

Hidenori Takagi

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696
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726
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6.95
L-index

#	Paper	IF	Citations
696	A superconducting copper oxide compound with electrons as the charge carriers. <i>Nature</i> , 1989 , 337, 345-347	50.4	1610
695	Universal correlations between Tc and ns/m (carrier density over effective mass) in high-Tc cuprate superconductors. <i>Physical Review Letters</i> , 1989 , 62, 2317-2320	7.4	1033
694	Optical spectra of La _{2-x} Sr _x CuO ₄ : Effect of carrier doping on the electronic structure of the CuO ₂ plane. <i>Physical Review B</i> , 1991 , 43, 7942-7954	3.3	869
693	Phase-sensitive observation of a spin-orbital Mott state in Sr ₂ IrO ₄ . <i>Science</i> , 2009 , 323, 1329-32	33.3	855
692	Superconductivity produced by electron doping in CuO ₂ -layered compounds. <i>Physical Review Letters</i> , 1989 , 62, 1197-1200	7.4	841
691	Superconductivity in the quaternary intermetallic compounds LnNi ₂ B ₂ C. <i>Nature</i> , 1994 , 367, 252-253	50.4	820
690	Superconductor-to-nonsuperconductor transition in (La _{1-x} Sr _x) ₂ CuO ₄ as investigated by transport and magnetic measurements. <i>Physical Review B</i> , 1989 , 40, 2254-2261	3.3	677
689	Light-induced superconductivity in a stripe-ordered cuprate. <i>Science</i> , 2011 , 331, 189-91	33.3	674
688	A 'checkerboard' electronic crystal state in lightly hole-doped Ca _{2-x} Na _x CuO ₂ Cl ₂ . <i>Nature</i> , 2004 , 430, 1001-5	35.4	575
687	Ferromagnetic Order Induced by Photogenerated Carriers in Magnetic III-V Semiconductor Heterostructures of (In,Mn)As/GaSb. <i>Physical Review Letters</i> , 1997 , 78, 4617-4620	7.4	544
686	Superconductivity at 23 K in yttrium palladium boride carbide. <i>Nature</i> , 1994 , 367, 146-148	50.4	542
685	An intrinsic bond-centered electronic glass with unidirectional domains in underdoped cuprates. <i>Science</i> , 2007 , 315, 1380-5	33.3	513
684	Giant negative thermal expansion in Ge-doped anti-perovskite manganese nitrides. <i>Applied Physics Letters</i> , 2005 , 87, 261902	3.4	478
683	Systematic evolution of temperature-dependent resistivity in La _{2-x} Sr _x CuO ₄ . <i>Physical Review Letters</i> , 1992 , 69, 2975-2978	7.4	464
682	High Tc Superconductivity of La-Ba-Co Oxides. <i>Japanese Journal of Applied Physics</i> , 1987 , 26, L1-L2	1.4	450
681	Antiferromagnetic order induced by an applied magnetic field in a high-temperature superconductor. <i>Nature</i> , 2002 , 415, 299-302	50.4	448
680	Unconventional s-wave superconductivity in Fe(Se,Te). <i>Science</i> , 2010 , 328, 474-6	33.3	413

679	Competition between magnetism and superconductivity in rare-earth nickel boride carbides. <i>Physical Review B</i> , 1994 , 50, 647-650	3-3	391
678	Spin-liquid state in the $S=1/2$ hyperkagome antiferromagnet $\text{Na}_4\text{Ir}_3\text{O}_8$. <i>Physical Review Letters</i> , 2007 , 99, 137207	7-4	385
677	Dielectric and magnetic anomalies and spin frustration in hexagonal RMnO_3 ($R=\text{Y}$, Yb , and Lu). <i>Physical Review B</i> , 2001 , 64,	3-3	378
676	Scaling of the temperature dependent Hall effect in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>Physical Review Letters</i> , 1994 , 72, 2636-2639	7-4	343
675	High- T_c Superconductivity of La-Ba-Cu Oxides. II. -Specification of the Superconducting Phase. <i>Japanese Journal of Applied Physics</i> , 1987 , 26, L123-L124	1-4	328
674	Coupling between magnetism and dielectric properties in quantum paraelectric EuTiO_3 . <i>Physical Review B</i> , 2001 , 64,	3-3	319
673	Nodal quasiparticles and antinodal charge ordering in $\text{Ca}_{2-x}\text{Na}_x\text{CuO}_2\text{Cl}_2$. <i>Science</i> , 2005 , 307, 901-4	33-3	294
672	Spins in the vortices of a high-temperature superconductor. <i>Science</i> , 2001 , 291, 1759-62	33-3	293
671	Fermi surface sheet-dependent superconductivity in 2H-NbSe_2 . <i>Science</i> , 2001 , 294, 2518-20	33-3	278
670	Rice-based mucosal vaccine as a global strategy for cold-chain- and needle-free vaccination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 10986-91	11-5	276
669	Anomalous criticality in the electrical resistivity of $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>Science</i> , 2009 , 323, 603-7	33-3	255
668	An unusual isotope effect in a high-transition-temperature superconductor. <i>Nature</i> , 2004 , 430, 187-90	50-4	249
667	Hyperhoneycomb Iridate Li_2IrO_3 as a platform for Kitaev magnetism. <i>Physical Review Letters</i> , 2015 , 114, 077202	7-4	240
666	Interplane charge transport in $\text{YBa}_2\text{Cu}_3\text{O}_{7-y}$: Spin-gap effect on in-plane and out-of-plane resistivity. <i>Physical Review B</i> , 1994 , 50, 6534-6537	3-3	239
665	Crystal structure and magnetic properties of hexagonal RMnO_3 ($R=\text{Y}$, Lu , and Sc) and the effect of doping. <i>Physical Review B</i> , 2002 , 66,	3-3	234
664	Cu-O network dependence of optical charge-transfer gaps and spin-pair excitations in single- CuO_2 -layer compounds. <i>Physical Review B</i> , 1990 , 41, 11657-11660	3-3	234
663	Momentum-resolved Landau-level spectroscopy of Dirac surface state in Bi_2Se_3 . <i>Physical Review B</i> , 2010 , 82,	3-3	229
662	An emergent change of phase for electronics. <i>Science</i> , 2010 , 327, 1601-2	33-3	223

661	Missing quasiparticles and the chemical potential puzzle in the doping evolution of the cuprate superconductors. <i>Physical Review Letters</i> , 2004 , 93, 267002	7.4	220
660	Normal-state conductivity between CuO ₂ planes in copper oxide superconductors. <i>Nature</i> , 1991 , 350, 596-598	50.4	220
659	Normal state phase diagram of (La,Sr) ₂ CuO ₄ from charge and spin dynamics. <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 235-240, 130-133	1.3	219
658	Spin-1/2 Kagom \ddot{u} Like Lattice in Volborthite Cu ₃ V ₂ O ₇ (OH) ₂ ·2H ₂ O. <i>Journal of the Physical Society of Japan</i> , 2001 , 70, 3377-3384	1.5	216
657	Universality of the Mott- \ddot{u} ffel- \ddot{u} egel limit in metals. <i>Philosophical Magazine</i> , 2004 , 84, 2847-2864	1.6	214
656	Nonpolar resistance switching of metal/binary-transition-metal oxides/metal sandwiches: Homogeneous/inhomogeneous transition of current distribution. <i>Physical Review B</i> , 2008 , 77,	3.3	213
655	Direct observation of spin-polarized bulk bands in an inversion-symmetric semiconductor. <i>Nature Physics</i> , 2014 , 10, 835-839	16.2	209
654	Dynamical aspects of the photoinduced phase transition in spin-crossover complexes. <i>Physical Review Letters</i> , 2000 , 84, 3181-4	7.4	202
653	Disappearance of superconductivity in overdoped La _{2-x} Sr _x CuO ₄ at a structural phase boundary. <i>Physical Review Letters</i> , 1992 , 68, 3777-3780	7.4	202
652	Optical study of the metal-semiconductor transition in BaPb _{1-x} Bi _x O ₃ . <i>Physical Review B</i> , 1985 , 32, 6302-6311	5.3	190
651	LiV ₂ O ₄ spinel as a heavy-mass fermi liquid: anomalous transport and role of geometrical frustration. <i>Physical Review Letters</i> , 2000 , 85, 1052-5	7.4	187
650	Thermal conductivity across the phase diagram of cuprates: Low-energy quasiparticles and doping dependence of the superconducting gap. <i>Physical Review B</i> , 2003 , 67,	3.3	185
649	Switching of the gapped singlet spin-liquid state to an antiferromagnetically ordered state in Sr(Cu _{1-x} Zn _x) ₂ O ₃ . <i>Physical Review B</i> , 1997 , 55, R8658-R8661	3.3	179
648	Concept and realization of Kitaev quantum spin liquids. <i>Nature Reviews Physics</i> , 2019 , 1, 264-280	23.6	178
647	Direct phase-sensitive identification of a d-form factor density wave in underdoped cuprates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E3026-32	11.5	176
646	A rice-based edible vaccine expressing multiple T cell epitopes induces oral tolerance for inhibition of Th ₂ -mediated IgE responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 17525-30	11.5	174
645	Magnetic order and electronic phase diagrams of electron-doped copper oxide materials. <i>Physical Review B</i> , 1990 , 42, 7981-7988	3.3	174
644	Thermally induced insulator-metal transition in LaCoO ₃ : A view based on the Mott transition. <i>Physical Review B</i> , 1998 , 58, R1699-R1702	3.3	166

643	A spin-orbital-entangled quantum liquid on a honeycomb lattice. <i>Nature</i> , 2018 , 554, 341-345	50.4	164
642	Negative thermal expansion in Ge-free antiperovskite manganese nitrides: Tin-doping effect. <i>Applied Physics Letters</i> , 2008 , 92, 011927	3.4	164
641	Universal high energy anomaly in the angle-resolved photoemission spectra of high temperature superconductors: possible evidence of spinon and holon branches. <i>Physical Review Letters</i> , 2007 , 98, 067004	7.4	163
640	Magnetic-field induced transition to the 1/2 magnetization plateau state in the geometrically frustrated magnet CdCr ₂ O ₄ . <i>Physical Review Letters</i> , 2005 , 94, 047202	7.4	162
639	Excitonic insulator state in Ta ₂ NiSe ₅ probed by photoemission spectroscopy. <i>Physical Review Letters</i> , 2009 , 103, 026402	7.4	161
638	Gap function with point nodes in borocarbide superconductor YNi ₂ B ₂ C. <i>Physical Review Letters</i> , 2002 , 89, 137006	7.4	160
637	Texture in the superconducting order parameter of CeCoIn ₅ revealed by nuclear magnetic resonance. <i>Physical Review Letters</i> , 2005 , 94, 047602	7.4	158
636	Anomalous absence of pressure effect on transition temperature in the electron-doped superconductor Nd _{1.85} Ce _{0.15} CuO ₄ . <i>Nature</i> , 1989 , 339, 293-294	50.4	154
635	Electric-field-induced superconductivity at 9.4 K in a layered transition metal disulphide MoS ₂ . <i>Applied Physics Letters</i> , 2012 , 101, 042603	3.4	151
634	Structural Aspects of the Crystallographic-Magnetic Transition in LaVO ₃ around 140 K. <i>Journal of Solid State Chemistry</i> , 1993 , 106, 253-270	3.3	151
633	Local lattice distortion in the giant negative thermal expansion material Mn ₃ Cu _{1-x} GexN. <i>Physical Review Letters</i> , 2008 , 101, 205901	7.4	148
632	Charge-order-maximized momentum-dependent superconductivity. <i>Nature Physics</i> , 2007 , 3, 720-725	16.2	144
631	Fermi-surface reconstruction by stripe order in cuprate superconductors. <i>Nature Communications</i> , 2011 , 2, 432	17.4	138
630	Quasiparticle interference and superconducting gap in Ca _{2-x} NaxCuO ₂ Cl ₂ . <i>Nature Physics</i> , 2007 , 3, 865-871	16.2	138
629	Neutron diffraction evidence of microscopic charge inhomogeneities in the CuO ₂ plane of superconducting La _{2-x} SrxCuO ₄ (0. <i>Physical Review Letters</i> , 2000 , 84, 5856-9	7.4	138
628	Electronic states of BaPb _{1-x} BixO ₃ in the semiconducting phase investigated by optical measurements. <i>Physical Review B</i> , 1987 , 35, 696-703	3.3	138
627	Dispersive excitations in the high-temperature superconductor La _{2-x} SrxCuO ₄ . <i>Physical Review Letters</i> , 2004 , 93, 147002	7.4	137
626	Transport and optical studies of single crystals of the 80-K Bi ₂ Br ₂ CaCuO superconductor. <i>Nature</i> , 1988 , 332, 236-238	50.4	135

625	Resistance Switching and Formation of a Conductive Bridge in Metal/Binary Oxide/Metal Structure for Memory Devices. <i>Japanese Journal of Applied Physics</i> , 2008 , 47, 6266-6271	1.4	134
624	Two-dimensional Heisenberg behavior of $J(\text{eff})=1/2$ isospins in the paramagnetic state of the spin-orbital Mott insulator Sr_2IrO_4 . <i>Physical Review Letters</i> , 2012 , 108, 247212	7.4	133
623	Zero thermal expansion in a pure-form antiperovskite manganese nitride. <i>Applied Physics Letters</i> , 2009 , 94, 131904	3.4	133
622	Statics and dynamics of incommensurate spin order in a geometrically frustrated antiferromagnet CdCr_2O_4 . <i>Physical Review Letters</i> , 2005 , 95, 247204	7.4	131
621	Optical study of the metal-insulator transition on $\text{Ba}_{1-x}\text{K}_x\text{BiO}_3$ thin films. <i>Nature</i> , 1989 , 338, 241-243	50.4	130
620	Magnetoresistance in Metallic Crystals of $\text{La}_{1-x}\text{Sr}_x\text{CoO}_3$. <i>Journal of the Physical Society of Japan</i> , 1995 , 64, 1885-1888	1.5	128
619	Optical-phonon study of single crystals of various layered cuprates and related materials: Evidence of unique electron-phonon coupling in the CuO_2 plane. <i>Physical Review B</i> , 1991 , 43, 10496-10507	3.3	128
618	Contrasting action of IL-12 and IL-18 in the development of dextran sodium sulphate colitis in mice. <i>Scandinavian Journal of Gastroenterology</i> , 2003 , 38, 837-44	2.4	126
617	Electronic ground state of heavily overdoped nonsuperconducting $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. <i>Physical Review B</i> , 2003 , 68,	3.3	123
616	$\text{LaCuO}_{2.5+x}$ and $\text{YCuO}_{2.5+x}$ Delafossites: Materials with Triangular Cu^{2+} Planes. <i>Journal of Solid State Chemistry</i> , 1993 , 104, 437-452	3.3	121
615	Engineering a Spin-Orbital Magnetic Insulator by Tailoring Superlattices. <i>Physical Review Letters</i> , 2015 , 114, 247209	7.4	120
614	Frustrated Magnetism and Cooperative Phase Transitions in Spinels. <i>Journal of the Physical Society of Japan</i> , 2010 , 79, 011004	1.5	119
613	Enhancement of the Nernst effect by stripe order in a high- T_c superconductor. <i>Nature</i> , 2009 , 458, 743-5	50.4	117
612	Localized-to-itinerant electron transition in $\text{Sr}_2\text{Ir}_{1-x}\text{Ru}_x\text{O}_4$. <i>Physical Review B</i> , 1994 , 49, 11890-11894	3.3	115
611	High-energy spin excitations in the insulating phases of high- T_c superconducting cuprates and La_2NiO_4 . <i>Physical Review B</i> , 1990 , 42, 1045-1047	3.3	115
610	Nernst and Seebeck coefficients of the cuprate superconductor $\text{YBa}_2\text{Cu}_3\text{O}_{6.67}$: a study of Fermi surface reconstruction. <i>Physical Review Letters</i> , 2010 , 104, 057005	7.4	114
609	Zero-gap semiconductor to excitonic insulator transition in TaNiSe . <i>Nature Communications</i> , 2017 , 8, 14408	17.4	113
608	In-plane and out-of-plane magnetoresistance in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ single crystals. <i>Physical Review B</i> , 1996 , 53, 8733-8742	3.3	113

607	Studies of static magnetic order in electron-superconductors and their parent compounds. <i>Nature</i> , 1989 , 338, 49-51	50.4	112
606	Neutron and electron diffraction study of the electron-doped superconductor Nd _{1.845} Ce _{0.155} CuO ₄ . <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 158, 433-439	1.3	111
605	Electronic structure of a quasi-freestanding MoS ₂ monolayer. <i>Nano Letters</i> , 2014 , 14, 1312-6	11.5	110
604	Superconductivity in lanthanum nickel boro-nitride. <i>Nature</i> , 1994 , 372, 245-247	50.4	110
603	Fulde-Ferrell-Larkin-Ovchinnikov state in a perpendicular field of quasi-two-dimensional CeCoIn ₅ . <i>Physical Review Letters</i> , 2006 , 97, 227002	7.4	109
602	Muon spin relaxation study of the stripe phase order in La _{1.6} Nd _{0.4} Sr _x CuO ₄ and related 214 cuprates. <i>Physical Review B</i> , 1998 , 58, 8760-8772	3.3	109
601	Rechargeable magnesium-ion battery based on a TiSe ₂ -cathode with d-p orbital hybridized electronic structure. <i>Scientific Reports</i> , 2015 , 5, 12486	4.9	108
600	Y ₂ BaNiO ₅ : A nearly ideal realization of the S=1 Heisenberg chain with antiferromagnetic interactions. <i>Physical Review B</i> , 1996 , 54, R6827-R6830	3.3	108
599	Quasiparticle Density of States of Clean and Dirty s-Wave Superconductors in the Vortex State. <i>Journal of the Physical Society of Japan</i> , 1999 , 68, 1078-1081	1.5	105
598	Magnetic Field Dependence of the Low-Temperature Specific Heat of the Borocarbide Superconductor LuNi ₂ B ₂ C. <i>Journal of the Physical Society of Japan</i> , 1997 , 66, 1888-1891	1.5	104
597	New High Temperature Superconducting Oxides. (La _{1-x} Sr _x) ₂ CuO ₄ and (La _{1-x} Cax) ₂ CuO ₄ . <i>Chemistry Letters</i> , 1987 , 16, 429-432	1.7	104
596	Spin gap and magnetic coherence in a clean high-temperature superconductor. <i>Nature</i> , 1999 , 400, 43-46	50.4	103
595	Magnetovolume effect in Mn ₃ Cu _{1-x} GexN related to the magnetic structure: Neutron powder diffraction measurements. <i>Physical Review B</i> , 2008 , 77,	3.3	101
594	Electronic structure studies on the n-type doped superconductors R _{2-x} MxCuO _{4-δ} (R=Pr,Nd,Sm; M=Ce,Th) and Nd ₂ CuO _{4-x} F _x by electron-energy-loss spectroscopy. <i>Physical Review B</i> , 1991 , 43, 333-343	3.3	101
593	New double-sheet copper oxide compounds with BiO or TiO bilayers. <i>Nature</i> , 1989 , 342, 890-893	50.4	101
592	Charge-stripe ordering from local octahedral tilts: Underdoped and superconducting La _{2-x} Sr _x CuO ₄ . <i>Physical Review B</i> , 1999 , 59, 4445-4454	3.3	100
591	Coherence factors in a high- <i>t_c</i> cuprate probed by quasi-particle scattering off vortices. <i>Science</i> , 2009 , 323, 923-6	33.3	98
590	Scanning tunneling microscopy/spectroscopy of vortices in LiFeAs. <i>Physical Review B</i> , 2012 , 85,	3.3	97

- 589 Doping dependence of transport properties in Fe_{1-x}CoxSi. *Physical Review B*, **2005**, 72, 3-3 97
- 588 Electron density of states in the borocarbide intermetallic superconductors. *Physical Review B*, **1994**, 50, 4216-4219 3-3 97
- 587 Excitonic Bose-Einstein condensation in Ta₂NiSe₅ above room temperature. *Physical Review B*, **2014**, 90, 3-3 96
- 586 Muon-spin-rotation study of magnetism in La_{1.85}Sr_{0.15}CuO₄ and YBa₂Cu₃O_x below 90 mK. *Physical Review Letters*, **1989**, 63, 2136-2139 7-4 96
- 585 Oral immunotherapy against a pollen allergy using a seed-based peptide vaccine. *Plant Biotechnology Journal*, **2005**, 3, 521-33 11.6 94
- 584 Visualization of the emergence of the pseudogap state and the evolution to superconductivity in a lightly hole-doped Mott insulator. *Nature Physics*, **2012**, 8, 534-538 16.2 90
- 583 Evidence for dominant Pauli paramagnetic effect in the upper critical field of single-crystalline FeTe_{0.6}Se_{0.4}. *Physical Review B*, **2010**, 81, 3-3 90
- 582 Endosperm tissue is good production platform for artificial recombinant proteins in transgenic rice. *Plant Biotechnology Journal*, **2007**, 5, 84-92 11.6 90
- 581 Superconductivity at 28 K in a cuprate with a niobium oxide intermediary layer. *Physica C: Superconductivity and Its Applications*, **1992**, 191, 237-242 1-3 89
- 580 Enhancement of superconductivity and evidence of structural instability in intercalated graphite CaC₆ under high pressure. *Physical Review Letters*, **2007**, 98, 067002 7-4 88
- 579 Interplane charge dynamics in La_{2-x}Sr_xCuO₄. *Physical Review Letters*, **1994**, 72, 3088-3091 7-4 86
- 578 Unconventional spin fluctuations in the hexagonal antiferromagnet YMnO₃. *Physical Review B*, **2003**, 68, 3-3 85
- 577 5d iridium oxide as a material for spin-current detection. *Nature Communications*, **2013**, 4, 2893 17.4 84
- 576 Voltage polarity dependent low-power and high-speed resistance switching in CoO resistance random access memory with Ta electrode. *Applied Physics Letters*, **2008**, 93, 113504 3-4 83
- 575 Inhomogeneous chemical states in resistance-switching devices with a planar-type Pt/CuO/Pt structure. *Applied Physics Letters*, **2009**, 95, 012110 3-4 82
- 574 Correlation effects in the electronic structure of SrRuO₃. *Physical Review B*, **1999**, 60, 2281-2285 3-3 82
- 573 Local octahedral tilts in La_{2-x}BaxCuO₄: Evidence for a new structural length scale. *Physical Review Letters*, **1994**, 72, 2282-2285 7-4 81
- 572 Transport Properties of (La_{1-x}Ax)₂CuO₄. *Japanese Journal of Applied Physics*, **1987**, 26, L440-L442 1.4 81

571	Evolution of a metal to insulator transition in $\text{Ca}_{2-x}\text{NaxCuO}_2\text{Cl}_2$ as seen by angle-resolved photoemission. <i>Physical Review B</i> , 2003 , 67,	3-3	79
570	Spinons in the strongly correlated copper oxide chains in SrCuO_2 . <i>Physical Review Letters</i> , 2004 , 93, 087202	3-3	77
569	Field-effect transistor on SrTiO_3 with sputtered Al_2O_3 gate insulator. <i>Applied Physics Letters</i> , 2003 , 83, 1755-1757	3-4	77
568	Crystal structure, magnetic and transport properties, and electronic band structure of $\text{A}_2\text{Mn}_2\text{O}_7$ pyrochlores (A=Y,In,Lu, and Tl). <i>Physical Review B</i> , 1999 , 59, 1249-1254	3-3	77
567	Superconductivity in $\text{RPt}_2\text{B}_2\text{C}$. <i>Physical Review B</i> , 1994 , 49, 12384-12387	3-3	77
566	Bi-directional ultrafast electric-field gating of interlayer charge transport in a cuprate superconductor. <i>Nature Photonics</i> , 2011 , 5, 485-488	33-9	76
565	Resonant-photoemission study of $\text{Nd}_{2-x}\text{CexCuO}_4$. <i>Physical Review B</i> , 1990 , 41, 7205-7208	3-3	75
564	Separation of $\text{N}_2@C_{60}$ and $\text{N}@C_{60}$. <i>Chemistry - A European Journal</i> , 2002 , 8, 5079-83	4-8	74
563	Gap observation by tunneling measurement on superconducting $\text{Ba}_{1-x}\text{KxBiO}_3$ thin film: A finite energy gap in $\text{Ba}_{1-x}\text{KxBiO}_3$. <i>Physica C: Superconductivity and Its Applications</i> , 1990 , 169, 391-395	1-3	74
562	Cu K-edge x-ray-absorption near-edge structure and electronic structure of $\text{Nd}_{2-x}\text{CexCuO}_{4-y}$ and $\text{La}_{2-x}\text{SrxCuO}_4$. <i>Physical Review B</i> , 1990 , 41, 131-137	3-3	74
561	Coherent order parameter oscillations in the ground state of the excitonic insulator TaNiSe . <i>Science Advances</i> , 2018 , 4, eaap8652	14-3	73
560	Marginal breakdown of the Fermi-liquid state on the border of metallic ferromagnetism. <i>Nature</i> , 2008 , 455, 1220-1223	50-4	73
559	Charge Ordering in the Geometrically Frustrated Spinel AlV_2O_4 . <i>Journal of the Physical Society of Japan</i> , 2001 , 70, 1456-1459	1-5	73
558	Doping effect on the transport and optical properties of P-type and N-type cuprate superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 162-164, 1677-1680	1-3	73
557	Imaging nanoscale electronic inhomogeneity in the lightly doped Mott insulator $\text{Ca}_{2-x}\text{NaxCuO}_2\text{Cl}_2$. <i>Physical Review Letters</i> , 2004 , 93, 097004	7-4	72
556	Muon Spin Relaxation and Magnetic Susceptibility Measurements in the Haldane System $\text{Y}_{2-x}\text{CaxBa}(\text{Ni}_{1-y}\text{Mgy})\text{O}_5$. <i>Physical Review Letters</i> , 1995 , 74, 3471-3474	7-4	72
555	Electric and Magnetic Properties of La_2CuO_4 . <i>Japanese Journal of Applied Physics</i> , 1987 , 26, L445-L446	1-4	72
554	Absence of nesting in the charge-density-wave system 1T-VS_2 as seen by photoelectron spectroscopy. <i>Physical Review B</i> , 2010 , 82,	3-3	71

553	Negative electronic compressibility and tunable spin splitting in WSe ₂ . <i>Nature Nanotechnology</i> , 2015 , 10, 1043-7	28.7	70
552	Strong coupling superconductivity at 8.4 K in an antiperovskite phosphide SrPt ₃ P. <i>Physical Review Letters</i> , 2012 , 108, 237001	7.4	70
551	Direct imaging of lithium atoms in LiVO ₂ by spherical aberration-corrected electron microscopy. <i>Microscopy (Oxford, England)</i> , 2010 , 59, 457-61	1.3	70
550	Superconductivity in an electron band just above the Fermi level: possible route to BCS-BEC superconductivity. <i>Scientific Reports</i> , 2014 , 4, 4109	4.9	69
549	X-ray absorption and x-ray magnetic dichroism study on Ca ₃ CoRhO ₆ and Ca ₃ FeRhO ₆ . <i>Physical Review B</i> , 2008 , 77,	3.3	69
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