

# Sadamichi Maekawa

## List of Publications by Citations

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672  
papers

28,920  
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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	Observation of the spin Seebeck effect. <i>Nature</i> , <b>2008</b> , 455, 778-81	50.4	1538
671	Transmission of electrical signals by spin-wave interconversion in a magnetic insulator. <i>Nature</i> , <b>2010</b> , 464, 262-6	50.4	1127
670	Spin Seebeck insulator. <i>Nature Materials</i> , <b>2010</b> , 9, 894-7	27	930
669	Room-temperature reversible spin Hall effect. <i>Physical Review Letters</i> , <b>2007</b> , 98, 156601	7.4	791
668	Thermopower in cobalt oxides. <i>Physical Review B</i> , <b>2000</b> , 62, 6869-6872	3.3	643
667	Observation of longitudinal spin-Seebeck effect in magnetic insulators. <i>Applied Physics Letters</i> , <b>2010</b> , 97, 172505	3.4	551
666	Theory of magnon-driven spin Seebeck effect. <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	484
665	Electric manipulation of spin relaxation using the spin Hall effect. <i>Physical Review Letters</i> , <b>2008</b> , 101, 036601	7.4	456
664	Spin injection and detection in magnetic nanostructures. <i>Physical Review B</i> , <b>2003</b> , 67,	3.3	366
663	Theory of tunneling magnetoresistance in granular magnetic films. <i>Physical Review B</i> , <b>1996</b> , 53, R11927-R11929	3.5	366
662	Inverse spin-Hall effect induced by spin pumping in metallic system. <i>Journal of Applied Physics</i> , <b>2011</b> , 109, 103913	2.5	362
661	Giant spin Hall effect in perpendicularly spin-polarized FePt/Au devices. <i>Nature Materials</i> , <b>2008</b> , 7, 125-927		340
660	Electron tunneling between ferromagnetic films. <i>IEEE Transactions on Magnetics</i> , <b>1982</b> , 18, 707-708	2	321
659	Observation of Spin-Charge Separation in One-Dimensional SrCuO <sub>2</sub> . <i>Physical Review Letters</i> , <b>1996</b> , 77, 4054-4057	7.4	317
658	Apex oxygen and critical temperature in copper oxide superconductors: Universal correlation with the stability of local singlets. <i>Physical Review B</i> , <b>1991</b> , 43, 2968-2982	3.3	315
657	Theory of the spin Seebeck effect. <i>Reports on Progress in Physics</i> , <b>2013</b> , 76, 036501	14.4	297
656	Enhanced Magnetoresistance in Insulating Granular Systems: Evidence for Higher-Order Tunneling. <i>Physical Review Letters</i> , <b>1998</b> , 81, 2799-2802	7.4	295

655	Magnetoresistance in Two-Dimensional Disordered Systems: Effects of Zeeman Splitting and Spin-Orbit Scattering. <i>Journal of the Physical Society of Japan</i> , <b>1981</b> , 50, 2516-2524	1.5	283
654	Kondo effect in quantum dots coupled to ferromagnetic leads. <i>Physical Review Letters</i> , <b>2003</b> , 91, 127203-4	7.4	269
653	Quantum transport and surface scattering. <i>Physical Review Letters</i> , <b>1986</b> , 57, 2760-2763	7.4	269
652	Effect of Coulomb Blockade on Magnetoresistance in Ferromagnetic Tunnel Junctions. <i>Physical Review Letters</i> , <b>1998</b> , 80, 1758-1761	7.4	265
651	Electronic states and magnetic properties of edge-sharing Cu-O chains. <i>Physical Review B</i> , <b>1998</b> , 57, 5326-5335	3.3	258
650	Electrically tunable spin injector free from the impedance mismatch problem. <i>Nature Materials</i> , <b>2011</b> , 10, 655-9	27	255
649	Localization Effects in Two-Dimensional Superconductors. <i>Journal of the Physical Society of Japan</i> , <b>1982</b> , 51, 1380-1385	1.5	245
648	Transition between Two Ferromagnetic States Driven by Orbital Ordering in La <sub>0.88</sub> Sr <sub>0.12</sub> MnO <sub>3</sub> . <i>Physical Review Letters</i> , <b>1999</b> , 82, 4328-4331	7.4	241
647	Orbital liquid in three-dimensional mott insulator: LaTiO <sub>3</sub> . <i>Physical Review Letters</i> , <b>2000</b> , 85, 3950-3	7.4	238
646	Current-spin coupling for ferromagnetic domain walls in fine wires. <i>Physical Review Letters</i> , <b>2005</b> , 95, 107204	7.4	223
645	Systematics of the Photoemission Spectral Function of Cuprates: Insulators and Hole- and Electron-Doped Superconductors. <i>Physical Review Letters</i> , <b>1998</b> , 80, 4245-4248	7.4	218
644	Effective Hamiltonian in manganites: Study of the orbital and spin structures. <i>Physical Review B</i> , <b>1997</b> , 55, 8280-8286	3.3	216
643	Linear-response theory of spin Seebeck effect in ferromagnetic insulators. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	215
642	Long-range spin Seebeck effect and acoustic spin pumping. <i>Nature Materials</i> , <b>2011</b> , 10, 737-41	27	199
641	Generalization of Faraday's Law to include nonconservative spin forces. <i>Physical Review Letters</i> , <b>2007</b> , 98, 246601	7.4	199
640	Physics of Transition Metal Oxides. <i>Springer Series in Solid-state Sciences</i> , <b>2004</b> ,	0.4	196
639	Thermoelectric Generation Based on Spin Seebeck Effects. <i>Proceedings of the IEEE</i> , <b>2016</b> , 104, 1946-1973	4.3	187
638	Electronic structure of mott insulators studied by inelastic X-ray scattering. <i>Science</i> , <b>2000</b> , 288, 1811-4	33.3	185

637	Spiral State and Giant Magnetoresistance in Perovskite Mn Oxides. <i>Physical Review Letters</i> , <b>1995</b> , 74, 3407-3410	7.4	182
636	Observation of orbital waves as elementary excitations in a solid. <i>Nature</i> , <b>2001</b> , 410, 180-3	50.4	181
635	Effects of spin and orbital degeneracy on the thermopower of strongly correlated systems. <i>Physical Review Letters</i> , <b>2001</b> , 87, 236603	7.4	170
634	Spin Imbalance and Magnetoresistance in Ferromagnet/Superconductor/Ferromagnet Double Tunnel Junctions. <i>Physical Review Letters</i> , <b>1999</b> , 82, 3911-3914	7.4	161
633	Giant enhancement of spin accumulation and long-distance spin precession in metallic lateral spin valves. <i>Nature Materials</i> , <b>2011</b> , 10, 527-31	27	159
632	Angular dependence of inverse spin Hall effect induced by spin pumping investigated in a Ni <sub>81</sub> Fe <sub>19</sub> /Pt thin film. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	157
631	Theory of Giant Magnetoresistance in Metallic Superlattices. <i>Journal of the Physical Society of Japan</i> , <b>1991</b> , 60, 376-379	1.5	154
630	Distinct spinon and holon dispersions in photoemission spectral functions from one-dimensional SrCuO <sub>2</sub> . <i>Nature Physics</i> , <b>2006</b> , 2, 397-401	16.2	153
629	Effects of the surface boundary on the magnetization process in type-II superconductors. <i>Physical Review B</i> , <b>1993</b> , 47, 8016-8024	3.3	152
628	Enhanced spin accumulation and novel magnetotransport in nanoparticles. <i>Nature Materials</i> , <b>2005</b> , 4, 57-61	27	150
627	Role of next-nearest-neighbor hopping in the t-t'-J model. <i>Physical Review B</i> , <b>1994</b> , 49, 3596-3599	3.3	147
626	Electromotive force and huge magnetoresistance in magnetic tunnel junctions. <i>Nature</i> , <b>2009</b> , 458, 489-930.4	30.4	146
625	Observation of the spin Seebeck effect in epitaxial Fe <sub>3</sub> O <sub>4</sub> thin films. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 072413	3.4	144
624	Gigantic enhancement of spin Seebeck effect by phonon drag. <i>Applied Physics Letters</i> , <b>2010</b> , 97, 252506	3.4	141
623	Li(Zn,Mn)As as a new generation ferromagnet based on a I-II-V semiconductor. <i>Nature Communications</i> , <b>2011</b> , 2, 422	17.4	135
622	Theory of Anomalous X-Ray Scattering in Orbital-Ordered Manganites. <i>Physical Review Letters</i> , <b>1998</b> , 80, 3799-3802	7.4	133
621	Rashba spin-orbit anisotropy and the electric field control of magnetism. <i>Scientific Reports</i> , <b>2014</b> , 4, 41054.9	4.9	129
620	Spin Current in Metals and Superconductors. <i>Journal of the Physical Society of Japan</i> , <b>2008</b> , 77, 031009	1.5	127

619	Angle-resolved photoemission in highTccuprates from theoretical viewpoints. <i>Superconductor Science and Technology</i> , <b>2000</b> , 13, R17-R32	3.1	127
618	Thermal spin pumping and magnon-phonon-mediated spin-Seebeck effect. <i>Journal of Applied Physics</i> , <b>2012</b> , 111, 103903	2.5	126
617	Charge-transfer gap and superexchange interaction in insulating cuprates. <i>Physical Review Letters</i> , <b>1991</b> , 66, 1228-1231	7.4	121
616	Spin current, spin accumulation and spin Hall effect. <i>Science and Technology of Advanced Materials</i> , <b>2008</b> , 9, 014105	7.1	120
615	Universality classes for domain wall motion in the ferromagnetic semiconductor (Ga,Mn)As. <i>Science</i> , <b>2007</b> , 317, 1726-9	33.3	118
614	Origin of the spin Seebeck effect in compensated ferrimagnets. <i>Nature Communications</i> , <b>2016</b> , 7, 10452	17.4	115
613	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> , <b>2013</b> , 88,	3.3	115
612	Superconductivity in the Kondo lattice. <i>Physical Review B</i> , <b>1984</b> , 29, 2497-2502	3.3	114
611	Conductance quantization and magnetoresistance in magnetic point contacts. <i>Physical Review Letters</i> , <b>2000</b> , 84, 1003-6	7.4	112
610	Superconducting pi qubit with a ferromagnetic Josephson junction. <i>Physical Review Letters</i> , <b>2005</b> , 95, 097001	7.4	110
609	Unidirectional spin-wave heat conveyer. <i>Nature Materials</i> , <b>2013</b> , 12, 549-53	27	104
608	Electronic state of a CoO <sub>2</sub> layer with hexagonal structure: a Kagom lattice structure in a triangular lattice. <i>Physical Review Letters</i> , <b>2003</b> , 91, 257003	7.4	104
607	Spin Seebeck effect in antiferromagnets and compensated ferrimagnets. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	97
606	Tunneling electroresistance in ferroelectric tunnel junctions with a composite barrier. <i>Applied Physics Letters</i> , <b>2009</b> , 95, 052902	3.4	96
605	Parallel and perpendicular transport in multilayered structures. <i>Physical Review B</i> , <b>1993</b> , 48, 6192-6198	3.3	94
604	Separation of spin and charge excitations in one-dimensional SrCuO <sub>2</sub> . <i>Physical Review B</i> , <b>1997</b> , 56, 15589-15593	3.3	89
603	Momentum Dependence of Resonant Inelastic X-Ray Scattering Spectrum in Insulating Cuprates. <i>Physical Review Letters</i> , <b>1999</b> , 83, 3705-3708	7.4	88
602	Upper Critical Field in Two-Dimensional Superconductors. <i>Journal of the Physical Society of Japan</i> , <b>1983</b> , 52, 1352-1360	1.5	88

601	Effects of mechanical rotation on spin currents. <i>Physical Review Letters</i> , <b>2011</b> , 106, 076601	7.4	86
600	Superconducting phase transitions in rare-earth compounds. <i>Physical Review B</i> , <b>1978</b> , 18, 4688-4705	3.3	86
599	Gate-controlled spin splitting in quantum dots with ferromagnetic leads in the Kondo regime. <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	84
598	Nonlinear optical response and spin-charge separation in one-dimensional Mott insulators. <i>Physical Review B</i> , <b>2000</b> , 62, R4769-R4773	3.3	84
597	Electronic structure and effective Hamiltonian in perovskite Mn oxides. <i>Physica C: Superconductivity and Its Applications</i> , <b>1996</b> , 263, 130-133	1.3	84
596	Anisotropic two-dimensional electron gas at the LaAlO <sub>3</sub> /SrTiO <sub>3</sub> (110) interface. <i>Nature Communications</i> , <b>2013</b> , 4, 1838	17.4	82
595	Extremely long quasiparticle spin lifetimes in superconducting aluminium using MgO tunnel spin injectors. <i>Nature Materials</i> , <b>2010</b> , 9, 586-93	27	82
594	Localization and interaction effects in two-dimensional W-Re films. <i>Physical Review B</i> , <b>1983</b> , 28, 6607-6609	3.3	82
593	Enhanced tunnel magnetoresistance in granular nanobridges. <i>Applied Physics Letters</i> , <b>2001</b> , 78, 515-517	3.4	81
592	Anomalous temperature dependence of current-induced torques in CoFeB/MgO heterostructures with Ta-based underlayers. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	80
591	Electronic structure and transport properties in magnetic superlattices. <i>Physical Review B</i> , <b>1993</b> , 47, 5809-5818	3.3	79
590	Spin Current Generation Using a Surface Acoustic Wave Generated via Spin-Rotation Coupling. <i>Physical Review Letters</i> , <b>2017</b> , 119, 077202	7.4	78
589	Mechanical generation of spin current by spin-rotation coupling. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	78
588	Spin hydrodynamic generation. <i>Nature Physics</i> , <b>2016</b> , 12, 52-56	16.2	77
587	Spin Current: Experimental and Theoretical Aspects. <i>Journal of the Physical Society of Japan</i> , <b>2013</b> , 82, 102002	1.5	76
586	Effect of spin-dependent screening on tunneling electroresistance and tunneling magnetoresistance in multiferroic tunnel junctions. <i>Physical Review B</i> , <b>2010</b> , 81,	3.3	76
585	Quantum materials for spin and charge conversion. <i>Npj Quantum Materials</i> , <b>2018</b> , 3,	5	75
584	Spin-dependent Coulomb blockade in ferromagnet/normal-metal/ferromagnet double tunnel junctions. <i>Physical Review B</i> , <b>1999</b> , 59, 6017-6020	3.3	74

583	One-dimensional spinon spin currents. <i>Nature Physics</i> , <b>2017</b> , 13, 30-34	16.2	72
582	Unusually small electrical resistance of three-dimensional nanoporous gold in external magnetic fields. <i>Physical Review Letters</i> , <b>2008</b> , 101, 166601	7.4	72
581	Hall effect induced by a spin-polarized current in superconductors. <i>Physical Review Letters</i> , <b>2002</b> , 88, 116601	7.4	72
580	Thermopower in Ce Kondo Systems. <i>Journal of the Physical Society of Japan</i> , <b>1986</b> , 55, 3194-3198	1.5	72
579	Spin-Seebeck effects in films. <i>Solid State Communications</i> , <b>2010</b> , 150, 524-528	1.6	71
578	Electric detection of spin wave resonance using inverse spin-Hall effect. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 262505	3.4	70
577	Transport Properties in Magnetic Superlattices. <i>Journal of the Physical Society of Japan</i> , <b>1992</b> , 61, 1149-1152	1.5	69
576	Dynamics of Holes in Antiferromagnetic State. <i>Journal of the Physical Society of Japan</i> , <b>1990</b> , 59, 2110-2123	1.5	69
575	Crystal Field in Kondo System. <i>Journal of the Physical Society of Japan</i> , <b>1985</b> , 54, 1955-1963	1.5	69
574	Enhanced spin Hall effect by resonant skew scattering in the orbital-dependent Kondo effect. <i>Physical Review Letters</i> , <b>2009</b> , 102, 036401	7.4	68
573	Physical Parameters in Copper Oxide Superconductors. <i>Journal of the Physical Society of Japan</i> , <b>1990</b> , 59, 1760-1770	1.5	68
572	Enhanced dc spin pumping into a fluctuating ferromagnet near TC. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	67
571	Surface-assisted spin Hall effect in Au films with Pt impurities. <i>Physical Review Letters</i> , <b>2010</b> , 105, 216401	7.4	67
570	Orbital ordering in LaMnO <sub>3</sub> : Electron-electron and electron-lattice interactions. <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	67
569	Spatially homogeneous ferromagnetism of (Ga, Mn)As. <i>Nature Materials</i> , <b>2010</b> , 9, 299-303	27	65
568	Nonequilibrium Kondo effect in a quantum dot coupled to ferromagnetic leads. <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	65
567	Momentum dependence of charge excitations in the electron-doped superconductor Nd <sub>1.85</sub> Ce <sub>0.15</sub> O <sub>4</sub> : a resonant inelastic x-ray scattering study. <i>Physical Review Letters</i> , <b>2005</b> , 94, 207003	7.4	65
566	Spin and charge dynamics of the t-J model. <i>Physical Review Letters</i> , <b>1995</b> , 74, 980-983	7.4	65

565	Orbital degree of freedom and phase separation in ferromagnetic manganites at finite temperatures. <i>Physical Review B</i> , <b>2000</b> , 61, 451-458	3-3	64
564	Effect of Stripes on Electronic States in Underdoped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ . <i>Physical Review Letters</i> , <b>1999</b> , 82, 4910-4913	7-4	64
563	Bogoliubov quasiparticle excitations in the two-dimensional t-J model. <i>Physical Review Letters</i> , <b>1994</b> , 73, 324-327	7-4	64
562	Quasiparticle-mediated spin Hall effect in a superconductor. <i>Nature Materials</i> , <b>2015</b> , 14, 675-8	27	63
561	Diluted ferromagnetic semiconductor $\text{Li}(\text{Zn},\text{Mn})\text{P}$ with decoupled charge and spin doping. <i>Physical Review B</i> , <b>2013</b> , 88,	3-3	63
560	Evolution of the in-gap state in high- $T_c$ cuprates. <i>Physical Review B</i> , <b>1992</b> , 46, 14022-14033	3-3	63
559	Unconventional scaling and significant enhancement of the spin Seebeck effect in multilayers. <i>Physical Review B</i> , <b>2015</b> , 92,	3-3	62
558	Effect of Magnetic Field on Sound Propagation near Magnetic Phase Transition Temperatures <b>1974</b> , 51, 1-25		62
557	Tunnel-MR and spin electronics in metal/nonmetal granular systems. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1999</b> , 198-199, 179-184	2-8	60
556	Computer simulations of dynamics of flux lines in type-II superconductors. <i>Physical Review B</i> , <b>1991</b> , 44, 6916-6920	3-3	60
555	Kondo quantum dot coupled to ferromagnetic leads: Numerical renormalization group study. <i>Physical Review B</i> , <b>2007</b> , 76,	3-3	59
554	Orbital excitations in $\text{LaMnO}_3$ studied by resonant inelastic x-ray scattering. <i>Physical Review B</i> , <b>2003</b> , 67,	3-3	58
553	Conductance Fluctuation in Small Metallic Wires. <i>Journal of the Physical Society of Japan</i> , <b>1987</b> , 56, 25-28	1.5	58
552	Andreev reflection in ferromagnet/superconductor/ferromagnet double junction systems. <i>Physical Review B</i> , <b>2003</b> , 67,	3-3	57
551	Pair breaking parameter of two-dimensional dirty superconductors. <i>Solid State Communications</i> , <b>1983</b> , 45, 75-78	1-6	56
550	Large third-order optical nonlinearity of Cu-O chains investigated by third-harmonic generation spectroscopy. <i>Physical Review Letters</i> , <b>2001</b> , 87, 177401	7-4	55
549	Electronic and magnetic structures of cuprates with spin-orbit interaction. <i>Physical Review B</i> , <b>1993</b> , 47, 3391-3400	3-3	55
548	Magnetic memory and current amplification devices using moving domain walls. <i>Applied Physics Letters</i> , <b>2006</b> , 89, 122507	3-4	54



547	Polarization dependence of anomalous x-ray scattering in orbital-ordered manganites. <i>Physical Review B</i> , <b>1998</b> , 58, 13442-13451	3-3	54
546	Interplay of Spin and Orbital Orderings in Perovskite Manganites. <i>Journal of the Physical Society of Japan</i> , <b>1997</b> , 66, 957-960	1-5	52
545	Crossed Andreev reflection in structures consisting of a superconductor with ferromagnetic leads. <i>Physical Review B</i> , <b>2003</b> , 68,	3-3	52
544	Spin-dependent inertial force and spin current in accelerating systems. <i>Physical Review B</i> , <b>2011</b> , 84,	3-3	51
543	Mott gap excitations and resonant inelastic x-ray scattering in doped cuprates. <i>Physical Review Letters</i> , <b>2003</b> , 91, 117001	7-4	51
542	Electronic states in the antiferromagnetic phase of electron-doped high-Tc cuprates. <i>Physical Review B</i> , <b>2001</b> , 64,	3-3	51
541	Transition temperature in copper-oxide superconductors correlated with energy level of apical oxygen. <i>Physica C: Superconductivity and Its Applications</i> , <b>1990</b> , 166, 385-387	1-3	51
540	Bulk Superconductivity in Weakly Localized Regime. <i>Journal of the Physical Society of Japan</i> , <b>1984</b> , 53, 3560-3567	1-5	51
539	Numerical study on the spin Seebeck effect. <i>Physical Review B</i> , <b>2011</b> , 83,	3-3	50
538	Possible d0 ferromagnetism in MgO doped with nitrogen. <i>Physical Review B</i> , <b>2009</b> , 79,	3-3	50
537	Electronic States of Doped Spin Ladders (Sr,Ca) <sub>14</sub> Cu <sub>24</sub> O <sub>41</sub> . <i>Journal of the Physical Society of Japan</i> , <b>1997</b> , 66, 937-940	1-5	50
536	Stripe stability in the extended tJ model on planes and four-leg ladders. <i>Physical Review B</i> , <b>1999</b> , 59, R11649-R11652	3-3	49
535	Giant dielectric and magnetoelectric responses in insulating nanogranular films at room temperature. <i>Nature Communications</i> , <b>2014</b> , 5, 4417	17-4	48
534	Low energy electronic states and triplet pairing in layered cobaltate. <i>Physical Review Letters</i> , <b>2004</b> , 93, 176401	7-4	48
533	Spin transport and relaxation in superconductors. <i>Physical Review B</i> , <b>2002</b> , 65,	3-3	48
532	Spin dynamical properties and orbital states of the layered perovskite La <sub>2</sub> $\bar{x}$ Sr <sub>1+2x</sub> Mn <sub>2</sub> O <sub>7</sub> (0.3. <i>Physical Review B</i> , <b>2002</b> , 65,	3-3	48
531	Effect of Crystal Field on Kondo Resistivity in Ce Compounds. <i>Journal of the Physical Society of Japan</i> , <b>1986</b> , 55, 1341-1349	1-5	48
530	Anomalous spin and charge dynamics of the t-J model at low doping. <i>Physical Review Letters</i> , <b>1995</b> , 74, 5124-5127	7-4	47

529	Flux State in the Double-Exchange Model. <i>Physical Review Letters</i> , <b>1998</b> , 81, 5604-5607	7.4	46
528	Giant magnetoresistance in magnetic granular alloys. <i>Physical Review B</i> , <b>1994</b> , 49, 12831-12834	3.3	46
527	Spin current through a normal-metal/insulating-ferromagnet junction. <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 200, 062030	0.3	45
526	Charge and spin in low-dimensional cuprates. <i>Reports on Progress in Physics</i> , <b>2001</b> , 64, 383-428	14.4	45
525	Effects of Randomness on Tunnel Conductance and Magnetoresistance in Ferromagnetic Tunnel Junctions. <i>Journal of the Physical Society of Japan</i> , <b>1999</b> , 68, 1632-1639	1.5	45
524	Antiferromagnetic ordering of S=12 triangles in La <sub>4</sub> Cu <sub>3</sub> MoO <sub>12</sub> . <i>Physical Review B</i> , <b>2000</b> , 62, R3588-R3593	3.3	44
523	Theory of giant magnetoresistance for parallel and perpendicular currents in magnetic multilayers. <i>Physical Review B</i> , <b>1995</b> , 51, 342-352	3.3	44
522	Magnetic correlations in the Hubbard model on triangular and Kagomé lattices. <i>Physical Review Letters</i> , <b>2005</b> , 95, 037001	7.4	43
521	Theory of Dzyaloshinski-Moriya antiferromagnetism in distorted CuO <sub>2</sub> and NiO <sub>2</sub> planes. <i>Physical Review B</i> , <b>1994</b> , 50, 3767-3778	3.3	43
520	Coulomb staircase in STM current through granular films. <i>Physical Review B</i> , <b>2000</b> , 61, 46-49	3.3	42
519	One-particle excitation spectra, optical conductivity and O 1s x-ray absorption spectra in high-T <sub>c</sub> cuprates: a cluster model approach. <i>Physica C: Superconductivity and Its Applications</i> , <b>1992</b> , 191, 193-198	1.3	42
518	Spin current as a probe of quantum materials. <i>Nature Materials</i> , <b>2020</b> , 19, 139-152	27	42
517	Generation of spin currents by surface plasmon resonance. <i>Nature Communications</i> , <b>2015</b> , 6, 5910	17.4	41
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