

Sadamichi Maekawa

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4424917/sadamichi-maekawa-publications-by-year.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

672
papers

28,920
citations

81
h-index

153
g-index

715
ext. papers

31,389
ext. citations

4.3
avg, IF

7.05
L-index

#	Paper	IF	Citations
672	Skyrmion Creation and Annihilation by Electric Current Vorticity. <i>IEEE Transactions on Magnetics</i> , 2022 , 1-1	2	
671	Perspectives on spintronics with surface acoustic waves. <i>Applied Physics Letters</i> , 2022 , 120, 220502	3.4	3
670	Long decay length of magnon-polarons in BiFeO/LaSrMnO heterostructures.. <i>Nature Communications</i> , 2021 , 12, 7258	17.4	2
669	Interaction between surface acoustic waves and spin waves in a ferromagnetic thin film. <i>Journal of Magnetism and Magnetic Materials</i> , 2021 , 545, 168672	2.8	3
668	Generation of Effective Field Gradient and Spin Current by a Flow of Liquid Helium-3. <i>Journal of Low Temperature Physics</i> , 2021 , 203, 255-261	1.3	
667	Generation of Current Vortex by Spin Current in Rashba Systems. <i>Physical Review Letters</i> , 2021 , 126, 157202	7.4	2
666	Barnett field, rotational Doppler effect, and Berry phase studied by nuclear quadrupole resonance with rotation. <i>Physical Review B</i> , 2021 , 103,	3.3	2
665	Spin-charge conversion and current vortex in spin-orbit coupled systems. <i>APL Materials</i> , 2021 , 9, 060904	5.7	1
664	Zeeman coupling and Dzyaloshinskii-Moriya interaction driven by electric current vorticity. <i>Physical Review B</i> , 2021 , 103,	3.3	1
663	Spin-Orbit-Induced Ising Ferromagnetism at a van der Waals Interface. <i>Nano Letters</i> , 2021 , 21, 1807-1814	11.5	5
662	Anisotropic Spin Distribution and Perpendicular Magnetic Anisotropy in a Layered Ferromagnetic Semiconductor (Ba,K)(Zn,Mn)2As2. <i>ACS Applied Electronic Materials</i> , 2021 , 3, 789-794	4	2
661	Observation of the Angular Momentum Compensation by Barnett Effect and NMR. <i>Journal of the Physical Society of Japan</i> , 2021 , 90, 081003	1.5	2
660	Half-integer Shapiro-steps in superconducting qubit with a Josephson junction. <i>Applied Physics Express</i> , 2021 , 14, 103001	2.4	1
659	Giant spin hydrodynamic generation in laminar flow. <i>Nature Communications</i> , 2020 , 11, 3009	17.4	7
658	Acoustic ferromagnetic resonance and spin pumping induced by surface acoustic waves. <i>Journal Physics D: Applied Physics</i> , 2020 , 53, 264002	3	20
657	Enhancement of domain-wall mobility detected by NMR at the angular momentum compensation temperature. <i>Physical Review B</i> , 2020 , 102,	3.3	6
656	Record thermopower found in an IrMn-based spintronic stack. <i>Nature Communications</i> , 2020 , 11, 2023	17.4	12

655	Reply to Comment on Observation of Barnett fields in solids by nuclear magnetic resonance [Appl. Phys. Express 7, 063004 (2014)]. <i>Applied Physics Express</i> , 2020 , 13, 109102	2.4	2
654	Magnetic mechanism for the biological functioning of hemoglobin. <i>Scientific Reports</i> , 2020 , 10, 8569	4.9	3
653	Microscopic mechanism of high-temperature ferromagnetism in Fe, Mn, and Cr-doped InSb, InAs, and GaSb magnetic semiconductors. <i>Physical Review B</i> , 2020 , 102,	3.3	6
652	Non-reciprocal Pumping of Surface Acoustic Waves by Spin Wave Resonance. <i>Journal of the Physical Society of Japan</i> , 2020 , 89, 113702	1.5	5
651	Nonreciprocal surface acoustic wave propagation via magneto-rotation coupling. <i>Science Advances</i> , 2020 , 6, eabb1724	14.3	28
650	Spin treacle in a frustrated magnet observed with spin current. <i>Physical Review B</i> , 2020 , 102,	3.3	1
649	Highly nonlinear frequency-dependent spin-wave resonance excited via spin-vorticity coupling. <i>Physical Review B</i> , 2020 , 102,	3.3	4
648	Spin current as a probe of quantum materials. <i>Nature Materials</i> , 2020 , 19, 139-152	27	42
647	Spin Seebeck mechanical force. <i>Nature Communications</i> , 2019 , 10, 2616	17.4	22
646	Nonreciprocal Spin Current Generation in Surface-Oxidized Copper Films. <i>Physical Review Letters</i> , 2019 , 122, 217701	7.4	21
645	Angular momentum compensation manipulation to room temperature of the ferrimagnet Ho ₃ Dy _x Fe ₅ O ₁₂ detected by the Barnett effect. <i>Applied Physics Letters</i> , 2019 , 114, 162402	3.4	12
644	Li(Cd,Mn)P: a new cadmium based diluted ferromagnetic semiconductor with independent spin & charge doping. <i>Scientific Reports</i> , 2019 , 9, 7490	4.9	7
643	Giant Faraday Rotation in Metal-Fluoride Nanogranular Films. <i>Scientific Reports</i> , 2018 , 8, 4978	4.9	16
642	Spin Current Noise of the Spin Seebeck Effect and Spin Pumping. <i>Physical Review Letters</i> , 2018 , 120, 037201	7.4	24
641	Magnetic Anisotropy by Rashba Spin-Orbit Coupling in Antiferromagnetic Thin Films. <i>Journal of the Physical Society of Japan</i> , 2018 , 87, 053703	1.5	3
640	Observation of gyromagnetic reversal. <i>Applied Physics Letters</i> , 2018 , 113, 052402	3.4	14
639	Quantum materials for spin and charge conversion. <i>Npj Quantum Materials</i> , 2018 , 3,	5	75
638	Dirac surface state-modulated spin dynamics in a ferrimagnetic insulator at room temperature. <i>Science Advances</i> , 2018 , 4, eaas8660	14.3	26

637	New p- and n-type ferromagnetic semiconductors: Cr-doped BaZn ₂ As ₂ . <i>AIP Advances</i> , 2017 , 7, 055805	1.5	4
636	Skew Scattering from Correlated Systems: Impurities and Collective Excitations in the Spin Hall Effect. <i>Journal of the Physical Society of Japan</i> , 2017 , 86, 011005	1.5	1
635	Magnetization dynamics and its scattering mechanism in thin CoFeB films with interfacial anisotropy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 3815-3820	11.5	35
634	Theory of the spin Peltier effect. <i>Physical Review B</i> , 2017 , 96,	3.3	30
633	Gyroscopic g factor of rare earth metals. <i>Applied Physics Letters</i> , 2017 , 110, 072409	3.4	14
632	Spin Current Generation Using a Surface Acoustic Wave Generated via Spin-Rotation Coupling. <i>Physical Review Letters</i> , 2017 , 119, 077202	7.4	78
631	Spin-Mechatronics. <i>Journal of the Physical Society of Japan</i> , 2017 , 86, 011011	1.5	19
630	Enhanced orbital magnetic moment in FeCo nanogranules observed by Barnett effect. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 442, 329-331	2.8	7
629	Theory of spin hydrodynamic generation. <i>Physical Review B</i> , 2017 , 96,	3.3	24
628	One-dimensional spinon spin currents. <i>Nature Physics</i> , 2017 , 13, 30-34	16.2	72
627	Enhanced magneto-optical Kerr effect at Fe/insulator interfaces. <i>Physical Review B</i> , 2017 , 96,	3.3	6
626	Optically Transparent Ferromagnetic Nanogranular Films with Tunable Transmittance. <i>Scientific Reports</i> , 2016 , 6, 34227	4.9	25
625	Spin transport in half-metallic ferromagnets. <i>Physical Review B</i> , 2016 , 94,	3.3	17
624	What determines the sign of the spin Hall effects in Cu alloys doped with 5d elements?. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 400, 184-187	2.8	3
623	Origin of the spin Seebeck effect in compensated ferrimagnets. <i>Nature Communications</i> , 2016 , 7, 10452	17.4	115
622	Spin hydrodynamic generation. <i>Nature Physics</i> , 2016 , 12, 52-56	16.2	77
621	Thermal Effects in Spintronics: Physics and Applications 2016 , 1553-1576		1
620	Corrections to Thermoelectric Generation Based on Spin Seebeck Effects [DOI: 10.1109/JPROC.2016.2535167]. <i>Proceedings of the IEEE</i> , 2016 , 104, 1499-1499	14.3	10

619	Thermoelectric Generation Based on Spin Seebeck Effects. <i>Proceedings of the IEEE</i> , 2016 , 104, 1946-1973	3.4.3	187
618	Diluted magnetic semiconductors with narrow band gaps. <i>Physical Review B</i> , 2016 , 94,	3.3	15
617	Spin Hall effect by surface roughness. <i>Physical Review B</i> , 2015 , 91,	3.3	29
616	Rotational Doppler Effect and Barnett Field in Spinning NMR. <i>Journal of the Physical Society of Japan</i> , 2015 , 84, 043601	1.5	16
615	Photoemission and x-ray absorption studies of the isostructural to Fe-based superconductors diluted magnetic semiconductor $Ba_{1-x}K_x(Zn_{1-y}Mn_y)_2As_2$. <i>Physical Review B</i> , 2015 , 91,	3.3	23
614	Thermal Effects in Spintronics: Physics and Applications 2015 , 1-20		
613	Quasiparticle-mediated spin Hall effect in a superconductor. <i>Nature Materials</i> , 2015 , 14, 675-8	27	63
612	Analysis of the spin Hall effect in CuIr alloys: Combined approach of density functional theory and Hartree-Fock approximation. <i>Journal of Applied Physics</i> , 2015 , 117, 17D510	2.5	4
611	Theory of unidirectional spin heat conveyer. <i>Journal of Applied Physics</i> , 2015 , 117, 17C710	2.5	7
610	Enhanced spin Hall effect by electron correlations in CuBi alloys. <i>Journal of Applied Physics</i> , 2015 , 117, 17D503	2.5	7
609	Line splitting by mechanical rotation in nuclear magnetic resonance. <i>Japanese Journal of Applied Physics</i> , 2015 , 54, 050302	1.4	11
608	Magnetization plateaus by reconstructed quasispinons in a frustrated two-leg spin ladder under a magnetic field. <i>Physical Review B</i> , 2015 , 92,	3.3	4
607	Unconventional scaling and significant enhancement of the spin Seebeck effect in multilayers. <i>Physical Review B</i> , 2015 , 92,	3.3	62
606	Magnon instability driven by heat current in magnetic bilayers. <i>Physical Review B</i> , 2015 , 92,	3.3	6
605	Strong Suppression of the Spin Hall Effect in the Spin Glass State. <i>Physical Review Letters</i> , 2015 , 115, 196602	7.4	9
604	Barnett effect in paramagnetic states. <i>Physical Review B</i> , 2015 , 92,	3.3	23
603	Quasi-Spin Correlations in a Frustrated Quantum Spin Ladder. <i>Physics Procedia</i> , 2015 , 75, 861-867		
602	Mechanical generation of spin current. <i>Frontiers in Physics</i> , 2015 , 3,	3.9	5

601	First-principles study of electronic and magnetic structures of CoFeB Ta and CoFe TaB heterostructures. <i>Molecular Physics</i> , 2015 , 113, 314-318	1.7	3
600	Fermi surfaces and p-d hybridization in the diluted magnetic semiconductor Ba _{1-x} K _x (Zn _{1-y} Mn _y) ₂ As ₂ studied by soft x-ray angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2015 , 92,	3.3	23
599	Generation of spin currents by surface plasmon resonance. <i>Nature Communications</i> , 2015 , 6, 5910	17.4	41
598	Sign change of the spin Hall effect due to electron correlation in nonmagnetic CuIr alloys. <i>Physical Review Letters</i> , 2015 , 114, 017202	7.4	16
597	Lifshitz Transition Induced by Magnetic Field in Frustrated Two-Leg Spin-Ladder Systems 2015 ,		1
596	Rashba spin-orbit anisotropy and the electric field control of magnetism. <i>Scientific Reports</i> , 2014 , 4, 41054.9	4.9	129
595	Giant dielectric and magnetoelectric responses in insulating nanogranular films at room temperature. <i>Nature Communications</i> , 2014 , 5, 4417	17.4	48
594	Zero-Field Fiske Resonance Coupled with Spin-Waves in Ferromagnetic Josephson Junctions. <i>Journal of the Physical Society of Japan</i> , 2014 , 83, 074704	1.5	2
593	Anomalous temperature dependence of current-induced torques in CoFeB/MgO heterostructures with Ta-based underlayers. <i>Physical Review B</i> , 2014 , 89,	3.3	80
592	Effect of anisotropic spin absorption on the Hanle effect in lateral spin valves. <i>Physical Review B</i> , 2014 , 89,	3.3	27
591	Enhanced dc spin pumping into a fluctuating ferromagnet near TC. <i>Physical Review B</i> , 2014 , 89,	3.3	67
590	Possible method to observe the breathing mode of a magnetic domain wall in the Josephson junction. <i>Journal of Physics Condensed Matter</i> , 2014 , 26, 255702	1.8	3
589	Theory of the acoustic spin pumping. <i>Solid State Communications</i> , 2014 , 198, 22-25	1.6	5
588	Theory of mechanical spin current generation via spin-rotation coupling. <i>Solid State Communications</i> , 2014 , 198, 52-56	1.6	13
587	Theory of mechanical spin current generation via spin-orbit coupling. <i>Solid State Communications</i> , 2014 , 198, 57-60	1.6	5
586	Spinmotive force due to motion of magnetic bubble arrays driven by magnetic field gradient. <i>Scientific Reports</i> , 2014 , 4, 6901	4.9	13
585	Spinmotive Force as a New Energy Conversion Mechanism. <i>Journal of the Magnetism Society of Japan</i> , 2014 , 38, 75-77	0.7	
584	Spin mechanics. <i>Solid State Communications</i> , 2014 , 198, 1-2	1.6	6

583	Thermal engineering of non-local resistance in lateral spin valves. <i>Applied Physics Letters</i> , 2014 , 104, 162410	3.10	10
582	Origin of the phonon Hall effect in rare-earth garnets. <i>Physical Review Letters</i> , 2014 , 113, 265901	7.4	27
581	Observation of Barnett fields in solids by nuclear magnetic resonance. <i>Applied Physics Express</i> , 2014 , 7, 063004	2.4	38
580	Negatively Charged Muonium as a Detector of Electron Spin Polarization: a Puzzle and a Possible Theory 2014 ,		1
579	Spinmotive force with static and uniform magnetization induced by a time-varying electric field. <i>Physical Review B</i> , 2013 , 88,	3.3	15
578	Linear-response theory of the longitudinal spin Seebeck effect. <i>Journal of the Korean Physical Society</i> , 2013 , 62, 1753-1758	0.6	14
577	Real-time analysis of the spinmotive force due to domain wall motion. <i>Journal of the Korean Physical Society</i> , 2013 , 62, 1802-1806	0.6	1
576	Heat and spin. <i>Journal of the Korean Physical Society</i> , 2013 , 62, 1985-1989	0.6	
575	Implementation of the DFT+U method and constrained DFT calculations for U and J within a pseudopotential formalism: Application to FeO and LaVO ₃ . <i>Journal of the Korean Physical Society</i> , 2013 , 62, 2155-2159	0.6	2
574	Spin-Wave Spin Current in Magnetic Insulators. <i>Solid State Physics</i> , 2013 , 1-27	2	11
573	Spin Seebeck effect in antiferromagnets and compensated ferrimagnets. <i>Physical Review B</i> , 2013 , 87,	3.3	97
572	Anisotropic two-dimensional electron gas at the LaAlO ₃ /SrTiO ₃ (110) interface. <i>Nature Communications</i> , 2013 , 4, 1838	17.4	82
571	Spin Current: Experimental and Theoretical Aspects. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 102002	1.5	76
570	Diluted ferromagnetic semiconductor Li(Zn,Mn)P with decoupled charge and spin doping. <i>Physical Review B</i> , 2013 , 88,	3.3	63
569	Spin Waves, Spin Currents and Spin Seebeck Effect. <i>Topics in Applied Physics</i> , 2013 , 119-128	0.5	1
568	Spin-Hall conductivity and electric polarization in metallic thin films. <i>Physical Review B</i> , 2013 , 87,	3.3	24
567	Observation of the spin Seebeck effect in epitaxial Fe ₃ O ₄ thin films. <i>Applied Physics Letters</i> , 2013 , 102, 072413	3.4	144
566	Unidirectional spin-wave heat conveyer. <i>Nature Materials</i> , 2013 , 12, 549-53	27	104

565	Mechanical generation of spin current by spin-rotation coupling. <i>Physical Review B</i> , 2013 , 87,	3.3	78
564	Effects of mechanical rotation and vibration on spin currents. <i>Journal of the Korean Physical Society</i> , 2013 , 62, 1404-1409	0.6	3
563	Theory of the spin Seebeck effect. <i>Reports on Progress in Physics</i> , 2013 , 76, 036501	14.4	297
562	Renormalization of spin-rotation coupling. <i>Physical Review B</i> , 2013 , 87,	3.3	20
561	Separation of longitudinal spin Seebeck effect from anomalous Nernst effect: Determination of origin of transverse thermoelectric voltage in metal/insulator junctions. <i>Physical Review B</i> , 2013 , 88,	3.3	115
560	Effects of frustration on magnetic excitations in a two-leg spin-ladder system. <i>Physical Review B</i> , 2013 , 87,	3.3	7
559	Relativistic effects in scattering of polarized electrons. <i>Europhysics Letters</i> , 2013 , 103, 47003	1.6	5
558	SPINMOTIVE FORCE IN MAGNETIC NANOSTRUCTURES. <i>Spin</i> , 2013 , 03, 1330004	1.3	7
557	Time-domain observation of the spinmotive force in permalloy nanowires. <i>Physical Review Letters</i> , 2012 , 108, 147202	7.4	34
556	Theory of the spin Hall effect, and its inverse, in a ferromagnetic metal near the Curie temperature. <i>Physical Review B</i> , 2012 , 86,	3.3	10
555	Spin-motive force due to a gyrating magnetic vortex. <i>Nature Communications</i> , 2012 , 3, 845	17.4	39
554	The spin Hall effect as a probe of nonlinear spin fluctuations. <i>Nature Communications</i> , 2012 , 3, 1058	17.4	26
553	Towards precise measurement of oscillatory domain wall by ferromagnetic Josephson junction. <i>Applied Physics Letters</i> , 2012 , 100, 152402	3.4	5
552	Stability of spinmotive force in perpendicularly magnetized nanowires under high magnetic fields. <i>Applied Physics Letters</i> , 2012 , 100, 162401	3.4	6
551	Magnetic power inverter: AC voltage generation from DC magnetic fields. <i>Applied Physics Letters</i> , 2012 , 101, 252413	3.4	7
550	Thermal spin pumping and magnon-phonon-mediated spin-Seebeck effect. <i>Journal of Applied Physics</i> , 2012 , 111, 103903	2.5	126
549	Spin Hall Effect in Superconductors. <i>Japanese Journal of Applied Physics</i> , 2012 , 51, 010110	1.4	3
548	Electronic excitations around the substituted atom in La ₂ Cu _{1-x} NiyO ₄ as seen via resonant inelastic x-ray scattering. <i>Physical Review B</i> , 2012 , 85,	3.3	2

547	Relaxation Dynamics of Photocarriers in One-Dimensional Mott Insulators Coupled to Phonons. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 013701	1.5	35
546	Acoustic spin pumping: Direct generation of spin currents from sound waves in Pt/Y ₃ Fe ₅ O ₁₂ hybrid structures. <i>Journal of Applied Physics</i> , 2012 , 111, 053903	2.5	25
545	Theoretical Study of Resonant Inelastic X-ray Scattering Spectrum in Nickelates. <i>Journal of Physics: Conference Series</i> , 2012 , 400, 032105	0.3	0
544	A New Type Diluted Magnetic Semiconductor Li(Zn,Mn)As. <i>Journal of Physics: Conference Series</i> , 2012 , 400, 032033	0.3	
543	Spin Hall Effect in Superconductors. <i>Japanese Journal of Applied Physics</i> , 2012 , 51, 010110	1.4	18
542	Effects of mechanical rotation on spin currents. <i>Physical Review Letters</i> , 2011 , 106, 076601	7.4	86
541	Giant spin Hall effect of Au films with Pt impurities: Surface-assisted skew scattering. <i>Journal of Applied Physics</i> , 2011 , 109, 07C502	2.5	5
540	Spin transfer torque in MTJs with synthetic ferrimagnetic layers by the Keldysh approach. <i>Journal of Applied Physics</i> , 2011 , 109, 07C906	2.5	5
539	Equation-of-motion approach of spin-motive force. <i>Journal of Applied Physics</i> , 2011 , 109, 07C735	2.5	16
538	Inverse spin-Hall effect induced by spin pumping in metallic system. <i>Journal of Applied Physics</i> , 2011 , 109, 103913	2.5	362
537	Long-range spin Seebeck effect and acoustic spin pumping. <i>Nature Materials</i> , 2011 , 10, 737-41	27	199
536	Detection of Spin-Wave Spin Current in a Magnetic Insulator. <i>IEEE Transactions on Magnetics</i> , 2011 , 47, 1591-1594	2	12
535	Giant enhancement of spin accumulation and long-distance spin precession in metallic lateral spin valves. <i>Nature Materials</i> , 2011 , 10, 527-31	27	159
534	Linear-response theory of spin Seebeck effect in ferromagnetic insulators. <i>Physical Review B</i> , 2011 , 83,	3.3	215
533	Numerical study on the spin Seebeck effect. <i>Physical Review B</i> , 2011 , 83,	3.3	50
532	Li(Zn,Mn)As as a new generation ferromagnet based on a I-II-V semiconductor. <i>Nature Communications</i> , 2011 , 2, 422	17.4	135
531	Spinmotive Force Due to Intrinsic Energy of Ferromagnetic Nanowires. <i>Applied Physics Express</i> , 2011 , 4, 093003	2.4	8
530	Electrically tunable spin injector free from the impedance mismatch problem. <i>Nature Materials</i> , 2011 , 10, 655-9	27	255

529	Theory of resonant inelastic X-ray scattering spectrum for Ni impurities in cuprates. <i>Journal of Physics and Chemistry of Solids</i> , 2011 , 72, 354-357	3.9	0
528	Composite Excitation of Josephson Phase and Spin Waves in Josephson Junctions with Ferromagnetic Insulator. <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 074707	1.5	8
527	Spin-dependent inertial force and spin current in accelerating systems. <i>Physical Review B</i> , 2011 , 84,	3.3	51
526	Reduction of intrinsic critical current density under a magnetic field along the hard axis of a free layer in a magnetic tunnel junction. <i>Physical Review B</i> , 2011 , 84,	3.3	1
525	Spin current generation due to mechanical rotation in the presence of impurity scattering. <i>Applied Physics Letters</i> , 2011 , 98, 242501	3.4	17
524	Thermoelectric response in the incoherent transport region near Mott transition: The case study of La _{1-x} Sr _x VO ₃ . <i>Physical Review B</i> , 2011 , 83,	3.3	26
523	Quantum dynamics of a driven correlated system coupled to phonons. <i>Physical Review Letters</i> , 2011 , 107, 246404	7.4	33
522	Continuous generation of spinmotive force in a patterned ferromagnetic film. <i>Physical Review Letters</i> , 2011 , 107, 236602	7.4	40
521	Polarization-analyzed resonant inelastic x-ray scattering of the orbital excitations in KCuF ₃ . <i>Physical Review B</i> , 2011 , 83,	3.3	23
520	Nonmonotonic temperature dependence of thermopower in strongly correlated electron systems. <i>Physical Review B</i> , 2011 , 84,	3.3	10
519	Ferromagnetic resonance with a magnetic Josephson junction. <i>Superconductor Science and Technology</i> , 2011 , 24, 024020	3.1	7
518	Microwave-induced supercurrent in a ferromagnetic Josephson junction. <i>Superconductor Science and Technology</i> , 2011 , 24, 024008	3.1	7
517	Transmission of electrical signals by spin-wave interconversion in a magnetic insulator. <i>Nature</i> , 2010 , 464, 262-6	50.4	1127
516	Spatially homogeneous ferromagnetism of (Ga, Mn)As. <i>Nature Materials</i> , 2010 , 9, 299-303	27	65
515	Extremely long quasiparticle spin lifetimes in superconducting aluminium using MgO tunnel spin injectors. <i>Nature Materials</i> , 2010 , 9, 586-93	27	82
514	Spin Seebeck insulator. <i>Nature Materials</i> , 2010 , 9, 894-7	27	930
513	Enhanced pairing correlations near oxygen dopants in cuprate superconductors. <i>Physical Review Letters</i> , 2010 , 105, 257005	7.4	7
512	Surface-assisted spin Hall effect in Au films with Pt impurities. <i>Physical Review Letters</i> , 2010 , 105, 216407	7.4	67

511	Theory of magnon-driven spin Seebeck effect. <i>Physical Review B</i> , 2010 , 81,	3.3	484
510	Quantum renormalization of the spin Hall effect. <i>Physical Review Letters</i> , 2010 , 105, 086401	7.4	28
509	Spin current through a normal-metal/insulating-ferromagnet junction. <i>Journal of Physics: Conference Series</i> , 2010 , 200, 062030	0.3	45
508	Mirror symmetry and exchange of magnetic impurities mediated by electrons of Rashba spin-orbit interaction in a four-terminal Landauer setup. <i>Journal Physics D: Applied Physics</i> , 2010 , 43, 015003	3	5
507	Orbital-dependent Kondo effect for Fe in Au : Combined approach of density functional theory and quantum Monte Carlo method. <i>Journal of Physics: Conference Series</i> , 2010 , 200, 062007	0.3	5
506	Gigantic enhancement of spin Seebeck effect by phonon drag. <i>Applied Physics Letters</i> , 2010 , 97, 252506	3.4	141
505	Observation of longitudinal spin-Seebeck effect in magnetic insulators. <i>Applied Physics Letters</i> , 2010 , 97, 172505	3.4	551
504	Angular dependence of spin transfer torque on magnetic tunnel junctions with synthetic ferrimagnetic free layer. <i>Journal of Physics: Conference Series</i> , 2010 , 200, 062008	0.3	
503	Effect of spin-dependent screening on tunneling electroresistance and tunneling magnetoresistance in multiferroic tunnel junctions. <i>Physical Review B</i> , 2010 , 81,	3.3	76
502	Effect of Interlayer Coupling of Synthetic Ferrimagnetic Free Layer on Current Induced Magnetization Switching in MTJs. <i>IEEE Transactions on Magnetics</i> , 2010 , 46, 2136-2139	2	5
501	Theoretical study of resonant inelastic X-ray scattering spectrum in the Hubbard ladder. <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, S232-S233	1.3	
500	Geometrical dependence of Josephson current induced by ferromagnetic resonance in ferromagnetic Josephson junctions. <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, S819-S821	1.3	1
499	Temperature dependence of the electronic structure of Sr14Cu24O41 studied by resonant inelastic X-ray scattering. <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, S145-S146	1.3	4
498	Resonant inelastic X-ray scattering of La2Cu0.95Ni0.05O4. <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, S155-S157	1.3	
497	Magnetic properties of diluted magnetic semiconductors: Quantum Monte Carlo approach. <i>Journal of Magnetism and Magnetic Materials</i> , 2010 , 322, 1192-1194	2.8	1
496	Current-induced domain wall motion in magnetic nanowires with spatial variation. <i>Journal of Magnetism and Magnetic Materials</i> , 2010 , 322, 1363-1367	2.8	9
495	Spin-Seebeck effects in films. <i>Solid State Communications</i> , 2010 , 150, 524-528	1.6	71
494	Thermoelectric spin diffusion in a ferromagnetic metal. <i>Solid State Communications</i> , 2010 , 150, 480-484	1.6	23

493	Doping and temperature dependence of Raman scattering from NdFeAsO _{1-x} Fx (x=0.2) superconductor. <i>Physical Review B</i> , 2009 , 79,	3.3	18
492	Exact diagonalization calculations of hole binding around Ni impurities in Ni-substituted cuprate superconductors. <i>Physical Review B</i> , 2009 , 80,	3.3	12
491	Electrical measurements of the polarization in a moving magnetic vortex. <i>Applied Physics Letters</i> , 2009 , 95, 123110	3.4	24
490	Bipolaron in the t-J model coupled to longitudinal and transverse quantum lattice vibrations. <i>Physical Review Letters</i> , 2009 , 103, 186401	7.4	31
489	Direct dynamical coupling of spin modes and singlet Josephson supercurrent in ferromagnetic Josephson junctions. <i>Physical Review B</i> , 2009 , 80,	3.3	22
488	Charge pumping and the colored thermal voltage noise in spin valves. <i>Physical Review B</i> , 2009 , 79,	3.3	15
487	Enhanced spin Hall effect by resonant skew scattering in the orbital-dependent Kondo effect. <i>Physical Review Letters</i> , 2009 , 102, 036401	7.4	68
486	Optical conductivity in the t τ Holstein model. <i>Physical Review B</i> , 2009 , 79,	3.3	13
485	Tunneling electroresistance in ferroelectric tunnel junctions with a composite barrier. <i>Applied Physics Letters</i> , 2009 , 95, 052902	3.4	96
484	Thermoelectric Effect in Transition Metal Oxides. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2009 , 69-79	0.2	1
483	Phenomenological analysis for spin-Seebeck effect in metallic magnets. <i>Journal of Applied Physics</i> , 2009 , 105, 07C908	2.5	36
482	Electromotive force and huge magnetoresistance in magnetic tunnel junctions. <i>Nature</i> , 2009 , 458, 489-93	3.4	146
481	Inter-impurity and impurity-host magnetic correlations in semiconductors with low-density transition-metal impurities. <i>Physica B: Condensed Matter</i> , 2009 , 404, 1159-1168	2.8	7
480	Spin transfer torque in magnetic tunnel junctions with synthetic ferrimagnetic layers. <i>Journal of Applied Physics</i> , 2009 , 105, 07D120	2.5	25
479	Possible d ₀ ferromagnetism in MgO doped with nitrogen. <i>Physical Review B</i> , 2009 , 79,	3.3	50
478	Landau-Lifshitz-Gilbert study of the effect of pulse width on spin-transfer torque magnetization switching. <i>Journal of Applied Physics</i> , 2009 , 105, 07D130	2.5	3
477	Electric detection of spin wave resonance using inverse spin-Hall effect. <i>Applied Physics Letters</i> , 2009 , 94, 262505	3.4	70
476	Spin motive force in magnetic nanostructures. <i>Journal of Applied Physics</i> , 2009 , 105, 07C706	2.5	23

475	Mechanism on spatial variation of pairing gap by apical atoms in cuprates. <i>Journal of Physics: Conference Series</i> , 2009 , 150, 052169	0.3	
474	Combined Approach of Density Functional Theory and Quantum Monte Carlo Method to Electron Correlation in Dilute Magnetic Semiconductors. <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 083703	1.5	15
473	Phase and spin dynamics in a superconductor/ferromagnet/superconductor junction. <i>Journal of Physics: Conference Series</i> , 2009 , 150, 052069	0.3	
472	Sign Reversal of AC Josephson Current in a Ferromagnetic Josephson Junction. <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 014708	1.5	2
471	Nuclear Quadrupole Resonance Frequency in Multilayered Cuprates. <i>Journal of the Physical Society of Japan</i> , 2009 , 78, 123704	1.5	1
470	Observation of the spin Seebeck effect. <i>Nature</i> , 2008 , 455, 778-81	50.4	1538
469	Giant spin Hall effect in perpendicularly spin-polarized FePt/Au devices. <i>Nature Materials</i> , 2008 , 7, 125-9	27	340
468	Electric manipulation of spin relaxation using the spin Hall effect. <i>Physical Review Letters</i> , 2008 , 101, 036601	7.4	456
467	Spectral properties of a hole coupled to optical phonons in the generalized tJ model. <i>Physical Review B</i> , 2008 , 77,	3.3	27
466	Enhancement of phonon effects in photoexcited states of one-dimensional Mott insulators. <i>Physical Review B</i> , 2008 , 77,	3.3	10
465	Spin Current in Metals and Superconductors. <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 031009	1.5	127
464	Spin current, spin accumulation and spin Hall effect. <i>Science and Technology of Advanced Materials</i> , 2008 , 9, 014105	7.1	120
463	Three dimensional simulations of spin Hall effect in magnetic nanostructures. <i>Journal of Applied Physics</i> , 2008 , 103, 07A715	2.5	1
462	Ferromagnetic Resonance Induced Josephson Current in a Superconductor/Ferromagnet/Superconductor Junction. <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 053707	1.5	15
461	Coexistence of superconductivity and antiferromagnetism in a self-doped bilayer tJ model. <i>Physical Review B</i> , 2008 , 78,	3.3	5
460	Origin of the spatial variation of the pairing gap in bi-based high temperature cuprate superconductors. <i>Physical Review Letters</i> , 2008 , 101, 247003	7.4	30
459	Crystal structure effect on the ferromagnetic correlations in ZnO with magnetic impurities. <i>Journal of Applied Physics</i> , 2008 , 104, 103906	2.5	10
458	Unusually small electrical resistance of three-dimensional nanoporous gold in external magnetic fields. <i>Physical Review Letters</i> , 2008 , 101, 166601	7.4	72

457	Angular dependence of inverse spin Hall effect induced by spin pumping investigated in a Ni ₈₁ Fe ₁₉ /Pt thin film. <i>Physical Review B</i> , 2008 , 78,	3.3	157
456	Exact diagonalization study on nonmagnetic impurity effects in high- superconductors. <i>Journal of Physics and Chemistry of Solids</i> , 2008 , 69, 3365-3368	3.9	
455	Theoretical study of ac Josephson effect in a double barrier Josephson junction. <i>Physica C: Superconductivity and Its Applications</i> , 2008 , 468, 1907-1909	1.3	1
454	Effect of electron-phonon interaction on optical response in one-dimensional cuprates. <i>Journal of Physics and Chemistry of Solids</i> , 2008 , 69, 3070-3073	3.9	
453	Momentum-resolved charge excitations in high-T _c cuprates studied by resonant inelastic X-ray scattering. <i>Journal of Physics and Chemistry of Solids</i> , 2008 , 69, 3118-3124	3.9	3
452	Theoretical study of thermoelectric and Hall effects in the layered cobalt oxides,. <i>Journal of Physics and Chemistry of Solids</i> , 2008 , 69, 3214-3216	3.9	1
451	Proximity effects in a superconductor/ferromagnet junction. <i>Journal of Physics and Chemistry of Solids</i> , 2008 , 69, 3257-3260	3.9	
450	Kondo quantum dot coupled to ferromagnetic leads: Numerical renormalization group study. <i>Physical Review B</i> , 2007 , 76,	3.3	59
449	Room-temperature reversible spin Hall effect. <i>Physical Review Letters</i> , 2007 , 98, 156601	7.4	791
448	Supercurrent pumping by ferromagnetic resonance in ferromagnetic Josephson junctions. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 463-465, 989-992	1.3	
447	Electronic states of multilayered high-T _c cuprates with charge imbalance: Gutzwiller approximation on interlayer hopping. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 216-217	1.3	
446	Charge excitations and resonant inelastic X-ray scattering in ladder cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 969-970	1.3	1
445	Pairing correlations in the Hubbard ladder. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 1072-1073	1.3	
444	0- and π -states in Josephson coupling through magnetic layers. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 463-465, 23-26	1.3	
443	Temperature dependence of Josephson current in a superconductor/ferromagnet/superconductor junction. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 1323-1324	1.3	2
442	Effect of magnons on the 0- π transition in a superconductor/half-metallic ferromagnet/superconductor junction. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 463-465, 198-201	1.3	3
441	Indirect exchange interaction between two local spins embedded in an Aharonov-Bohm Ring. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 1142-1144	2.8	5
440	Kondo effect in single-molecule spintronic devices. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, e343-e345	2.8	4

439	Theoretical study of resonant inelastic X-ray scattering in ladder cuprates. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 972-974	2.8	1
438	Effect of electron-phonon coupling on spin-charge separation in one-dimensional strongly correlated electron systems. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 975-977	2.8	
437	Magnetic correlations of the Hubbard model on frustrated lattices. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 511-513	2.8	
436	Effect of Kondo resonance on optical third harmonic generation. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 960-962	2.8	1
435	Numerical analysis of spin accumulation due to a domain wall. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 2055-2057	2.8	4
434	Spin accumulation and resistance due to a domain wall. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 2058-2060	2.8	4
433	Theory of 0 π transition in a superconductor/ferromagnet/superconductor junction. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 2456-2458	2.8	1
432	Supercurrent pumping in Josephson junctions with a half-metallic ferromagnet. <i>Physical Review Letters</i> , 2007 , 99, 057003	7.4	34
431	Nonlocal spin Hall effect and spin-orbit interaction in nonmagnetic metals. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 2067-2069	2.8	7
430	Theoretical study of the electronic structure in Epyrochlore oxides. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 1005-1007	2.8	1
429	Hall effect in CoO ₂ layers with a hexagonal structure. <i>Physical Review B</i> , 2007 , 75,	3.3	13
428	Numerical approach to the low-doping regime of the tJ model. <i>Physical Review B</i> , 2007 , 76,	3.3	41
427	Momentum-dependent charge excitations of a two-leg ladder: Resonant inelastic x-ray scattering of (La,Sr,Ca) ₁₄ Cu ₂₄ O ₄₁ . <i>Physical Review B</i> , 2007 , 76,	3.3	19
426	Long-range ferromagnetic correlations between Anderson impurities in a semiconductor host: Quantum Monte Carlo simulations. <i>Physical Review B</i> , 2007 , 76,	3.3	21
425	Role of Magnetic Scattering in 0 π Transitions in a Superconductor/Ferromagnetic Metal/Superconductor Junction. <i>Journal of the Physical Society of Japan</i> , 2007 , 76, 054705	1.5	16
424	Universality classes for domain wall motion in the ferromagnetic semiconductor (Ga,Mn)As. <i>Science</i> , 2007 , 317, 1726-9	33.3	118
423	Generalization of Faraday's Law to include nonconservative spin forces. <i>Physical Review Letters</i> , 2007 , 98, 246601	7.4	199
422	Dynamical Mean Field Theory Study of the Linear and Nonlinear Optics of Kondo Systems. <i>Journal of the Physical Society of Japan</i> , 2007 , 76, 044706	1.5	

421	Dynamical Mean Field Theory of Optical Third Harmonic Generation. <i>Journal of the Physical Society of Japan</i> , 2006 , 75, 083706	1.5	7
420	Electron-phonon coupling and spin-charge separation in one-dimensional Mott insulators. <i>Physical Review B</i> , 2006 , 74,	3.3	18
419	Controllable π -junction with magnetic nanostructures. <i>Physical Review B</i> , 2006 , 73,	3.3	11
418	Strength of dx^2-y^2 pairing in the two-leg Hubbard ladder. <i>Physical Review B</i> , 2006 , 74,	3.3	1
417	Superconducting π -qubit with three Josephson junctions. <i>Applied Physics Letters</i> , 2006 , 88, 132501	3.4	30
416	Magnetic memory and current amplification devices using moving domain walls. <i>Applied Physics Letters</i> , 2006 , 89, 122507	3.4	54
415	Anomalous temperature dependence of the single-particle spectrum in the organic conductor TTF-TCNQ. <i>Physical Review B</i> , 2006 , 74,	3.3	11
414	Doping and Momentum Dependence of Charge Dynamics in $Nd_{2-x}Ce_xCuO_4$ ($x = 0, 0.075, \text{ and } 0.15$) Studied by Resonant Inelastic X-ray Scattering. <i>AIP Conference Proceedings</i> , 2006 ,	0	3
413	Nonlinear Optical Response of SDW Insulators. <i>Journal of the Physical Society of Japan</i> , 2006 , 75, 054703	1.5	8
412	Charge Imbalance Effects on Interlayer Hopping and Fermi Surfaces in Multilayered High-Tc Cuprates. <i>Journal of the Physical Society of Japan</i> , 2006 , 75, 034708	1.5	17
411	Distinct spinon and holon dispersions in photoemission spectral functions from one-dimensional $SrCuO_2$. <i>Nature Physics</i> , 2006 , 2, 397-401	16.2	153
410	Fermi surface splittings in multilayered high-Tc cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 2006 , 445-448, 23-25	1.3	
409	Spin injection and transport in magnetic nanostructures. <i>Physica C: Superconductivity and Its Applications</i> , 2006 , 437-438, 309-313	1.3	12
408	Theory of Cu L-edge resonant inelastic X-ray scattering in insulating cuprates. <i>Journal of Physics and Chemistry of Solids</i> , 2006 , 67, 274-276	3.9	2
407	Quantum interference due to crossed Andreev reflection in a d-wave superconductor with two nano-contacts. <i>Journal of Physics and Chemistry of Solids</i> , 2006 , 67, 325-328	3.9	2
406	MAGNETIC IMPURITY STATES AND FERROMAGNETIC INTERACTION IN DILUTED MAGNETIC SEMICONDUCTORS 2006 ,		2
405	Electronic State in Co-Oxide-Similar to Cuprates? 2006 , 201-212		
404	Spin injection and spin transport in hybrid nanostructures 2006 , 343-370		12

403	Theory and experiment of orbital excitations in correlated oxides. <i>New Journal of Physics</i> , 2005 , 7, 119-119	13
402	Current-spin coupling for ferromagnetic domain walls in fine wires. <i>Physical Review Letters</i> , 2005 , 95, 107204	7.4 223
401	Enhanced spin accumulation and novel magnetotransport in nanoparticles. <i>Nature Materials</i> , 2005 , 4, 57-61	27 150
400	Theory of RIXS in strongly correlated electron systems: Mott gap excitations in cuprates. <i>Journal of Physics and Chemistry of Solids</i> , 2005 , 66, 2139-2144	3.9 4
399	Dispersion relation of charge gap excitations in quasi-1D Mott insulators studied by resonant X-ray scattering. <i>Journal of Physics and Chemistry of Solids</i> , 2005 , 66, 2212-2215	3.9 8
398	Electronic excitations in hole-doped $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ studied by resonant inelastic X-ray scattering. <i>Journal of Physics and Chemistry of Solids</i> , 2005 , 66, 2157-2162	3.9
397	Nonequilibrium Kondo effect in a quantum dot coupled to ferromagnetic leads. <i>Physical Review B</i> , 2005 , 71,	3.3 65
396	Exact diagonalization study of optical conductivity in the two-dimensional Hubbard model. <i>Physical Review B</i> , 2005 , 72,	3.3 25
395	Temperature dependence of spinon and holon excitations in one-dimensional Mott insulators. <i>Physical Review B</i> , 2005 , 72,	3.3 17
394	Electrical Transport and Magnetoresistance in CoAlO Granular Films under High Pressure. <i>Journal of the Physical Society of Japan</i> , 2005 , 74, 2783-2790	1.5 5
393	Effect of antiferromagnetic planes on the superconducting properties of multilayered high- T_c cuprates. <i>Physical Review Letters</i> , 2005 , 94, 137003	7.4 27
392	Gate-controlled spin splitting in quantum dots with ferromagnetic leads in the Kondo regime. <i>Physical Review B</i> , 2005 , 72,	3.3 84
391	Superconducting pi qubit with a ferromagnetic Josephson junction. <i>Physical Review Letters</i> , 2005 , 95, 097001	7.4 110
390	Momentum dependence of charge excitations in the electron-doped superconductor $\text{Nd}_{1.85}\text{Ce}_{0.15}\text{CuO}_4$: a resonant inelastic x-ray scattering study. <i>Physical Review Letters</i> , 2005 , 94, 207003	7.4 65
389	Excitonic effect on the optical response in the one-dimensional two-band Hubbard model. <i>Physical Review B</i> , 2005 , 71,	3.3 13
388	Magnetic correlations in the Hubbard model on triangular and Kagomé lattices. <i>Physical Review Letters</i> , 2005 , 95, 037001	7.4 43
387	Mott gap excitations in twin-free $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ ($T_c=93$ K) studied by resonant inelastic x-ray scattering. <i>Physical Review Letters</i> , 2005 , 94, 187002	7.4 39
386	Friedel oscillations in a two-band Hubbard model for CuO chains. <i>Physical Review B</i> , 2004 , 69,	3.3 5

385	Temperature and dimensionality dependencies of optical absorption spectra in Mott insulators. <i>Physical Review B</i> , 2004 , 69,	3.3	8
384	Low energy electronic states and triplet pairing in layered cobaltate. <i>Physical Review Letters</i> , 2004 , 93, 176401	7.4	48
383	Geometrical effect on spin current in magnetic nanostructures. <i>Journal of Applied Physics</i> , 2004 , 95, 7255-7257	5.8	78
382	Dynamical density matrix renormalization group study of photoexcited states in one-dimensional Mott insulators. <i>Physical Review B</i> , 2004 , 70,	3.3	20
381	Physics of Transition Metal Oxides. <i>Springer Series in Solid-state Sciences</i> , 2004 ,	0.4	196
380	Andreev reflection in ferromagnet/superconductor/ferromagnet junctions. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, E1523-E1524	2.8	1
379	Spin-dependent transport in magnetic nanostructures. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, E1459-E1463	2.8	16
378	Resonant inelastic X-ray scattering in manganites with perovskite structure. <i>Physica B: Condensed Matter</i> , 2004 , 345, 15-18	2.8	2
377	Doping dependence of resonant inelastic X-ray scattering in high-Tc cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 2004 , 412-414, 143-146	1.3	2
376	Spin injection and detection in F/N/F and F/S/F nanostructures. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, E1423-E1424	2.8	1
375	Resonant inelastic x-ray scattering study of the hole-doped manganites $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ ($x=0.2, 0.4$). <i>Physical Review B</i> , 2004 , 70,	3.3	17
374	Charge and Orbital Ordering of Manganites Observed by Resonant X-Ray Scattering 2004 , 383-416		1
373	Blood cardioplegia filtration. <i>Perfusion (United Kingdom)</i> , 2003 , 18 Suppl 1, 75-80	1.9	6
372	Transport in magnetic nanostructures in the presence of Coulomb interaction (invited). <i>Journal of Applied Physics</i> , 2003 , 93, 8265-8270	2.5	18
371	Effect of Electron Correlation on Phonon Spectra in Cuprates. <i>Journal of Low Temperature Physics</i> , 2003 , 131, 257-261	1.3	5
370	Nonequilibrium Spin Fluctuations in Nonmagnetic Single-Electron Transistors and Quantum Dots. <i>Journal of Superconductivity and Novel Magnetism</i> , 2003 , 16, 343-346		1
369	Effect of spin and orbital on thermopower in strongly correlated electron systems. <i>Journal of Magnetism and Magnetic Materials</i> , 2003 , 258-259, 216-218	2.8	8
368	Exact-diagonalization study of thermoelectric response in strongly correlated electron systems. <i>Physica B: Condensed Matter</i> , 2003 , 329-333, 896-897	2.8	2

367	Theory of slightly doped Mott insulator. <i>Physica C: Superconductivity and Its Applications</i> , 2003 , 388-389, 15-18	1.3	
366	Multiple-superconducting amplitudes in multi-layer high-Tc cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 2003 , 388-389, 51-52	1.3	1
365	Bi- and tri-layer splittings in a new formulation for the tJ model of cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 2003 , 388-389, 55-56	1.3	
364	Tunneling spectra in multilayered superconductors with multiple gaps. <i>Physica C: Superconductivity and Its Applications</i> , 2003 , 392-396, 123-126	1.3	1
363	Andreev reflection in ferromagnet/superconductor/ferromagnet structures. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2003 , 18, 52-53	3	
362	Spin accumulation in ferromagnetic single-electron transistors. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2003 , 18, 54-55	3	
361	Numerical study of phonon spectra in strongly correlated electron systems. <i>Physica C: Superconductivity and Its Applications</i> , 2003 , 388-389, 59-60	1.3	1
360	Resonant two-magnon Raman scattering in two-dimensional and ladder-type Mott insulators. <i>Physica C: Superconductivity and Its Applications</i> , 2003 , 392-396, 203-206	1.3	
359	Electron and phonon dynamics in copper oxides. <i>Physica C: Superconductivity and Its Applications</i> , 2003 , 392-396, 199-202	1.3	5
358	Crossed Andreev reflection in structures consisting of a superconductor with ferromagnetic leads. <i>Physical Review B</i> , 2003 , 68,	3.3	52
357	Spin injection and detection in magnetic nanostructures. <i>Physical Review B</i> , 2003 , 67,	3.3	366
356	Doping dependence of chemical potential and entropy in hole- and electron-doped high-Tc cuprates. <i>Physical Review B</i> , 2003 , 67,	3.3	37
355	Andreev reflection in ferromagnet/superconductor/ferromagnet double junction systems. <i>Physical Review B</i> , 2003 , 67,	3.3	57
354	Kondo effect in quantum dots coupled to ferromagnetic leads. <i>Physical Review Letters</i> , 2003 , 91, 127203	7.4	269
353	Electronic state of a CoO ₂ layer with hexagonal structure: a Kagom lattice structure in a triangular lattice. <i>Physical Review Letters</i> , 2003 , 91, 257003	7.4	104
352	Pressure enhanced tunnel magnetoresistance in Co-Al-O granular films. <i>Physical Review B</i> , 2003 , 68,	3.3	7
351	Orbital excitations in LaMnO ₃ studied by resonant inelastic x-ray scattering. <i>Physical Review B</i> , 2003 , 67,	3.3	58
350	Mott gap excitations and resonant inelastic x-ray scattering in doped cuprates. <i>Physical Review Letters</i> , 2003 , 91, 117001	7.4	51

349	Thermodynamic and thermoelectric properties of high-temperature cuprate superconductors in the stripe phase. <i>Physical Review B</i> , 2003 , 67,	3-3	3
348	Bilayer splitting in overdoped high-Tc cuprates. <i>Physical Review B</i> , 2003 , 67,	3-3	5
347	Two-Orbitals Model and Orbital Order. <i>Springer Series in Solid-state Sciences</i> , 2003 , 169-191	0-4	
346	Two Ferromagnetic States in Magnetoresistive Manganites-First Order Transition Driven by Orbitals 2002 , 57-70		
345	Spin-relaxation and magnetoresistance in FM/SC/FM tunnel junctions. <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 240, 100-102	2-8	21
344	Spin accumulation and cotunneling effects in ferromagnetic single-electron transistors. <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 240, 143-145	2-8	2
343	Electronic excitations in the antiferromagnetic phase of electron-doped high-Tc cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 2002 , 378-381, 178-181	1-3	
342	Quasiparticle excitations in multi-layer cuprate superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2002 , 378-381, 333-336	1-3	
341	Dynamics of orbital degree of freedom in transition-metal oxides. <i>Journal of Physics and Chemistry of Solids</i> , 2002 , 63, 1343-1346	3-9	
340	Nonlinear optical response in one-dimensional Mott insulators. <i>Journal of Physics and Chemistry of Solids</i> , 2002 , 63, 1599-1602	3-9	2
339	Charge dynamics in electron-underdoped high-Tc cuprates. <i>Journal of Physics and Chemistry of Solids</i> , 2002 , 63, 2357-2359	3-9	
338	Experimental quest for orbital waves. <i>Nature</i> , 2002 , 418, 40-40	50-4	23
337	Resonant two-magnon Raman scattering and photoexcited States in two-dimensional mott insulators. <i>Physical Review Letters</i> , 2002 , 89, 257405	7-4	25
336	Hall effect induced by a spin-polarized current in superconductors. <i>Physical Review Letters</i> , 2002 , 88, 116601	7-4	72
335	Nonlinear optical response in two-dimensional Mott insulators. <i>Physical Review B</i> , 2002 , 66,	3-3	13
334	Electronic states and superconductivity in multilayer high-Tc cuprates. <i>Physical Review B</i> , 2002 , 66,	3-3	29
333	Spin accumulation in ferromagnetic single-electron transistors in the cotunneling regime. <i>Physical Review B</i> , 2002 , 66,	3-3	37
332	Magnetic ordering, orbital ordering, and resonant x-ray scattering in perovskite titanates. <i>Physical Review B</i> , 2002 , 65,	3-3	35

331	Andreev reflection in narrow ferromagnet/superconductor point contacts. <i>Journal of Applied Physics</i> , 2002 , 91, 7032	2.5	7
330	Spin transport and relaxation in superconductors. <i>Physical Review B</i> , 2002 , 65,	3.3	48
329	Spin injection into superconductors. <i>Journal Physics D: Applied Physics</i> , 2002 , 35, 2452-2456	3	7
328	A Jordan-Wigner transformation for the Jand Hubbard models with holes. <i>Journal of Physics Condensed Matter</i> , 2002 , 14, L19-L28	1.8	5
327	Spin dynamical properties and orbital states of the layered perovskite $\text{La}_{2-x}\text{Sr}_{1+2x}\text{Mn}_2\text{O}_7$ (0.3). <i>Physical Review B</i> , 2002 , 65,	3.3	48
326	Orbital ordering in LaMnO_3 : Electron-electron and electron-lattice interactions. <i>Physical Review B</i> , 2002 , 65,	3.3	67
325	Resonant x-ray scattering in manganites: study of the orbital degree of freedom. <i>Reports on Progress in Physics</i> , 2002 , 65, 561-598	14.4	38
324	Theory of Raman scattering from orbital excitations in manganese oxides. <i>Physical Review B</i> , 2002 , 66,	3.3	12
323	Theory of Orbital Dynamics and their Observation by Polarized Light/X-Ray Scatterings. <i>Journal of the Physical Society of Japan</i> , 2002 , 71, 60-63	1.5	
322	Nonlinear optical response in Mott insulators. <i>Journal of Luminescence</i> , 2001 , 94-95, 659-662	3.8	7
321	Effect of charge stripes on electronic and magnetic properties in high- T_c cuprates. <i>Journal of Physics and Chemistry of Solids</i> , 2001 , 62, 269-271	3.9	
320	Effect of nonmagnetic impurities on stripes in high- T_c cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 2001 , 357-360, 93-95	1.3	8
319	Spin-polarized tunneling and spin injection in superconductor-ferromagnet junctions. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2001 , 84, 44-48	3.1	3
318	Effect of the quantum domain wall on conductance quantization and magnetoresistance in magnetic point contacts. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2001 , 84, 107-113	3.1	7
317	Enhanced tunnel magnetoresistance in granular nanobridges. <i>Applied Physics Letters</i> , 2001 , 78, 515-517	3.4	81
316	Effect of four-spin interaction on magnetic excitation in ladder and 2D insulating cuprates. <i>Journal of Physics and Chemistry of Solids</i> , 2001 , 62, 273-276	3.9	4
315	Observation of orbital waves as elementary excitations in a solid. <i>Nature</i> , 2001 , 410, 180-3	50.4	181
314	Theoretical study of orbital ordering/fluctuation and resonant X-ray scattering in manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 226-230, 908-910	2.8	

313	Theory of resonant X-ray scattering as a probe to detect the orbital orderings and excitations in CMR manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 233, 21-30	2.8	2
312	Vanishing Hall constant in the stripe phase of cuprates. <i>Physical Review B</i> , 2001 , 64,	3.3	24
311	Conductance quantization and Andreev reflection in narrow ferromagnet/superconductor point contacts. <i>Physical Review B</i> , 2001 , 65,	3.3	22
310	Magnetic excitations from the edge-sharing CuO ₂ chains in Ca ₂ Y ₂ Cu ₅ O ₁₀ . <i>Physical Review B</i> , 2001 , 63,	3.3	23
309	Electronic states in the antiferromagnetic phase of electron-doped high-T _c cuprates. <i>Physical Review B</i> , 2001 , 64,	3.3	51
308	Orbital structure and magnetic ordering in layered manganites: Universal correlation and its mechanism. <i>Physical Review B</i> , 2001 , 63,	3.3	29
307	Joule heating generated by spin current through Josephson junctions. <i>Journal of Applied Physics</i> , 2001 , 89, 7505-7507	2.5	7
306	Temperature dependence of spin correlation and charge dynamics in the stripe phase of high-T _c superconductors. <i>Physical Review B</i> , 2001 , 64,	3.3	10
305	Large third-order optical nonlinearity of Cu-O chains investigated by third-harmonic generation spectroscopy. <i>Physical Review Letters</i> , 2001 , 87, 177401	7.4	55
304	Effects of spin and orbital degeneracy on the thermopower of strongly correlated systems. <i>Physical Review Letters</i> , 2001 , 87, 236603	7.4	170
303	Charge and spin in low-dimensional cuprates. <i>Reports on Progress in Physics</i> , 2001 , 64, 383-428	14.4	45
302	Resonant inelastic x-ray scattering from charge and orbital excitations in manganites. <i>Physical Review B</i> , 2001 , 64,	3.3	18
301	Field-induced orbital order-disorder transition in an A-type antiferromagnetic manganite: High-field study of Nd _{0.45} Sr _{0.55} MnO ₃ . <i>Physical Review B</i> , 2001 , 65,	3.3	12
300	Spin Liquid State around a Doped Hole in Insulating Cuprates. <i>Journal of the Physical Society of Japan</i> , 2000 , 69, 9-12	1.5	27
299	Resonant inelastic X-ray scattering spectrum in high-T _c cuprates. <i>Physica B: Condensed Matter</i> , 2000 , 284-288, 457-458	2.8	3
298	Electronic structure and excitation spectra in doped nickelates. <i>Physica B: Condensed Matter</i> , 2000 , 284-288, 1471-1472	2.8	
297	Are spin and charge really separated in HTS? Comparison between theory and experiment. <i>Physica C: Superconductivity and Its Applications</i> , 2000 , 341-348, 55-58	1.3	2
296	Resonant inelastic X-ray scattering in copper oxides. <i>Physica C: Superconductivity and Its Applications</i> , 2000 , 341-348, 205-206	1.3	1

295	Systematic study of magnetic interactions in insulating cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 2000 , 341-348, 473-474	1.3	1
294	Charge stripes in underdoped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>Physica C: Superconductivity and Its Applications</i> , 2000 , 341-348, 1771-1774	1.3	
293	Temperature dependence of spin and charge correlations in stripe phase. <i>Physica C: Superconductivity and Its Applications</i> , 2000 , 341-348, 1787-1788	1.3	
292	Spin injection in ferromagnet/superconductor/ferromagnet tunnel junctions. <i>Physica C: Superconductivity and Its Applications</i> , 2000 , 341-348, 1515-1518	1.3	10
291	Antiferromagnetic ordering of $S=12$ triangles in $\text{La}_4\text{Cu}_3\text{MoO}_{12}$. <i>Physical Review B</i> , 2000 , 62, R3588-R3594	3.3	44
290	Resonant inelastic x-ray scattering in one-dimensional copper oxides. <i>Physical Review B</i> , 2000 , 61, 7180-7182	3.3	34
289	Theory of orbital ordering, fluctuation, and resonant x-ray scattering in manganites. <i>Physical Review B</i> , 2000 , 62, R9252-R9255	3.3	17
288	Orbital stability in the spin-ordered phase of bilayer manganites as investigated by neutron-diffraction measurements. <i>Physical Review B</i> , 2000 , 61, 11270-11273	3.3	5
287	Pressure-induced insulator-metal transition in a bilayer manganite: Pressure control of orbital stability. <i>Physical Review B</i> , 2000 , 62, 17-20	3.3	27
286	Orbital ordering and resonant x-ray scattering in layered manganites. <i>Physical Review B</i> , 2000 , 62, 5690-5695	3.3	19
285	Spin injection and magnetoresistance in ferromagnet/superconductor/ferromagnet tunnel junctions. <i>Journal of Applied Physics</i> , 2000 , 87, 5227-5229	2.5	21
284	Phase transition in perovskite manganites with orbital degree of freedom. <i>Physical Review B</i> , 2000 , 61, 14647-14655	3.3	17
283	Reconsideration of the lattice effect on the charge-ordering transition of doped manganites. <i>Physical Review B</i> , 2000 , 62, 80-83	3.3	16
282	Theory of orbital excitation and resonant inelastic x-ray scattering in manganites. <i>Physical Review B</i> , 2000 , 62, 2338-2345	3.3	39
281	Orbital degree of freedom and phase separation in ferromagnetic manganites at finite temperatures. <i>Physical Review B</i> , 2000 , 61, 451-458	3.3	64
280	Nonlinear optical response and spin-charge separation in one-dimensional Mott insulators. <i>Physical Review B</i> , 2000 , 62, R4769-R4773	3.3	84
279	Coulomb staircase in STM current through granular films. <i>Physical Review B</i> , 2000 , 61, 46-49	3.3	42
278	Thermopower in cobalt oxides. <i>Physical Review B</i> , 2000 , 62, 6869-6872	3.3	643

277	Orbital liquid in three-dimensional mott insulator: LaTiO ₃ . <i>Physical Review Letters</i> , 2000 , 85, 3950-3	7.4	238
276	Conductance quantization and magnetoresistance in magnetic point contacts. <i>Physical Review Letters</i> , 2000 , 84, 1003-6	7.4	112
275	Angle-resolved photoemission in highTccuprates from theoretical viewpoints. <i>Superconductor Science and Technology</i> , 2000 , 13, R17-R32	3.1	127
274	Electronic structure of mott insulators studied by inelastic X-ray scattering. <i>Science</i> , 2000 , 288, 1811-4	33.3	185
273	Charge Stripes and Electronic States in Underdoped La _{2-x} Sr _x CuO ₄ 2000 , 164-166		
272	Magnetic Interaction in 1D, 2D and Ladder Cuprates 2000 , 194-196		
271	Evolution of Spectral Function from Insulator to Superconductor: What do We Learn from Angle-Resolved Photoemission? 2000 , 170-172		
270	Effect of Stripes on Electronic States in Underdoped La _{2-x} Sr _x CuO ₄ . <i>Physical Review Letters</i> , 1999 , 82, 4910-4913	7.4	64
269	Spin-dependent Coulomb blockade in ferromagnet/normal-metal/ferromagnet double tunnel junctions. <i>Physical Review B</i> , 1999 , 59, 6017-6020	3.3	74
268	Stripe stability in the extended t \bar{t} model on planes and four-leg ladders. <i>Physical Review B</i> , 1999 , 59, R11649-R11652	3.3	49
267	Interrelation between orbital polarization and magnetic structure in bilayer manganites. <i>Physical Review B</i> , 1999 , 59, R14153-R14156	3.3	29
266	Transition between Two Ferromagnetic States Driven by Orbital Ordering in La _{0.88} Sr _{0.12} MnO ₃ . <i>Physical Review Letters</i> , 1999 , 82, 4328-4331	7.4	241
265	Momentum Dependence of Resonant Inelastic X-Ray Scattering Spectrum in Insulating Cuprates. <i>Physical Review Letters</i> , 1999 , 83, 3705-3708	7.4	88
264	Incommensurate State and Spin-Induced Peierls Instability. <i>Physical Review Letters</i> , 1999 , 82, 2119-2122	7.4	14
263	Interchain interactions and magnetic properties of Li ₂ CuO ₂ . <i>Physical Review B</i> , 1999 , 60, 6230-6233	3.3	32
262	Electronic and magnetic states in doped LaCoO ₃ . <i>Physical Review B</i> , 1999 , 59, 4549-4552	3.3	20
261	Differences in optical conductivity between one- and two-dimensional doped nickelates. <i>Physical Review B</i> , 1999 , 59, 9729-9732	3.3	12
260	Motion of holes in two-dimensional ferromagnetic manganites: comparison with high T _c cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 1999 , 317-318, 205-210	1.3	4

259	Field induced transition from metal to insulator in the colossal magneto-resistance manganites. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1999 , 63, 151-158	3.1	1
258	Doping dependence of electronic excitations in high T _c superconducting cuprates. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1999 , 63, 159-162	3.1	1
257	Role of Stripes in Spin and Charge Dynamics of Underdoped La _{2-x} Sr _x CuO ₄ . <i>Journal of Low Temperature Physics</i> , 1999 , 117, 211-215	1.3	3
256	Magnetic Interaction in Insulating Cuprates. <i>Journal of Low Temperature Physics</i> , 1999 , 117, 389-393	1.3	27
255	Enhancement in spin-dependent tunneling with Coulomb blockade. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 198-199, 143-145	2.8	11
254	Tunnel-MR and spin electronics in metal-nonmetal granular systems. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 198-199, 179-184	2.8	60
253	Effects of spin-flip and magnon-inelastic scattering on tunnel magnetoresistance. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 198-199, 167-169	2.8	26
252	Theory of tunnel conductance through a strongly disordered spacer. <i>Journal of Magnetism and Magnetic Materials</i> , 1999 , 198-199, 545-547	2.8	10
251	Finite Temperature Effects in a One-Dimensional Mott-Hubbard Insulator: Angle-Resolved Photoemission Study of Na _{0.96} V ₂ O ₅ . <i>Physical Review Letters</i> , 1999 , 82, 803-806	7.4	33
250	Effect of magnetic frustration on the single-hole spectral function in the t ₁ t ₂ model. <i>Physical Review B</i> , 1999 , 59, 1840-1844	3.3	11
249	Spin Imbalance and Magnetoresistance in Ferromagnet/Superconductor/Ferromagnet Double Tunnel Junctions. <i>Physical Review Letters</i> , 1999 , 82, 3911-3914	7.4	161
248	Effects of Randomness on Tunnel Conductance and Magnetoresistance in Ferromagnetic Tunnel Junctions. <i>Journal of the Physical Society of Japan</i> , 1999 , 68, 1632-1639	1.5	45
247	High Temperature Superconductors as a Member of Transition Metal Oxides. <i>Springer Series in Solid-state Sciences</i> , 1999 , 136-143	0.4	1
246	Theory of Anomalous X-ray Scattering in a Variety of Orbital Ordered Manganites. <i>Springer Series in Solid-state Sciences</i> , 1999 , 84-94	0.4	
245	Roles of Orbitals in Transition Metal Oxides. <i>Springer Series in Solid-state Sciences</i> , 1999 , 69-83	0.4	
244	ELECTRONIC STATES AND EXCITATION SPECTRA OF COPPER OXIDES WITH LADDER AND/OR CHAIN. <i>Journal of Physics and Chemistry of Solids</i> , 1998 , 59, 2224-2226	3.9	1
243	Electronic structure in manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 1998 , 177-181, 850-853	3.8	3
242	EFFECT OF SPIN GAP ON SINGLE-HOLE EXCITATION SPECTRUM IN THE ONE-DIMENSIONAL t ₁ t ₂ MODEL. <i>Journal of Physics and Chemistry of Solids</i> , 1998 , 59, 1864-1866	3.9	4

241	Spin and charge excitations and photoemission spectra in 1D and 2D cuprates. <i>Journal of Physics and Chemistry of Solids</i> , 1998 , 59, 1897-1901	3.9	5
240	Systematics of the Photoemission Spectral Function of Cuprates: Insulators and Hole- and Electron-Doped Superconductors. <i>Physical Review Letters</i> , 1998 , 80, 4245-4248	7.4	218
239	Enhanced Magnetoresistance in Insulating Granular Systems: Evidence for Higher-Order Tunneling. <i>Physical Review Letters</i> , 1998 , 81, 2799-2802	7.4	295
238	Electronic states and magnetic properties of edge-sharing Cu-O chains. <i>Physical Review B</i> , 1998 , 57, 5326-5335	3.3	258
237	Superexchange interaction in cuprates. <i>Physical Review B</i> , 1998 , 58, R14713-R14716	3.3	37
236	Effect of Coulomb Blockade on Magnetoresistance in Ferromagnetic Tunnel Junctions. <i>Physical Review Letters</i> , 1998 , 80, 1758-1761	7.4	265
235	Numerical Study of Magnetoresistance in Ferromagnetic Tunnel Junctions. <i>Japanese Journal of Applied Physics</i> , 1998 , 37, 5554-5559	1.4	23
234	Polarization dependence of anomalous x-ray scattering in orbital-ordered manganites. <i>Physical Review B</i> , 1998 , 58, 13442-13451	3.3	54
233	Flux State in the Double-Exchange Model. <i>Physical Review Letters</i> , 1998 , 81, 5604-5607	7.4	46
232	Theory of Anomalous X-Ray Scattering in Orbital-Ordered Manganites. <i>Physical Review Letters</i> , 1998 , 80, 3799-3802	7.4	133
231	Range dependence of interlayer exchange coupling. <i>Physical Review B</i> , 1998 , 58, 5588-5593	3.3	29
230	Electronic States of Doped Spin Ladders (Sr,Ca) ₁₄ Cu ₂₄ O ₄₁ . <i>Journal of the Physical Society of Japan</i> , 1997 , 66, 937-940	1.5	50
229	Effective Hamiltonian in manganites: Study of the orbital and spin structures. <i>Physical Review B</i> , 1997 , 55, 8280-8286	3.3	216
228	Separation of spin and charge excitations in one-dimensional SrCuO ₂ . <i>Physical Review B</i> , 1997 , 56, 15589-15593	3.3	59
227	Insulator-metal transition in one dimension induced by long-range electronic interactions. <i>Physical Review B</i> , 1997 , 56, R1645-R1649	3.3	39
226	Interplay of Spin and Orbital Orderings in Perovskite Manganites. <i>Journal of the Physical Society of Japan</i> , 1997 , 66, 957-960	1.5	52
225	Dynamics of a Carrier in the Spin-Fermion Model with Hund Coupling. <i>Journal of the Physical Society of Japan</i> , 1997 , 66, 2758-2763	1.5	4
224	Pressure Effects in Manganites with Layered Perovskite Structure. <i>Journal of the Physical Society of Japan</i> , 1997 , 66, 2965-2968	1.5	30

223	Effects of Orbitals on the Magnetization Process in Manganites. <i>Journal of the Physical Society of Japan</i> , 1997 , 66, 2985-2988	1.5	15
222	Dynamical scaling behavior of current-electric field characteristics in two-dimensional disordered superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1997 , 274, 351-356	1.3	3
221	Probing interaction of paramagnetic electron with conduction electrons in high Tc superconductor LaSrCuO by (ED) spin relaxation 1997 , 105, 175-179		
220	Single-particle excitation in one-dimensional extended Hubbard model. <i>Physica B: Condensed Matter</i> , 1997 , 230-232, 1050-1053	2.8	1
219	Magnetic properties of a magnetic impurity in a strongly correlated electronic system. <i>Physica B: Condensed Matter</i> , 1997 , 230-232, 1054-1057	2.8	
218	Magnetic and orbital excitations in manganese oxides. <i>Physica B: Condensed Matter</i> , 1997 , 230-232, 1058-1060	2.8	1
217	Spin and orbital orderings in perovskite manganites. <i>Physica B: Condensed Matter</i> , 1997 , 237-238, 48-50	2.8	
216	Raman scattering by orbital waves in perovskite LaMnO ₃ . <i>Physica B: Condensed Matter</i> , 1997 , 237-238, 51-53	2.8	16
215	Electronic states and effective Hamiltonian of CuGeO ₃ . <i>Physica B: Condensed Matter</i> , 1997 , 237-238, 135-136	2.8	3
214	Perpendicular electrical transport through a single random interface. <i>Physica B: Condensed Matter</i> , 1997 , 237-238, 264-266	2.8	
213	Effects of a magnetic field in Kondo insulators: An exact diagonalization study of the Anderson lattice model. <i>Physica B: Condensed Matter</i> , 1997 , 230-232, 421-424	2.8	5
212	Electronic excitations in strongly correlated systems; 1D vs. 2D. <i>Physica C: Superconductivity and Its Applications</i> , 1997 , 282-287, 286-289	1.3	8
211	Electronic states and excitation spectra of A ₁₄ Ca _x Cu ₂₄ O ₄₁ (ASr,La). <i>Physica C: Superconductivity and Its Applications</i> , 1997 , 282-287, 991-992	1.3	7
210	Spectral properties of one-dimensional copper oxides. <i>Physica C: Superconductivity and Its Applications</i> , 1997 , 282-287, 1785-1786	1.3	
209	Approximate Decoupling of Spin and Charge Excitations in the Two-Dimensional-t-J Model. <i>Journal of the Physical Society of Japan</i> , 1996 , 65, 1902-1905	1.5	27
208	Observation of Spin-Charge Separation in One-Dimensional SrCuO ₂ . <i>Physical Review Letters</i> , 1996 , 77, 4054-4057	7.4	317
207	Theory of tunneling magnetoresistance in granular magnetic films. <i>Physical Review B</i> , 1996 , 53, R11927-R11929	3.5	366
206	Superconductivity in Spin Ladders. <i>Science</i> , 1996 , 273, 1515-0	33.3	38

205	Electronic States of Cuprate Superconductors with Apical Halogen. <i>Journal of the Physical Society of Japan</i> , 1996 , 65, 667-670	1.5	5
204	Interaction of paramagnetic electron with highT _c supercurrent in LaSrCuO studied by (D) probe. <i>Hyperfine Interactions</i> , 1996 , 97-98, 387-394	0.8	5
203	Spin and orbital orderings and their excitations in perovskite Mn oxides. <i>European Physical Journal D</i> , 1996 , 46, 3225-3231		
202	Carrier dynamics and magneto-transport in Kondo-Hubbard model. <i>European Physical Journal D</i> , 1996 , 46, 1859-1860		
201	Spin and orbital excitations in perovskite Mn oxides. <i>European Physical Journal D</i> , 1996 , 46, 1861-1862		
200	Localized spins and vacancies in the two-dimensional-t-J model. <i>European Physical Journal D</i> , 1996 , 46, 1885-1886		
199	Anomalous spectral function of the 1D and 2Dt-J models. <i>European Physical Journal D</i> , 1996 , 46, 1953-1954		1
198	Spin-dependent transport in magnetic nanostructures. <i>Journal of Magnetism and Magnetic Materials</i> , 1996 , 156, 315-316	2.8	8
197	A theory of conductivity for perpendicular currents through a single random interface. <i>Journal of Magnetism and Magnetic Materials</i> , 1996 , 156, 343-344	2.8	2
196	Low energy excitations of the Anderson lattice model. <i>Physica C: Superconductivity and Its Applications</i> , 1996 , 263, 107-110	1.3	1
195	Effects of Hund coupling on magneto-transport in perovskite Mn oxides. <i>Physica C: Superconductivity and Its Applications</i> , 1996 , 263, 138-141	1.3	
194	Anomalous low-energy excitations in strongly correlated electron systems. <i>Physica C: Superconductivity and Its Applications</i> , 1996 , 263, 61-65	1.3	13
193	Electronic structure and effective Hamiltonian in perovskite Mn oxides. <i>Physica C: Superconductivity and Its Applications</i> , 1996 , 263, 130-133	1.3	84
192	Computer simulation of the magnetization process in a pulse external field. <i>Physica C: Superconductivity and Its Applications</i> , 1996 , 263, 21-24	1.3	2
191	Dynamics of a carrier in the antiferromagnetic state with strong Hund coupling. <i>Physica C: Superconductivity and Its Applications</i> , 1996 , 263, 142-145	1.3	1
190	Impurity effect in the 2D t-J model. <i>Physica C: Superconductivity and Its Applications</i> , 1996 , 263, 94-98	1.3	6
189	Dynamics of a hole in spin 1 chain. <i>Physica C: Superconductivity and Its Applications</i> , 1996 , 263, 118-121	1.3	2
188	Quantum Monte Carlo study of a magnetic impurity in a strongly correlated electron system. <i>Physica C: Superconductivity and Its Applications</i> , 1996 , 263, 90-93	1.3	1

187	Electronic states of cuprate superconductors containing halogen or carbon. <i>Journal of Low Temperature Physics</i> , 1996 , 105, 1547-1552	1.3	
186	Superconducting State in the Three-Band Hubbard Model: A Variational Monte Carlo Study. <i>Journal of the Physical Society of Japan</i> , 1996 , 65, 365-368	1.5	8
185	Heavy quasiparticles in the Anderson lattice model. <i>Physical Review Letters</i> , 1996 , 76, 279-282	7.4	33
184	Theory of spin-dependent tunneling and transport in magnetic nanostructures (invited). <i>Journal of Applied Physics</i> , 1996 , 79, 4730	2.5	10
183	Fermi-surface and charge-spin excitations in strongly correlated electron systems. <i>Journal of Low Temperature Physics</i> , 1995 , 99, 467-472	1.3	
182	Giant magnetoresistance in layered Mn oxides. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1995 , 31, 193-197	3.1	3
181	Giant magneto-transport phenomena in inhomogeneous materials. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1995 , 31, 11-16	3.1	2
180	Excitation spectra in periodic Anderson and Kondo lattices. <i>Physica B: Condensed Matter</i> , 1995 , 206-207, 147-150	2.8	3
179	Electron correlations in high-T _c superconductors. <i>Physica B: Condensed Matter</i> , 1995 , 206-207, 641-644	2.8	
178	Gutzwiller approach to the three-band Hubbard model the antiferromagnetic phase. <i>Physica C: Superconductivity and Its Applications</i> , 1995 , 242, 311-325	1.3	2
177	Effects of vortex-pair creation on the vortex dynamics with transport current. <i>Physica C: Superconductivity and Its Applications</i> , 1995 , 247, 156-162	1.3	6
176	Complex resistivity of two-dimensional vortex systems in random media. <i>Physica C: Superconductivity and Its Applications</i> , 1995 , 251, 355-360	1.3	
175	Effects of long-range interaction in one-dimensional electron systems. <i>Journal of Physics and Chemistry of Solids</i> , 1995 , 56, 1779-1780	3.9	4
174	Numerical study of magnetoresistance in granular alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 505-506	2.8	2
173	Magnetoresistance in metallic multilayers by the cellular method. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 140-144, 499-500	2.8	
172	Superconductor/Insulator/Superconductor quasiparticle tunneling current in Ba _{1-x} K _x BiO ₃ grain-boundary junctions on SrTiO ₃ bicrystal substrates. <i>Applied Physics Letters</i> , 1995 , 66, 1000-1002	3.4	10
171	c-axis charge dynamics in the bilayer t-J model: A numerical study. <i>Physical Review B</i> , 1995 , 51, 3265-3268	3.3	16
170	Theory of giant magnetoresistance for parallel and perpendicular currents in magnetic multilayers. <i>Physical Review B</i> , 1995 , 51, 342-352	3.3	44

169	Excitation spectra of the negative-U Hubbard model: A small-cluster study. <i>Physical Review B</i> , 1995 , 52, 15617-15620	3-3	13
168	Spin and charge dynamics of the t-J model. <i>Physical Review Letters</i> , 1995 , 74, 980-983	7-4	65
167	Ground-state properties and dynamics of the bilayer t-J model. <i>Physical Review B</i> , 1995 , 52, 7708-7714	3-3	9
166	Anomalous spin and charge dynamics of the t-J model at low doping. <i>Physical Review Letters</i> , 1995 , 74, 5124-5127	7-4	47
165	Spiral State and Giant Magnetoresistance in Perovskite Mn Oxides. <i>Physical Review Letters</i> , 1995 , 74, 3407-3410	7-4	182
164	Exact-diagonalization study of the Hubbard model with nearest-neighbor repulsion. <i>Physical Review B</i> , 1994 , 50, 13594-13602	3-3	32
163	Theory of Dzyaloshinski-Moriya antiferromagnetism in distorted CuO ₂ and NiO ₂ planes. <i>Physical Review B</i> , 1994 , 50, 3767-3778	3-3	43
162	Bogoliubov quasiparticle excitations in the two-dimensional t-J model. <i>Physical Review Letters</i> , 1994 , 73, 324-327	7-4	64
161	Role of next-nearest-neighbor hopping in the t-t'-J model. <i>Physical Review B</i> , 1994 , 49, 3596-3599	3-3	147
160	Dynamics of a hole in the antiferromagnetic states of two- and three-dimensional lattices. <i>Physical Review B</i> , 1994 , 49, 6213-6219	3-3	4
159	Gutzwiller wave function in the three-band Hubbard model: A variational Monte Carlo study. <i>Physical Review B</i> , 1994 , 49, 6880-6889	3-3	16
158	Numerical study of the effect of Coulomb repulsion on resonant tunneling. <i>Physical Review B</i> , 1994 , 50, 2667-2670	3-3	17
157	Origin of the magnetic anisotropy and spin-wave gap in La ₂ CuO ₄ . <i>Physica B: Condensed Matter</i> , 1994 , 194-196, 279-280	2-8	
156	Dynamics of a hole in the antiferromagnetic state of a layered structure. <i>Physica B: Condensed Matter</i> , 1994 , 194-196, 1457-1458	2-8	1
155	Electronic structure of the Hubbard and extended Hubbard models: An exact diagonalization study. <i>Physica B: Condensed Matter</i> , 1994 , 194-196, 1569-1570	2-8	1
154	Magnetic flux line in a disordered medium. <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 233, 195-202	1-3	2
153	Simulation study of the mixed state in inhomogeneous superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 227, 387-394	1-3	20
152	Theory of magnetism in low symmetry crystals: cuprates and nickelates. <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 235-240, 1551-1552	1-3	

151	Bogoliubov quasiparticle excitations in the negative-U Hubbard model: a small-cluster study. <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 235-240, 2169-2170	1.3	1
150	Antiferromagnetic state in the three-band Hubbard model. <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 235-240, 2197-2198	1.3	1
149	Magnetic and transport properties in (La-X)MnO ₃ (X:Ca, Ba and Sr). <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 235-240, 2199-2200	1.3	3
148	Exact diagonalization study of spin and charge dynamics in the t-J model. <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 235-240, 2231-2232	1.3	2
147	Excitations and superconductivity in the two-dimensional t-J model. <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 235-240, 2277-2278	1.3	
146	Charge- and spin-susceptibilities in the one-dimensional hubbard model with long-range interaction. <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 235-240, 2303-2304	1.3	
145	Magnetic flux structure in inhomogeneous superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 235-240, 2421-2422	1.3	
144	Giant magnetoresistance in granular alloys: two-band model. <i>Journal of Magnetism and Magnetic Materials</i> , 1994 , 136, L18-L22	2.8	6
143	Electronic density of states at random interfaces and magnetoresistance in Co-Ni/Cu multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1994 , 136, L33-L37	2.8	8
142	Giant magnetoresistance in magnetic granular alloys. <i>Physical Review B</i> , 1994 , 49, 12831-12834	3.3	46
141	Theory of Magnetoresistance in Multilayers. <i>IEEE Translation Journal on Magnetism in Japan</i> , 1993 , 8, 370-380		1
140	Comment on "Moriya's anisotropic superexchange interaction, frustration, and Dzyaloshinsky's weak ferromagnetism". <i>Physical Review Letters</i> , 1993 , 71, 467	7.4	27
139	Parallel and perpendicular transport in multilayered structures. <i>Physical Review B</i> , 1993 , 48, 6192-6198	3.3	94
138	Electronic and magnetic structures of cuprates with spin-orbit interaction. <i>Physical Review B</i> , 1993 , 47, 3391-3400	3.3	55
137	Effects of the surface boundary on the magnetization process in type-II superconductors. <i>Physical Review B</i> , 1993 , 47, 8016-8024	3.3	152
136	Electronic structure and transport properties in magnetic superlattices. <i>Physical Review B</i> , 1993 , 47, 5809-5818	3.3	179
135	Spectral function and Fermi surface in high-T _c cuprates. <i>Physica B: Condensed Matter</i> , 1993 , 186-188, 928-930	2.8	1
134	A variational Monte Carlo study of the three-band Hubbard model. <i>Physica B: Condensed Matter</i> , 1993 , 186-188, 953-955	2.8	3

133	Dynamics of a hole in the spin-fermion model. <i>Physica B: Condensed Matter</i> , 1993 , 186-188, 956-958	2.8	2
132	Raman scattering in the two-dimensional Hubbard model. <i>Physica B: Condensed Matter</i> , 1993 , 186-188, 968-970	2.8	
131	Exact diagonalization study of magnetic properties at finite temperatures in the t-J model. <i>Physica C: Superconductivity and Its Applications</i> , 1993 , 215, 382-390	1.3	10
130	Impurity effects on the transport properties of two-dimensional magnetic vortex systems. <i>Physica C: Superconductivity and Its Applications</i> , 1993 , 215, 51-58	1.3	13
129	Spin dependent resistivity in magnetic alloys and multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1993 , 127, L249-L253	2.8	10
128	A theory of electrical resistivity for perpendicular current in multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1993 , 126, 413-415	2.8	6
127	Electronic structures and magnetotransport in magnetic multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1993 , 126, 479-481	2.8	5
126	Numerical study of the conductance in magnetic superlattices. <i>Journal of Magnetism and Magnetic Materials</i> , 1993 , 126, 482-484	2.8	2
125	Electronic states and magnetoresistance in multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1993 , 121, 344-349	2.8	20
124	Ingap state in doped and undoped cuprates. <i>Journal of Physics and Chemistry of Solids</i> , 1993 , 54, 1085-1093	2.8	3
123	Transport Properties in Magnetic Superlattices. <i>Journal of the Physical Society of Japan</i> , 1992 , 61, 1149-1152	1.5	69
122	Dynamics of Two Holes in the t-J Model. <i>Progress of Theoretical Physics Supplement</i> , 1992 , 108, 313-326		11
121	Evolution of the in-gap state in high-T _c cuprates. <i>Physical Review B</i> , 1992 , 46, 14022-14033	3.3	63
120	Effects of Interface Roughness on Conductance in Superlattices. <i>Journal of the Physical Society of Japan</i> , 1992 , 61, 2652-2655	1.5	27
119	Physical Parameters in High-Temperature Superconductors. <i>Springer Series in Solid-state Sciences</i> , 1992 , 29-43	0.4	5
118	Implications of the Nuclear Quadrupole Frequency in High-T _c Cuprates. <i>Journal of the Physical Society of Japan</i> , 1992 , 61, 2198-2201	1.5	40
117	One-particle excitation spectra, optical conductivity and O 1s x-ray absorption spectra in high-T _c cuprates: a cluster model approach. <i>Physica C: Superconductivity and Its Applications</i> , 1992 , 191, 193-198	1.3	42
116	Computer simulations of a vortex line motion in type-II superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1992 , 192, 166-172	1.3	15

115	Magnetoresistance in metallic superlattices. <i>Journal of Magnetism and Magnetic Materials</i> , 1992 , 104-107, 1883-1884	2.8	32
114	Electronic Structure in Superconducting Copper Oxides. <i>Springer Proceedings in Physics</i> , 1992 , 105-115	0.2	5
113	Present Status of the Theories on High Tc Superconductors 1992 , 47-51		
112	Study of High Temperature Superconducting Oxides-I. Theory.. <i>TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan)</i> , 1992 , 27, 187-194	0.1	
111	Ground state of the two-dimensional Dzyaloshinski-Moriya antiferromagnet. <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 185-189, 1509-1510	1.3	3
110	Doping dependence of optical conductivity and photoemission spectra in high Tc copper oxides. <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 185-189, 1575-1576	1.3	8
109	Simulations of magnetization process in superconducting films. <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 185-189, 1717-1718	1.3	1
108	Dynamics of a magnetic flux in type-II superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 185-189, 1719-1720	1.3	
107	Electronic structure of insulating cuprates: Role of Madelung potential in the charge-transfer gap and superexchange interaction. <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 185-189, 1721-1722	1.3	1
106	Bound state of two holes in the t-J model. <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 185-189, 1723-1724	1.3	2
105	Electronic structure and crystal structure in high Tc oxides. <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 185-189, 168-173	1.3	3
104	Theory of Giant Magnetoresistance in Metallic Superlattices. <i>Journal of the Physical Society of Japan</i> , 1991 , 60, 376-379	1.5	154
103	Effects of Carrier-Doping on Optical Conductivity in HighTcCopper Oxides. <i>Journal of the Physical Society of Japan</i> , 1991 , 60, 53-56	1.5	32
102	Quantum spin-liquid state with a hole. <i>Physical Review B</i> , 1991 , 43, 186-192	3.3	1
101	Computer simulations of dynamics of flux lines in type-II superconductors. <i>Physical Review B</i> , 1991 , 44, 6916-6920	3.3	60
100	STRUCTURAL DEPENDENCE OF THE ELECTRONIC STATES OF HIGH-Tc COPPER OXIDES. <i>Modern Physics Letters B</i> , 1991 , 05, 1315-1332	1.6	2
99	Charge-transfer gap and superexchange interaction in insulating cuprates. <i>Physical Review Letters</i> , 1991 , 66, 1228-1231	7.4	121
98	Apex oxygen and critical temperature in copper oxide superconductors: Universal correlation with the stability of local singlets. <i>Physical Review B</i> , 1991 , 43, 2968-2982	3.3	315

97	Theory of Magnetoresistance in Magnetic Superlattices. <i>Progress of Theoretical Physics Supplement</i> , 1991 , 106, 187-193		35
96	Spin Correlations around Mobile Holes in an Antiferromagnet. <i>Journal of the Physical Society of Japan</i> , 1990 , 59, 3467-3470	1.5	9
95	Transition temperature in copper-oxide superconductors correlated with energy level of apical oxygen. <i>Physica C: Superconductivity and Its Applications</i> , 1990 , 166, 385-387	1.3	51
94	Tc versus \sqrt{A} correlation in Cu-oxide superconductors. <i>Physica B: Condensed Matter</i> , 1990 , 165-166, 983-984	2.8	5
93	Cluster model calculation of physical parameters in copper oxide superconductors. <i>Physica B: Condensed Matter</i> , 1990 , 165-166, 1019-1020	2.8	5
92	Hole and its surrounding spins in a quantum spin-liquid state. <i>Physica B: Condensed Matter</i> , 1990 , 165-166, 1027-1028	2.8	
91	Spin structure around mobile holes in an antiferromagnet. <i>Physica B: Condensed Matter</i> , 1990 , 165-166, 1029-1030	2.8	2
90	Madelung energy and charge transfer in $\text{Pb}_2\text{Sr}_2\text{Y}_{1-x}\text{Ca}_x\text{Cu}_3\text{O}_{8+\delta}$: Possible extra superconducting regions. <i>Physical Review B</i> , 1990 , 41, 6524-6531	3.3	25
89	Electrical resistivity, thermal conductivity, and thermopower in the U=0. <i>Physical Review B</i> , 1990 , 41, 6977-6988	3.3	29
88	Dynamics of Holes in Antiferromagnetic State. <i>Journal of the Physical Society of Japan</i> , 1990 , 59, 2110-2123	2.3	69
87	Physical Parameters in Copper Oxide Superconductors. <i>Journal of the Physical Society of Japan</i> , 1990 , 59, 1760-1770	1.5	68
86	Stability of resonating-valence-bond state in the Hubbard model near half filling. <i>Physical Review B</i> , 1989 , 40, 6611-6616	3.3	5
85	DYNAMICS OF HOLES IN THE Cu-OXIDE SUPERCONDUCTORS. <i>Modern Physics Letters B</i> , 1989 , 03, 1191-1195	1.05	3
84	Density of states of a hole in the half-filled Hubbard model. <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 157, 209-214	1.3	8
83	Cluster analyses of electronic states in electron-doped copper oxide superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 158, 525-530	1.3	17
82	Thermopower and resistivity in strongly correlated electron systems. <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 162-164, 1473-1474	1.3	
81	Motion of Holes in Magnetic Insulators. <i>Springer Series in Materials Science</i> , 1989 , 68-75	0.9	5
80	Electronic Properties in the Cu-Oxide Superconductors. <i>Springer Series in Solid-state Sciences</i> , 1989 , 66-76	1.4	7

79	Electronic States in Oxide Superconductors 1989 , 127-131		
78	Electron correlation and excitation spectra in high-Tc Cu oxides. <i>Physica C: Superconductivity and Its Applications</i> , 1988 , 152, 133-139	1.3	25
77	Transport and thermal properties in RVB states. <i>Physica C: Superconductivity and Its Applications</i> , 1988 , 156, 679-689	1.3	2
76	Asymmetry of Magnetoresistance in Microstructures. <i>Springer Proceedings in Physics</i> , 1988 , 329-332	0.2	2
75	Kondo-like Effect of Atomic Motion on Resistivity in Pb _{1-x} GexTe. <i>Journal of the Physical Society of Japan</i> , 1987 , 56, 697-705	1.5	19
74	Far-Infrared Absorption and Tunneling Conductance of Anisotropic Singlet Superconductors at Finite Temperatures. <i>Japanese Journal of Applied Physics</i> , 1987 , 26, L992-L994	1.4	24
73	Far-Infrared Absorption to Test Anisotropy of Energy Gap in HighTcSuperconducting Oxides. <i>Japanese Journal of Applied Physics</i> , 1987 , 26, L468-L470	1.4	21
72	Effects of Magnetic and Non-Magnetic Impurities on Anisotropic Singlet Superconductors. <i>Japanese Journal of Applied Physics</i> , 1987 , 26, L771-L773	1.4	19
71	Conductance Fluctuation in Small Metallic Wires. <i>Journal of the Physical Society of Japan</i> , 1987 , 56, 25-28	1.5	58
70	Phase Coherence, Nonlocal Conductivity and A-B Effect in Normal Metals. <i>Japanese Journal of Applied Physics</i> , 1987 , 26, 727	1.4	2
69	Gap structure and spin excitation in high-Tc oxides. <i>Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics</i> , 1987 , 148, 388-390		
68	Excitation spectra and bose condensation in superconductors with strong correlation. <i>Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics</i> , 1987 , 148, 391-395		15
67	Effects of Nonlocality on Quantum Transport Phenomena in Microstructures. <i>Japanese Journal of Applied Physics</i> , 1987 , 26, 725	1.4	2
66	GAP STRUCTURE AND SPIN EXCITATION IN HIGH-Tc OXIDES 1987 , 388-390		
65	Superconducting Energy Gap and Pairing Interaction in High Tc Oxides 1987 , 411-419		
64	Thermopower in Ce Kondo Systems. <i>Journal of the Physical Society of Japan</i> , 1986 , 55, 3194-3198	1.5	72
63	Magnetic and transport properties in Ce compounds: Kondo effect and crystal field. <i>Journal of Magnetism and Magnetic Materials</i> , 1986 , 54-57, 355-356	2.8	6
62	Chaudhari et al. respond. <i>Physical Review Letters</i> , 1986 , 57, 1814	7.4	4

61	Comment on "Localization and size effects in single-crystal Au films". <i>Physical Review Letters</i> , 1986 , 57, 1813	7.4	1
60	Quantum transport and surface scattering. <i>Physical Review Letters</i> , 1986 , 57, 2760-2763	7.4	269
59	Aharonov-Bohm effect in thin, normal-metal films containing small voids. <i>Physical Review B</i> , 1986 , 33, 4303-4306	3.3	4
58	Superconducting Transition Temperature of Dirty Thin Wires in Weakly Localized Regime. <i>Journal of the Physical Society of Japan</i> , 1986 , 55, 4408-4416	1.5	13
57	Effect of Crystal Field on Kondo Resistivity in Ce Compounds. <i>Journal of the Physical Society of Japan</i> , 1986 , 55, 1341-1349	1.5	48
56	Theory of Aharonov-Bohm Effect in Small Normal Metals. <i>Journal of the Physical Society of Japan</i> , 1986 , 55, 2523-2526	1.5	27
55	Anderson Localization and Proximity Effect. <i>Journal of the Physical Society of Japan</i> , 1986 , 55, 1814-1817	1.5	16
54	Effects of Strong Spin Fluctuations on the Superconducting Transition Temperature in Weakly Localized Regime. <i>Journal of the Physical Society of Japan</i> , 1985 , 54, 4735-4742	1.5	4
53	Crystal field and Kondo effect in Ce compounds. <i>Journal of Magnetism and Magnetic Materials</i> , 1985 , 52, 149-151	2.8	19
52	Crystal Field in Kondo System. <i>Journal of the Physical Society of Japan</i> , 1985 , 54, 1955-1963	1.5	69
51	Superconducting Transition Temperature of Dirty Thin Films in Weakly Localized Regime. <i>Journal of the Physical Society of Japan</i> , 1985 , 54, 2257-2268	1.5	40
50	Upper critical field in the superconducting Kondo lattice. <i>Physical Review B</i> , 1985 , 31, 228-234	3.3	22
49	Kondo effect on crystal field splitting. <i>Journal of Applied Physics</i> , 1985 , 57, 3169-3171	2.5	18
48	Localization and size effects in single-crystal Au films. <i>Physical Review Letters</i> , 1985 , 55, 430-432	7.4	19
47	Kondo Effect versus Crystal Field. <i>Springer Series in Solid-state Sciences</i> , 1985 , 90-99	0.4	2
46	Theory of Weak Localization and Superconducting Fluctuations. <i>Springer Series in Solid-state Sciences</i> , 1985 , 130-137	0.4	2
45	Theory of Dirty Superconductors in Weakly Localized Regime. <i>Journal of the Physical Society of Japan</i> , 1984 , 53, 2681-2687	1.5	41
44	Superconductivity in the Kondo lattice. <i>Physical Review B</i> , 1984 , 29, 2497-2502	3.3	114

43	Ultrasonic generation by spin wave resonance in evaporated 85% Ni-Fe alloy films. <i>Journal of Magnetism and Magnetic Materials</i> , 1984 , 46, 131-141	2.8	2
42	Bulk Superconductivity in Weakly Localized Regime. <i>Journal of the Physical Society of Japan</i> , 1984 , 53, 3560-3567	1.5	51
41	Localization Effects on Bulk Superconductivity in Weakly Localized Regime. <i>Journal of the Physical Society of Japan</i> , 1984 , 53, 1919-1922	1.5	33
40	Kondo-like Effect of Atomic Motion in Amorphous Superconductors. <i>Journal of the Physical Society of Japan</i> , 1984 , 53, 702-711	1.5	7
39	Pair breaking parameter of two-dimensional dirty superconductors. <i>Solid State Communications</i> , 1983 , 45, 75-78	1.6	56
38	Magnetization in the mixed state of ferromagnetic superconductors. <i>Journal of Magnetism and Magnetic Materials</i> , 1983 , 31-34, 505-506	2.8	1
37	Localization and interaction effects in two-dimensional W-Re films. <i>Physical Review B</i> , 1983 , 28, 6607-6609	3.3	82
36	Upper Critical Field in Two-Dimensional Superconductors. <i>Journal of the Physical Society of Japan</i> , 1983 , 52, 1352-1360	1.5	88
35	Magnetic Properties in the Mixed State of Ferromagnetic Superconductors. <i>Journal of the Physical Society of Japan</i> , 1983 , 52, 1341-1351	1.5	22
34	Mixed States in Ferromagnetic Superconductors. <i>Journal of the Physical Society of Japan</i> , 1983 , 52, 1750-1758	3.3	14
33	Localization Effects in Two-Dimensional Superconductors. <i>Journal of the Physical Society of Japan</i> , 1982 , 51, 1380-1385	1.5	245
32	Anomalous superconducting properties of $\text{SnxEu}_{1.2}\text{Mo}_6\text{S}_8$ at high pressure and high magnetic field. <i>Physical Review B</i> , 1982 , 26, 1442-1445	3.3	8
31	Magnetic field induced superconductivity. <i>Journal of Applied Physics</i> , 1982 , 53, 2622-2624	2.5	3
30	Magnetic-field-induced superconductivity. <i>Physical Review B</i> , 1982 , 25, 1990-1992	3.3	19
29	Electron tunneling between ferromagnetic films. <i>IEEE Transactions on Magnetics</i> , 1982 , 18, 707-708	2	321
28	Fluctuations and Instabilities in Mixed States of Ferromagnetic Superconductors. <i>Journal of the Physical Society of Japan</i> , 1982 , 51, 749-759	1.5	1
27	Localization Versus Superconductivity. <i>Springer Series in Solid-state Sciences</i> , 1982 , 103-112	0.4	8
26	Magnetoresistance in Two-Dimensional Disordered Systems: Effects of Zeeman Splitting and Spin-Orbit Scattering. <i>Journal of the Physical Society of Japan</i> , 1981 , 50, 2516-2524	1.5	283

25	Effects of localization on superconducting transition in two-dimensional disordered systems. <i>Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics</i> , 1981 , 107, 123-124		5
24	Successive phase transitions in superconducting granular films. <i>Solid State Communications</i> , 1981 , 37, 45-47	1.6	22
23	Fuzzy Walls during Bubble Expansion in Bubble Garnet Films. <i>Japanese Journal of Applied Physics</i> , 1980 , 19, 627-637	1.4	8
22	Crystal-field effects in magnetic superconducting $\text{Er}_{1-x}\text{Tm}_x\text{Rh}_4\text{B}_4$ and $\text{Er}_{1-x}\text{Ho}_x\text{Rh}_4\text{B}_4$. <i>Physical Review B</i> , 1980 , 22, 164-167	3.3	20
21	Roles of Crystal Fields in Magnetic Superconducting Rare-Earth Rhodium Borides 1980 , 561-569		5
20	Anomalous temperature dependence of the upper critical fields in magnetic-superconducting $\text{Y}_{1-x}\text{Gd}_x\text{Rh}_4\text{B}_4$. <i>Solid State Communications</i> , 1979 , 32, 929-931	1.6	20
19	Vortex structure in ferromagnetic superconductors. <i>Journal of Magnetism and Magnetic Materials</i> , 1979 , 13, 324-327	2.8	20
18	Transverse Ultrasonic Attenuation in Magnetic Metals 1978 , 59, 23-33		4
17	Ultrasonic attenuation and exchange striction in rare-earth metals. <i>Physical Review B</i> , 1978 , 18, 3736-3738	3.3	5
16	Superconducting phase transitions in rare-earth compounds. <i>Physical Review B</i> , 1978 , 18, 4688-4705	3.3	86
15	Sound Attenuation in Magnetic Metals 1977 , 58, 787-801		6
14	Elliptical distortion and bias compensation in the gradient propagation of bubble domains. <i>Journal of Applied Physics</i> , 1977 , 48, 4672-4677	2.5	2
13	Gradientless propulsion of magnetic bubble domains. <i>Journal of Magnetism and Magnetic Materials</i> , 1976 , 2, 357-360	2.8	3
12	Surface acoustic attenuation due to surface spin wave in ferro- and antiferromagnets. <i>AIP Conference Proceedings</i> , 1976 ,	0	22
11	New ultrasonic attenuation maxima for single crystal dysprosium in a magnetic field. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1976 , 59, 245-246	2.3	4
10	Ultrasonic study of terbium in a magnetic field. <i>Physical Review B</i> , 1976 , 13, 1284-1298	3.3	27
9	Detection of stored momentum in magnetic bubbles by a bias jump effect. <i>Journal of Applied Physics</i> , 1976 , 47, 3321-3328	2.5	19
8	Criterion for the Appearance of Critical Attenuation of Shear Waves in Magnetic Materials. <i>Physical Review Letters</i> , 1975 , 34, 1579-1582	7.4	10

7	Temperature and Frequency Dependences of Line Width of Antiferromagnetic Resonance in Europium Telluride. <i>Journal of the Physical Society of Japan</i> , 1974 , 37, 57-62	1.5	3
6	Effect of Magnetic Field on Sound Propagation near Magnetic Phase Transition Temperatures 1974 , 51, 1-25		62
5	Spin Wave Theory of Antiferromagnetic Resonance in the System of Spins Canted by External Magnetic Fields. <i>Journal of the Physical Society of Japan</i> , 1973 , 34, 1477-1485	1.5	10
4	Paramagnetic Resonance Line Width near the Critical Point in Antiferromagnets with Dipolar Interaction. <i>Journal of the Physical Society of Japan</i> , 1972 , 33, 573-573	1.5	5
3	Periods of Long Period Superlattices in Alloys. <i>Journal of the Physical Society of Japan</i> , 1970 , 28, 375-379	1.5	13
2	Spin Waves in a Spin-Pair System and in a System of Magnetic Ions with Large Anisotropy Energy. <i>Journal of the Physical Society of Japan</i> , 1970 , 29, 656-663	1.5	20
1	Short Range Order of Spins in $\text{Cu}(\text{NO}_3)_2 \cdot 2.5\text{H}_2\text{O}$ under Magnetic Field. <i>Journal of the Physical Society of Japan</i> , 1970 , 29, 663-666	1.5	16