

# Genda Gu

## List of Publications by Year in descending order

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343  
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343  
docs citations

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times ranked

10160  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chiral magnetic effect in ZrTe5. Nature Physics, 2016, 12, 550-554.	16.7	793
2	Quantum magnetic excitations from stripes in copper oxide superconductors. Nature, 2004, 429, 534-538.	27.8	547
3	Evidence for Majorana bound states in an iron-based superconductor. Science, 2018, 362, 333-335.	12.6	523
4	Evidence for Quantum Critical Behavior in the Optimally Doped Cuprate Bi2Sr2CaCu2O8+. Science, 1999, 285, 2110-2113.	12.6	512
5	Ubiquitous Interplay Between Charge Ordering and High-Temperature Superconductivity in Cuprates. Science, 2014, 343, 393-396.	12.6	506
6	Observation of topological superconductivity on the surface of an iron-based superconductor. Science, 2018, 360, 182-186.	12.6	500
7	Neutron scattering from magnetic excitations in Bi2Sr2CaCu2O8+δ. Nature, 1999, 398, 588-591.	27.8	356
8	Spatially modulated 'Mottness' in La2-xBaxCuO4. Nature Physics, 2005, 1, 155-158.	16.7	352
9	Doping and Temperature Dependence of the Mass Enhancement Observed in the Cuprate Bi2Sr2CaCu2O8+δ. Physical Review Letters, 2001, 87, 177007.	7.8	331
10	Electron-phonon coupling reflecting dynamic charge inhomogeneity in copper oxide superconductors. Nature, 2006, 440, 1170-1173.	27.8	299
11	Two-Dimensional Superconducting Fluctuations in Stripe-Ordered $\text{La}_{1.875}\text{Ba}_{0.125}\text{CuO}_4$ . Physical Review Letters, 2007, 99, 067001.	7.8	284
12	Diamagnetism and Cooper pairing above $T_c$ in cuprates. Physical Review B, 2010, 81, .	3.2	242
13	Signature of Superfluid Density in the Single-Particle Excitation Spectrum of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ . Science, 2000, 289, 277-281.	12.6	240
14	Field-Enhanced Diamagnetism in the Pseudogap State of the Cuprate $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ Superconductor in an Intense Magnetic Field. Physical Review Letters, 2005, 95, 247002.	7.8	224
15	The Ground State of the Pseudogap in Cuprate Superconductors. Science, 2006, 314, 1914-1916.	12.6	221
16	High-temperature superconductivity in monolayer $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ . Nature, 2019, 575, 156-163.	27.8	218
17	Emergence of preformed Cooper pairs from the doped Mott insulating state in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ . Nature, 2008, 456, 77-80.	27.8	217

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19	Fluctuating stripes at the onset of the pseudogap in the high-Tc superconductor Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+x</sub> . Nature, 2010, 468, 677-680.	27.8	210
20	Imaging Dirac-mass disorder from magnetic dopant atoms in the ferromagnetic topological insulator Cr <sub>x</sub> (Bi <sub>0.1</sub> Sb <sub>0.9</sub> ) <sub>2-x</sub> Te <sub>3</sub> . Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1316-1321.	7.1	206
21	Three-dimensional quantum Hall effect and metal-insulator transition in ZrTe <sub>5</sub> . Nature, 2019, 569, 537-541.	27.8	205
22	Optical spectroscopy study of the three-dimensional Dirac semimetal ZrTe <sub>5</sub> . Physical Review B, 2015, 92, .	27.8	205
23	High-transition-temperature superconductivity in the absence of the magnetic-resonance mode. Nature, 2004, 427, 714-717.	27.8	195
24	Electronic Structure of the Topological Insulator Bi <sub>2</sub> Se <sub>3</sub> . Angle-Resolved Photoemission Spectroscopy: Evidence for a Nearly Full Surface Spin Polarization. Physical Review Letters, 2011, 106, 257004.	7.8	192
25	Electronic Origin of the Inhomogeneous Pairing Interaction in the High-T <sub>c</sub> Superconductor Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+δ</sub> . Science, 2008, 320, 196-201.	12.6	186
26	Magnetoinfrared Spectroscopy of Landau Levels and Zeeman Splitting of Three-Dimensional Massless Dirac Fermions in ZrTe <sub>5</sub> . Physical Review Letters, 2015, 115, 176404.	7.8	175
27	Nearly quantized conductance plateau of vortex zero mode in an iron-based superconductor. Science, 2020, 367, 189-192.	12.6	172
28	Temperature Dependent Scattering Rates at the Fermi Surface of Optimally Doped Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+δ</sub> . Physical Review Letters, 2000, 85, 828-831.	7.8	171
29	Evidence for unusual superconducting correlations coexisting with stripe order in La <sub>1-x</sub> F <sub>x</sub> Bi <sub>2</sub> Se <sub>3</sub> . Physical Review B, 2008, 78, .	3.2	171
30	Multiple topological states in iron-based superconductors. Nature Physics, 2019, 15, 41-47.	16.7	170
31	Disentangling Cooper-pair formation above the transition temperature from the pseudogap state in the cuprates. Nature Physics, 2011, 7, 21-25.	16.7	169
32	Resonant Spin Excitation in an Overdoped High Temperature Superconductor. Physical Review Letters, 2001, 86, 1610-1613.	7.8	160
33	Proximity-induced high-temperature superconductivity in the topological insulators Bi <sub>2</sub> Se <sub>3</sub> and Bi <sub>2</sub> Te <sub>3</sub> . Nature Communications, 2012, 3, 1056.	12.8	153
34	Fully gapped topological surface states in Bi <sub>2</sub> Se <sub>3</sub> films induced by a d-wave high-temperature superconductor. Nature Physics, 2013, 9, 621-625.	16.7	149
35	Temperature Dependent Photoemission Studies of Optimally Doped Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> . Physical Review Letters, 1999, 82, 2179-2182.	7.8	145
36	Half-integer level shift of vortex bound states in an iron-based superconductor. Nature Physics, 2019, 15, 1181-1187.	16.7	144

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37	High-Energy Kink Observed in the Electron Dispersion of High-Temperature Cuprate Superconductors. <i>Physical Review Letters</i> , 2007, 98, 167003.	7.8	129
38	Mapping the orbital wavefunction of the surface states in three-dimensional topological insulators. <i>Nature Physics</i> , 2013, 9, 499-504.	16.7	118
39	Reconstructed Fermi Surface of Underdoped $\text{Bi}_{2-x}\text{Sr}_x\text{CaCu}_2\text{O}_{8-\delta}$ Superconductors. <i>Physical Review Letters</i> , 2011, 107, 047003.	7.8	88
40	Evidence for dispersing 1D Majorana channels in an iron-based superconductor. <i>Science</i> , 2020, 367, 104-108.	12.6	116
41	Revealing the dual nature of magnetism in iron pnictides and iron chalcogenides using x-ray emission spectroscopy. <i>Physical Review B</i> , 2011, 84, .	3.2	112
42	Extending Universal Nodal Excitations Optimizes Superconductivity in $\text{Bi}_{2-x}\text{Sr}_x\text{CaCu}_2\text{O}_{8-\delta}$ . <i>Science</i> , 2009, 324, 1689-1693.	12.6	107
43	Optically induced superconductivity in striped $\text{La}_{1-x}\text{Pr}_x\text{CuO}_2$ polarization-selective excitation in the near infrared. <i>Physical Review B</i> , 2014, 90, .	7.8	82
44	Enhanced superconducting transition temperature in $\text{FeSe}_{0.5}\text{Te}_{0.5}$ thin films. <i>Applied Physics Letters</i> , 2009, 95, .	3.3	101
45	Doping dependent optical properties of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8-\delta}$ . <i>Journal of Physics Condensed Matter</i> , 2007, 19, 125208.	1.8	100
46	Aharonov-Bohm oscillations in a quasi-ballistic three-dimensional topological insulator nanowire. <i>Nature Communications</i> , 2015, 6, 7634.	12.8	100
47	Investigation of the Spin-Glass Regime between the Antiferromagnetic and Superconducting Phases in $\text{Fe}_{1-x}\text{Se}_x\text{Te}_{1-x}$ . <i>Journal of the Physical Society of Japan</i> , 2010, 79, 113702.	1.6	96
48	Testing the itinerancy of spin dynamics in superconducting $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8-\delta}$ . <i>Nature Physics</i> , 2009, 5, 642-646.	16.7	95
49	Interplay between magnetism and superconductivity in iron-chalcogenide superconductors: crystal growth and characterizations. <i>Reports on Progress in Physics</i> , 2011, 74, 124503.	20.1	95
50	Identification of a New Form of Electron Coupling in the $\text{Bi}_{2-x}\text{Sr}_x\text{CaCu}_2\text{O}_{8-\delta}$ Superconductor by Laser-Based Angle-Resolved Photoemission Spectroscopy. <i>Physical Review Letters</i> , 2008, 100, 107002.	7.8	88
51	Melting of Charge Stripes in Vibrationally Driven $\text{La}_{1-x}\text{Pr}_x\text{CuO}_2$ . Assessing the Respective Roles of Electronic a. <i>Physical Review Letters</i> , 2014, 112, 157002.	7.8	82
52	Collapse of the Normal-State Pseudogap at a Lifshitz Transition in the $\text{Bi}_{2-x}\text{Sr}_x\text{CaCu}_2\text{O}_{8-\delta}$ . <i>Physical Review Letters</i> , 2015, 114, 147001.	7.8	82
53	Imaging nanoscale Fermi-surface variations in an inhomogeneous superconductor. <i>Nature Physics</i> , 2009, 5, 213-216.	16.7	81
54	High-Energy Magnetic Excitations in the Cuprate Superconductor $\text{Bi}_{2-x}\text{Sr}_x\text{CaCu}_2\text{O}_{8-\delta}$ : Towards a Unified Description of It. <i>Physical Review Letters</i> , 2013, 110, 147001.	7.8	81

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55	Unconventional Temperature Enhanced Magnetism in $\text{Fe}_{1.1}\text{Te}$ . Physical Review Letters, 2011, 107, 216403.	7.8	79
56	Imaging the Impact of Single Oxygen Atoms on Superconducting $\text{Bi}_{2-y}\text{Sr}_{2+y}\text{CaCu}_2\text{O}_{8+x}$ . Science, 2012, 337, 320-323.	12.6	79
57	Anomalous density fluctuations in a strange metal. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5392-5396.	7.1	79
58	Spectroscopic evidence for bulk-band inversion and three-dimensional massive Dirac fermions in $\text{ZrTe}_5$ . Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 816-821.	7.1	77
59	Optimizing the superconducting transition temperature and upper critical field of $\text{Sn}_{1-x}\text{In}_x$ . Physical Review B, 2013, 88, .	3.2	75
60	High-temperature charge density wave correlations in $\text{La}_{1.875}\text{Ba}_{0.125}\text{CuO}_4$ without spin-charge locking. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12430-12435.	7.1	75
61	Extracting the electron-boson spectral function $\hat{I}\pm 2F(\%)$ from infrared and photoemission data using inverse theory. Physical Review B, 2005, 71, .	3.2	74
62	Spontaneous Symmetry Breaking by Charge Stripes in the High Pressure Phase of Superconducting $\text{La}_{1.875}\text{Ba}_{0.125}\text{CuO}_4$ . Physical Review Letters, 2010, 104, 057004.	7.8	70
63	Formation of Gapless Fermi Arcs and Fingerprints of Order in the Pseudogap State of Cuprate Superconductors. Physical Review Letters, 2013, 111, 157003.	7.8	70
64	Electronic correlations and unusual superconducting response in the optical properties of the iron chalcogenide $\text{FeTe}_{0.55}\text{Se}_{0.45}$ . Physical Review B, 2010, 81, .	3.2	65
65	Probing optically silent superfluid stripes in cuprates. Science, 2018, 359, 575-579.	12.6	65
66	Raman-Scattering Measurements and Theory of the Energy-Momentum Spectrum for Underdoped $\text{Bi}_2\text{Sr}_2\text{CaCuO}_8+\delta$ Superconductors: Evidence of anisotropic Wave Structure for the Pseudogap. Physical Review Letters, 2013, 111, 107001.	7.8	64
67	Energy dissipation from a correlated system driven out of equilibrium. Nature Communications, 2016, 7, 13761.	12.8	63
68	Superconductivity with two-fold symmetry in topological superconductor $\text{Sr}_x\text{Bi}_2\text{Se}_3$ . Science China: Physics, Mechanics and Astronomy, 2017, 60, 1.	5.1	63
69	Short-range incommensurate magnetic order near the superconducting phase boundary in $\text{Fe}_{1-x}\text{Co}_x$ . Physical Review B, 2009, 80, .	3.2	62
70	Coupling of spin and orbital excitations in the iron-based superconductor $\text{FeSe}_{1-x}\text{Te}_x$ . Physical Review B, 2010, 81, .	3.2	61
71	Nematicity in stripe-ordered cuprates probed via resonant x-ray scattering. Science, 2016, 351, 576-578.	12.6	61
72	Optical studies of charge dynamics in optimally doped $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ . Physical Review B, 2002, 66, .	3.2	59

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73	Parametric amplification of a superconducting plasma wave. <i>Nature Physics</i> , 2016, 12, 1012-1016.	16.7	59
74	Nonequilibrium electron and lattice dynamics of strongly correlated $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ single crystals. <i>Science Advances</i> , 2018, 4, eaap7427.	10.3	58
75	Spin-glass behavior in $\text{LuFe}_2\text{O}_7$ . <i>Physical Review B</i> , 2009, 80, .	3.2	57
76	Sign-Reversing Hall Effect in Atomically Thin High-Temperature $\text{Bi}_2\text{Te}_3$ . <i>Physical Review Letters</i> , 2019, 122, 247001.	7.8	57
77	Structural phase transitions in $\text{Bi}_2\text{Se}_3$ under high pressure. <i>Scientific Reports</i> , 2015, 5, 15939.	3.3	56
78	Charge density waves in cuprate superconductors beyond the critical doping. <i>Npj Quantum Materials</i> , 2021, 6, .	5.2	55
79	Continuous magnetic and structural phase transitions in $\text{Fe}_3\text{Te}_2$ . <i>Physical Review B</i> , 2012, 85, .	3.2	54
80	X-ray scattering study of charge density waves in $\text{La}_2\text{CuO}_7$ . <i>Physical Review B</i> , 2008, 77, .	3.2	53
81	Disappearance of static magnetic order and evolution of spin fluctuations in $\text{Sr}_2\text{O}_8$ Superconductor from Laser-Based Angle-Resolved Photoemission Spectroscopy. <i>Physical Review Letters</i> , 2008, 101, .	7.8	52
82	Disappearance of static magnetic order and evolution of spin fluctuations in $\text{Fe}_3\text{Te}_2$ . <i>Physical Review B</i> , 2010, 82, .	3.2	52
83	Muon Spin Relaxation Studies of Magnetic-Field-Induced Effects in High-Tc Superconductors. <i>Physical Review Letters</i> , 2005, 95, 157001.	7.8	51
84	Ultrafast time-resolved x-ray scattering reveals diffusive charge order dynamics in $\text{La}_2\text{BaCuO}_4$ . <i>Science Advances</i> , 2019, 5, eaax3346.	10.3	51
85	Evidence for Helical Hinge Zero Modes in an Fe-Based Superconductor. <i>Nano Letters</i> , 2019, 19, 4890-4896.	9.1	51
86	Photoenhanced metastable c-axis electrostatics in stripe-ordered cuprate $\text{La}_{1.885}\text{Ba}_{0.115}\text{CuO}_4$ . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19875-19879.	7.1	51
87	Imaging the energy gap modulations of the cuprate pair-density-wave state. <i>Nature</i> , 2020, 580, 65-70.	27.8	51
88	Charge Order, Metallic Behavior, and Superconductivity in $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$ with $x=1/8$ . <i>Physical Review Letters</i> , 2006, 96, 257002.	7.8	50
89	High-pressure phase transitions, amorphization, and crystallization behaviors in $\text{Bi}_2\text{Se}_3$ . <i>Journal of Physics Condensed Matter</i> , 2013, 25, 125602.	1.8	50
90	Superconductor-Insulator Transitions in Exfoliated $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ Flakes. <i>Nano Letters</i> , 2018, 18, 5660-5665.	9.1	50

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91	Two-Dimensional Conical Dispersion in $ZrTe_5$ . Evidenced by Optical Spectroscopy. Physical Review Letters, 2019, 122, 217402.	7.8	50
92	Effect of magnetic field on the spin resonance in $FeTe_{0.5}$ seen via inelastic neutron scattering. Physical Review B, 2010, 81, .	3.2	49
93	$Ba_{1-x}Cu_xO$ . Physical Review Letters, 2012, 109, 147001.	3.2	49
94	Photoinduced changes in the cuprate electronic structure revealed by femtosecond time- and angle-resolved photoemission. Physical Review B, 2014, 89, .	3.2	49
95	Measurement of the dynamic charge response of materials using low-energy, momentum-resolved electron energy-loss spectroscopy (M-EELS). SciPost Physics, 2017, 3, .	4.9	48
96	Collapse of superconductivity in cuprates via ultrafast quenching of phase coherence. Nature Materials, 2018, 17, 416-420.	27.5	46
97	Magneto-Optical Measurements of a Cascade of Transitions in Superconducting $Ba_{1-x}Bi_xCu_2O_{7-y}$ Crystals. Physical Review Letters, 2012, 109, 147001.	7.8	45
98	Evidence of Chiral Order in the Charge-Ordered Phase of Superconducting $La_{1.875}Ba_{0.125}CuO_4$ Crystals Using Polarized Light. Physical Review Letters, 2014, 112, 047003.	7.8	45
99	Orbital symmetry of charge-density-wave order in $La_{1.875}Ba_{0.125}CuO_4$ and $YBa_2Cu_3O_{6.67}$ . Nature Materials, 2016, 15, 616-620.	27.5	45
100	Emergence of multiple Fermi surface maps in angle-resolved photoemission from $Bi_2Sr_2CaCu_2O_{8+\delta}$ . Physical Review B, 2003, 67, .	3.2	44
101	Surface Collective Modes in the Topological Insulators $Bi_2Se_3$ and $Bi_2Te_3$ . Physical Review Letters, 2011, 106, 257402.	7.8	44
102	Determination of the optical properties of $La_{1-x}Bi_xCu_2O_{7-y}$ . Physical Review Letters, 2012, 109, 147001.	3.2	43
103	Phase diagram of $Bi_2Sr_2CaCu_2O_{8+\delta}$ revisited. Nature Communications, 2018, 9, 5210.	12.8	43
104	Observation and control of the weak topological insulator state in $ZrTe_5$ . Nature Communications, 2021, 12, 406.	12.8	43
105	Spin-Polarized Yu-Shiba-Rusinov States in an Iron-Based Superconductor. Physical Review Letters, 2021, 126, 076802.	7.8	43
106	Direct observation of dynamic charge stripes in $La_{2-x}Sr_xNiO_4$ . Nature Communications, 2014, 5, 3467.	12.8	42
107	Spin-Orbit Interactions and the Nematicity Observed in the Fe-Based Superconductors. Physical Review Letters, 2015, 114, 167001.	7.8	42
108	Nematic fluctuations in the cuprate superconductor $Bi_2Sr_2CaCu_2O_{8+\delta}$ . Nature Communications, 2019, 10, 5209.	12.8	42

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109	Length-dependent optical enhancement of superconducting interlayer coupling in $\text{La}_{1-x}\text{Bi}_x\text{FeAs}_2$ . <i>Physical Review Letters</i> , 2014, 112, 187202.	3.2	41
110	Ferro-Orbital Ordering Transition in Iron Telluride $\text{FeTe}_{1-x}\text{Se}_x$ . <i>Physical Review Letters</i> , 2014, 112, 187202.	7.8	40
111	Scanning tunnelling microscopy imaging of symmetry-breaking structural distortion in the bismuth-based cuprate superconductors. <i>Nature Materials</i> , 2012, 11, 585-589.	27.5	39
112	Absence of a Proximity Effect for a Thin-Films of a $\text{Bi}_2\text{Te}_3/\text{CuO}$ Insulator Grown on Top of a $\text{Bi}_2\text{Te}_3$ . <i>Physical Review Letters</i> , 2014, 113, 067003.	7.8	39
113	Superconducting and normal-state anisotropy of the doped topological insulator $\text{Sr}_{0.1}\text{Bi}_2\text{Se}_3$ . <i>Scientific Reports</i> , 2018, 8, 7666.	3.3	39
114	A strongly inhomogeneous superfluid in an iron-based superconductor. <i>Nature</i> , 2019, 571, 541-545.	27.8	39
115	Electronic excitations near the Brillouin zone boundary of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ . <i>Physical Review B</i> , 2002, 65, .	3.2	37
116	Quasiparticle interference on the surface of the topological crystalline insulator $\text{Pb}_{1-x}\text{Sn}_x$ . <i>Physical Review B</i> , 2013, 88, 040407.	3.2	37
117	Comparison of charge modulations in $\text{La}_{1-x}\text{Fe}_x\text{Te}$ . <i>Physical Review B</i> , 2013, 88, 040407.	3.2	37
118	Comparison of charge modulations in $\text{La}_{1-x}\text{Fe}_x\text{Te}$ . <i>Physical Review B</i> , 2013, 88, 040407.	3.2	36
119	Spin susceptibility of underdoped cuprate superconductors: Insights from a stripe-ordered crystal. <i>Physical Review B</i> , 2008, 78, .	3.2	35
120	Observation of a thermoelectric Hall plateau in the extreme quantum limit. <i>Nature Communications</i> , 2020, 11, 1046.	12.8	35
121	High-energy magnetic excitations from dynamic stripes in $\text{La}_{1-x}\text{Bi}_x\text{FeAs}_2$ . <i>Physical Review B</i> , 2014, 90, 040407.	3.2	34
122	Disorder raises the critical temperature of a cuprate superconductor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10691-10697.	7.1	34
123	Electronic properties of the bulk and surface states of $\text{Fe}_{1+y}\text{Te}_{1-x}\text{Se}_x$ . <i>Nature Materials</i> , 2021, 20, 1221-1227.	27.5	34
124	Presence of $s$ -Wave Pairing in Josephson Junctions Made of Twisted Ultrathin $\text{Bi}_2\text{Te}_3$ . <i>Physical Review X</i> , 2021, 11, .	8.9	34
125	Pairing, pseudogap and Fermi arcs in cuprates. <i>Philosophical Magazine</i> , 2015, 95, 453-466.	1.6	33
126	Remarkable Stability of Charge Density Wave Order in $\text{La}_{1-x}\text{Bi}_x\text{FeAs}_2$ . <i>Physical Review Letters</i> , 2016, 117, 167001.	7.8	33



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127	Observation of magnetic adatom-induced Majorana vortex and its hybridization with field-induced Majorana vortex in an iron-based superconductor. Nature Communications, 2021, 12, 1348.	12.8	33
128	Strongly Correlated Charge Density Wave in $\text{La}_{2-x}\text{Mn}_x\text{O}_7$ Physical Review Letters, 2020, 124, 207005.	7.8	33
129	$\text{Ba}_{1-x}\text{Cu}_x\text{O}$ Physical Review Letters, 2009, 92, 127005.	3.2	32
130	Magnetic excitations in stripe-ordered $\text{La}_{1.875}\text{Ba}_{0.125}\text{CuO}_4$ studied using resonant inelastic x-ray scattering. Physical Review B, 2013, 88, .	3.2	32
131	Neutron scattering study of spin ordering and stripe pinning in superconducting $\text{La}_{2-x}\text{Mn}_x\text{O}_7$ Physical Review B, 2015, 92, .	3.2	32
132	Nanocalorimetric evidence for nematic superconductivity in the doped topological insulator $\text{Sr}_{2-x}\text{Mn}_x\text{O}_7$ Physical Review B, 2018, 98, .	3.2	32
133	Quantitative Raman measurement of the evolution of the Cooper-pair density with doping in $\text{Bi}_2\text{O}_7$ Physical Review B, 2009, 80, .	3.2	31
134	Magnetic-field control of charge structures in the magnetically disordered phase of multiferroic $\text{LuFe}_2\text{O}_7$ Physical Review B, 2009, 80, .	3.2	31
135	Dependence of superconductivity in $\text{Cu}_{1-x}\text{Mn}_x\text{O}$ quenching conditions. Physical Review B, 2015, 91, .	3.2	31
136	Vertical temperature boundary of the pseudogap under the superconducting dome in the phase diagram of $\text{Bi}_2\text{O}_7$ Physical Review B, 2017, 96, .	3.2	31
137	Doping Dependence of Collective Spin and Orbital Excitations in the Spin-1 Quantum Antiferromagnet $\text{La}_{2-x}\text{Mn}_x\text{O}_7$ Physical Review Letters, 2017, 118, 156402.	7.8	31
138	Evidence for Short-Range-Ordered Charge Stripes Far above the Charge-Ordering Transition in $\text{La}_{1.6}\text{Sr}_x\text{MnO}_7$ Physical Review Letters, 2013, 111, 096404.	7.8	30
139	Charge density wave memory in a cuprate superconductor. Nature Communications, 2019, 10, 1435.	12.8	30
140	Charge-stripe crystal phase in an insulating cuprate. Nature Materials, 2019, 18, 103-107.	27.5	30
141	Extremely Correlated Fermi-Liquid Description of Normal-State ARPES in Cuprates. Physical Review Letters, 2011, 107, 056404.	7.8	29
142	New insights into the phase diagram of the copper oxide superconductors from electronic Raman scattering. Reports on Progress in Physics, 2013, 76, 022502.	20.1	29
143	Coexistence of Two Sharp-Mode Couplings and their Unusual Momentum Dependence in the Superconducting State of $\text{Sr}_{2-x}\text{Mn}_x\text{O}_8$ Physical Review Letters, 2013, 111, 107005.	7.8	28
144	Nearly perfect fluidity in a high-temperature superconductor. Physical Review B, 2014, 90, .	3.2	28

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145	Reconciliation of local and long-range tilt correlations in underdoped $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$ ( $0 \leq x \leq 0.155$ ). Physical Review B, 2015, 91, .	3.2	28
146	Magnetic field induced enhancement of spin-order peak intensity in $\text{La}_{1-1.875x}\text{Ce}_{0.125x}\text{CuO}_4$ . Physical Review B, 2008, 78, .	3.2	27
147	Bulk Signatures of Pressure-Induced Band Inversion and Topological Phase Transitions in $\text{Sn}_{1-x}\text{Pb}_x\text{Te}$ . Physical Review Letters, 2014, 113, 096401.	3.2	27
148	Bulk Signatures of Pressure-Induced Band Inversion and Topological Phase Transitions in $\text{Pb}_{1-x}\text{Te}$ . Physical Review Letters, 2014, 113, 096401.	7.8	27
149	Strong Correlation Between Superconductivity and Ferromagnetism in an Fe-Chalcogenide Superconductor. Nano Letters, 2021, 21, 7277-7283.	9.1	27
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