub> Se <sub>3</sub> Ferromagnetic Topological Insulators and Robust Exchange Coupling. <i>Advanced Materials</i> , <b>2015</b> , 27, 4823-9	24	36
446	Magnetic reversal in Dy-doped DyFe <sub>2</sub> /YFe <sub>2</sub> superlattice films. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	4
445	Study of Dy-doped Bi <sub>2</sub> Te <sub>3</sub> thin film growth and magnetic properties. <i>Journal of Physics Condensed Matter</i> , <b>2015</b> , 27, 245602	1.8	31
444	Enhancing magnetic ordering in Cr-doped Bi <sub>2</sub> Se <sub>3</sub> using high-TC ferrimagnetic insulator. <i>Nano Letters</i> , <b>2015</b> , 15, 764-9	11.5	69
443	Magnetic Dichroism Studies of Spintronic Structures <b>2015</b> , 1-39		
442	Study of Gd-doped Bi <sub>2</sub> Te <sub>3</sub> thin films: Molecular beam epitaxy growth and magnetic properties. <i>Journal of Applied Physics</i> , <b>2014</b> , 115, 023904	2.5	40
441	Engineering Gilbert damping by dilute Gd doping in soft magnetic Fe thin films. <i>Journal of Applied Physics</i> , <b>2014</b> , 115, 17A308	2.5	13
440	Biosynthesis of Zinc Substituted Magnetite Nanoparticles with Enhanced Magnetic Properties. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 2518-2529	15.6	71
439	Observation of Distinct Bulk and Surface Chemical Environments in a Topological Insulator under Magnetic Doping. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 12333-12339	3.8	27
438	Modelling ferromagnetic resonance in magnetic multilayers: Exchange coupling and demagnetisation-driven effects. <i>Journal of Applied Physics</i> , <b>2014</b> , 115, 17D140	2.5	3
437	Evidence of redox-active iron formation following aggregation of ferrihydrite and the Alzheimer's disease peptide $\beta$ -amyloid. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 2803-9	5.1	39
436	X-ray magnetic circular dichroism: A versatile tool to study magnetism. <i>Coordination Chemistry Reviews</i> , <b>2014</b> , 277-278, 95-129	23.2	197
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12	Determination of the relative concentrations of rare earth ions by x-ray absorption spectroscopy: Application to terbium mixed oxides. <i>Journal of Physics and Chemistry of Solids</i> , <b>1986</b> , 47, 413-416	3.9	11
11	Identification of the relative population of spin-orbit split states in the ground state of a solid. <i>Journal of Physics C: Solid State Physics</i> , <b>1986</b> , 19, 817-827		35
10	Experimental proof of magnetic x-ray dichroism. <i>Physical Review B</i> , <b>1986</b> , 34, 6529-6531	3.3	368
9	Comparison of x-ray absorption with x-ray photoemission of nickel dihalides and NiO. <i>Physical Review B</i> , <b>1986</b> , 33, 4253-4263	3.3	303
8	Protection of stainless-steels against corrosion in sulphidizing environments by Ce oxide coatings: X-ray absorption and thermogravimetric studies. <i>Applications of Surface Science</i> , <b>1985</b> , 20, 257-266		20
7	Correlation effects, charge-transfer energies and covalency in nickel compounds as determined by x-ray absorption spectroscopy. <i>Solid State Communications</i> , <b>1985</b> , 56, 673-676	1.6	24
6	Strong magnetic dichroism predicted in the M <sub>4,5</sub> x-ray absorption spectra of magnetic rare-earth materials. <i>Physical Review Letters</i> , <b>1985</b> , 55, 2086-2088	7.4	329
5	3d x-ray-absorption lines and the 3d <sup>9</sup> 4f <sup>n+1</sup> multiplets of the lanthanides. <i>Physical Review B</i> , <b>1985</b> , 32, 5107-5118	3.3	646
4	Note on the optimality of unemployment equilibria. <i>Journal of Mathematical Economics</i> , <b>1983</b> , 12, 185-190		1
3	Electron correlation effects in the valence band photoemission spectra of copper dichloride. <i>Solid State Communications</i> , <b>1982</b> , 42, 165-168	1.6	45
2	Satellite structure in photoelectron and Auger spectra of copper dihalides. <i>Physical Review B</i> , <b>1981</b> , 23, 4369-4380	3.3	741
1	Photoelectron and Auger spectroscopy of CuCl. <i>Physical Review B</i> , <b>1979</b> , 20, 4287-4293	3.3	29

