Genda Gu

List of Publications by Year
in descending order

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338 papers	18,150 citations	16451 64 h-index	17105 122 g-index
343 all docs	343 docs citations	343 times ranked	10160 citing authors

#	Article	IF	Citations
1	Terahertz phase slips in striped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mrow><mml:mn>2</mml:mn> mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2022, 105, .	3.2	4
2	Correlation-driven electronic reconstruction in FeTe1âˆ’xSex. Communications Physics, 2022, 5, .	5.3	17
3	Quantum phase transition from superconducting to insulating-like state in a pressurized cuprate superconductor. Nature Physics, 2022, 18, 406-410.	16.7	18
4	Coupled electronic and magnetic excitations in the cuprates and their role in the superconducting transition. Communications Physics, 2022, 5, .	5.3	3
5	Thermal transport properties and some hydrodynamic-like behavior in three-dimensional topological semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Zr</mml:mi><mml:msub><mml:mi>Te</mml:mi><mml:mi><mml:m Physical Review B, 2022, 105, .	3.2	0
6	Little-Parks like oscillations in lightly doped cuprate superconductors. Nature Communications, 2022, 13, 1316.	12.8	4
7	Doping dependence of the electron-phonon coupling in two families of bilayer superconducting cuprates. Physical Review B, 2022, 105, .	3.2	7
8	Manipulating high-temperature superconductivity by oxygen doping in Bi2Sr2CaCu2O8+Î´ thin flakes. National Science Review, 2022, 9, .	9.5	4
9	Hyperbolic Cooper-Pair Polaritons in Planar Graphene/Cuprate Plasmonic Cavities. Nano Letters, 2021, 21, 308-316.	9.1	13
10	Experimental evidence that zinc impurities pin pair-density-wave order in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mn>2</mml:mn><mml:mn>2</mml:mn> Physical Review B, 2021, 103, .	3.2	9
11	Spatially dispersing Yu-Shiba-Rusinov states in the unconventional superconductor FeTe0.55Se0.45. Nature Communications, 2021, 12, 298.	12.8	16
12	Observation and control of the weak topological insulator state in ZrTe5. Nature Communications, 2021, 12, 406.	12.8	43
13	Giant Nernst effect and field-enhanced transversal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>z</mml:mi><mml:mi>N</mml:mi></mml:msub><mml:mi mathvariant="normal">T</mml:mi></mml:math> in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">ZrTe</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:math>. Physical Review B, 2021, 103, .	3.2	16
14	Time-reversal symmetry breaking in the Fe-chalcogenide superconductors. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	25
15	Dynamic electron correlations with charge order wavelength along all directions in the copper oxide plane. Nature Communications, 2021, 12, 597.	12.8	21
16	Spin-Polarized Yu-Shiba-Rusinov States in an Iron-Based Superconductor. Physical Review Letters, 2021, 126, 076802.	7.8	43
17	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
18	Charge density waves in cuprate superconductors beyond the critical doping. Npj Quantum Materials, 2021, 6, .	5.2	55

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19	Electronic properties of the bulk and surface states of Fe1+yTe1â^'xSex. Nature Materials, 2021, 20, 1221-1227.	27.5	34
20	Hole-like Fermi surface in the overdoped non-superconducting Bi_{1.8} Pb_{0.4} Sr₂CuO_{6+Î´}. Europhysics Letters, 2021, 134, 17002.	2.0	3
21	Ubiquitous suppression of the nodal coherent spectral weight in Bi-based cuprates. Physical Review B, 2021, 103, .	3.2	3
22	Electron-electron interactions and weak antilocalization in few-layer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Zr</mml:mi><mml:msub><mml:mi>Te</mml:mi></mml:msub><mml:m devices. Physical Review B, 2021, 103, .	3.2	11
23	Terahertz Nano-Imaging of Electronic Strip Heterogeneity in a Dirac Semimetal. ACS Photonics, 2021, 8, 1873-1880.	6.6	16
24	Nematic transition and nanoscale suppression of superconductivity in Fe(Te,Se). Nature Physics, 2021, 17, 903-908.	16.7	14
25	Presence of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>s</mml:mi></mml:mrow></mml:math> -Wave Pairing in Josephson Junctions Made of Twisted Ultrathin <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Bi</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></m Physical Review X, 2021, 11, .	8.9	34
26	Quantum Size Effects, Multiple Dirac Cones, and Edge States in Ultrathin Bi(110) Films. ACS Applied Materials & Interfaces, 2021, 13, 33627-33634.	8.0	11
27	Two-Dimensional Quantum Hall Effect and Zero Energy State in Few-Layer ZrTe₅. Nano Letters, 2021, 21, 5998-6004.	9.1	4
28	Reinvestigation of crystal symmetry and fluctuations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mo></mml:m Physical Review B, 2021, 104, .	3.2	10
29	Strong Correlation Between Superconductivity and Ferromagnetism in an Fe-Chalcogenide Superconductor. Nano Letters, 2021, 21, 7277-7283.	9.1	27
30	Surface orbital order and chemical potential inhomogeneity of the iron-based superconductor FeTe0.55Se0.45 investigated with special STM tips. Physical Review Research, 2021, 3, .	3.6	3
31	Wang-MacDonald d -Wave Vortex Cores Observed in Heavily Overdoped Bi2Sr2CaCu2O8+Î´. Physical Review X, 2021, 11, .	8.9	3
32	Crossover behavior in the magnetoresistance of thin flakes of the topological material <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Zr</mml:mi><mml:msub><mml:mi>Te</mml:mi></mml:msub><mml:m Physical Review B, 2021, 104, .	3.2	3
33	Direct visualization of a static incommensurate antiferromagnetic order in Fe-doped Bi ₂ Sr ₂ CaCu ₂ O _{8+Î´}. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	6
34	Twisted van der Waals Josephson Junction Based on a High-T_c Superconductor. Nano Letters, 2021, 21, 10469-10477.	9.1	22
35	Angle-Resolved Transport Measurements Reveal Electronic Nematicity in Cuprate Superconductors. Journal of Superconductivity and Novel Magnetism, 2020, 33, 87-92.	1.8	2
36	Evidence for dispersing 1D Majorana channels in an iron-based superconductor. Science, 2020, 367, 104-108.	12.6	116

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37	Crossover from two-dimensional to three-dimensional superconducting states in bismuth-based cuprate superconductor. Nature Physics, 2020, 16, 295-300.	16.7	22
38	Nearly quantized conductance plateau of vortex zero mode in an iron-based superconductor. Science, 2020, 367, 189-192.	12.6	172
39	Negative longitudinal magnetothermopower in the topological semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>ZrTe</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:math>. Physical Review B, 2020, 102, .	3.2	4
40	Spontaneous Nernst effect in the iron-based superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mrow></mml:mrow></mml:msub></mml:mrow></mml:math>Se₂<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mn>1</mml:mn></mml:math>. Physical Review B, 2020, 102, .	3.2	7
41	A cleanroom in a glovebox. Review of Scientific Instruments, 2020, 91, 073909.	1.3	13
42	Giant electronâ€“phonon coupling of the breathing plane oxygen phonons in the dynamic stripe phase of $$hbox {La}_{1.67}hbox {Sr}_{0.33}hbox {NiO}_4$$. Scientific Reports, 2020, 10, 11426.	3.3	5
43	Origin of the isostructural electronic states of the topological insulator <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>Te₃. Physical Review B, 2020, 102, .	3.2	10
44	Coulomb blockade effects in a topological insulator grown on a high-Tc cuprate superconductor. Npj Quantum Materials, 2020, 5, .	5.2	3
45	Origin of Suppression of Proximityâ€Induced Superconductivity in Bi/Bi₂Sr₂CaCu₂O8+Î´ Heterostructures. Advanced Quantum Technologies, 2020, 3, 2000038.	3.9	5
46	Electron-phonon coupling and superconductivity in the doped topological crystalline insulator (Pb0.5Sn0.5)1âˆ’xInxTe. Physical Review B, 2020, 102, .	3.2	5
47	Distinct intermediate states in the isostructural <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>R</mml:mi><mml:mtext>a</mml:mtext><mml:mn>3</mml:mn></mml:math> phase of the topological insulator <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">B</mml:mi><mml:msub><mml:mi mathvariant="normal">i</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">S</mml:mi>	3.2	8
48	Zhao etÂal. Reply:. Physical Review Letters, 2020, 124, 249702.	7.8	4
49	Twofold symmetry of proximity-induced superconductivity in Bi2Te3/Bi2Sr2CaCu2O8+Î´ heterostructures revealed by scanning tunneling microscopy. Physical Review B, 2020, 101, .	3.2	11
50	Scaling behavior of low-temperature orthorhombic domains in the prototypical high-temperature superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">La</mml:mi><mml:mrow><mml:mn>1.875</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">Ba</mml:mi><mml:mrow><mml:mn>0.125</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">CuO</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review B, 2020, 101, .	3.2	6
51	Probing intraband excitations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>ZrTe</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:math> : A high-pressure infrared and transport study. Physical Review B, 2020, 101, .	3.2	5
52	Imaging the energy gap modulations of the cuprate pair-density-wave state. Nature, 2020, 580, 65-70.	27.8	51
53	Universal relationship between the energy scales of the pseudogap phase, the superconducting state, and the charge-density-wave order in copper oxide superconductors. Physical Review B, 2020, 101, .	3.2	12
54	Observation of a thermoelectric Hall plateau in the extreme quantum limit. Nature Communications, 2020, 11, 1046.	12.8	35

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55	Selective hybridization between the main band and the superstructure band in the Bi2Sr2CaCu2O8+Î´ superconductor. Physical Review B, 2020, 101, .	3.2	5
56	Disappearance of superconductivity due to vanishing coupling in the overdoped Bi$$_{2}$$Sr$$_{2}$$CaCu$$_{2}$$O$$_{8+delta }$$. Nature Communications, 2020, 11, 569.	12.8	15
57	Artificially engineered nanostrain in FeSexTe1-x superconductor thin films for supercurrent enhancement. NPG Asia Materials, 2020, 12, .	7.9	15
58	Ion irradiation of iron chalcogenide superconducting films. Superconductor Science and Technology, 2020, 33, 094008.	3.5	3
59	Strongly Correlated Charge Density Wave in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>La</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn><m Physical Review Letters, 2020, 124, 207005.	7.8	33
60	Photon energy and polarization-dependent electronic structure of Cr-doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Se</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review Materials, 2020, 4, .	2.4	5
61	Spatially modulated, incommensurate lattice modulations in an atomically thin high-temperature <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mrow><mml:mn>2.1</mml:mn><mml:mi mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>8</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review Materials, 2020, 4, .	2.4	11
62	Half-integer level shift of vortex bound states in an iron-based superconductor. Nature Physics, 2019, 15, 1181-1187.	16.7	144
63	Ultrafast time-resolved x-ray scattering reveals diffusive charge order dynamics in La _{2â€“ x} Ba _x CuO ₄. Science Advances, 2019, 5, eaax3346.	10.3	51
64	A strongly inhomogeneous superfluid in an iron-based superconductor. Nature, 2019, 571, 541-545.	27.8	39
65	Evidence for Helical Hinge Zero Modes in an Fe-Based Superconductor. Nano Letters, 2019, 19, 4890-4896.	9.1	51
66	Anomalous doping evolution of nodal dispersion revealed by in situ ARPES on continuously doped cuprates. Physical Review B, 2019, 100, .	3.2	7
67	High-temperature superconductivity in monolayer Bi2Sr2CaCu2O8+Î´. Nature, 2019, 575, 156-163.	27.8	218
68	Nematic fluctuations in the cuprate superconductor Bi2Sr2CaCu2O8+Î´. Nature Communications, 2019, 10, 5209.	12.8	42
69	Low-energy phonons in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mrow><mml:msub><mml:mi mathvariant="normal">CaCu</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>8</mml:mn><mml:mo>+</mml:mo><mml:mi>Î´</mml:mi></mml:mrow> and their possible interaction with electrons. Physical Review B, 2019, 100, .	3.2	6
70	Gapless spin excitations in superconducting La2â^'xCa1+xCu2O6 with Tc up to 55â€‰K. Physical Review B, 2019, 99, .	3.2	2
71	Sign-Reversing Hall Effect in Atomically Thin High-Temperature <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Bi</mml:mi></mml:mrow><mml:mrow><mml:mn>2.1</mml:mn> Physical Review Letters, 2019, 122, 247001.	7.8	57
72	Two-Dimensional Conical Dispersion in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>ZrTe</mml:mi></mml:mrow><mml:mrow><mml:mn>5</mml:mn></mml:mrow></m Evidenced by Optical Spectroscopy. Physical Review Letters, 2019, 122, 217402.	7.8	50

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73	Tuning from failed superconductor to failed insulator with magnetic field. Science Advances, 2019, 5, eaav7686.	10.3	21
74	Three-dimensional quantum Hall effect and metalâ€“insulator transition in ZrTe5. Nature, 2019, 569, 537-541.	27.8	205
75	Disorder raises the critical temperature of a cuprate superconductor. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10691-10697.	7.1	34
76	Directly visualizing the sign change of d-wave superconducting gap in Bi2Sr2CaCu2O8+Î´ by phase-referenced quasiparticle interference. Nature Communications, 2019, 10, 1603.	12.8	20
77	Low-Temperature Charging Dynamics of the Ionic Liquid and Its Gating Effect on FeSe_{0.5}Te_{0.5} Superconducting Films. ACS Applied Materials & Interfaces, 2019, 11, 17979-17986.	8.0	10
78	Optical perturbation of the hole pockets in the underdoped high- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:ma superconducting cuprates. Physical Review B, 2019, 99, .	3.2	10
79	Charge density wave memory in a cuprate superconductor. Nature Communications, 2019, 10, 1435.	12.8	30
80	Quasi-2D superconductivity in FeTe_{0.55}Se_{0.45} ultrathin film. Journal of Physics Condensed Matter, 2019, 31, 265702.	1.8	6
81	Photoenhanced metastable c-axis electrodynamics in stripe-ordered cuprate La _{1.885} Ba _{0.115} CuO ₄. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19875-19879.	7.1	51
82	Nature and impact of stripe freezing in La1.67Sr0.33NiO4. Physical Review B, 2019, 100, .	3.2	9
83	Large surface conductance and superconductivity in topological insulator microstructures. Applied Physics Letters, 2019, 115, 173507.	3.3	1
84	Reconstruction of the Bi2Sr2CaCu2O8+Î´ Fermi surface. Physical Review B, 2019, 100, .	3.2	3
85	Evidence for photoinduced sliding of the charge-order condensate in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mrow Physical Review B, 2019, 100, .	3.2	12
86	Charge-stripe crystal phase in an insulating cuprate. Nature Materials, 2019, 18, 103-107.	27.5	30
87	Multiple topological states in iron-based superconductors. Nature Physics, 2019, 15, 41-47.	16.7	170
88	Observation of topological superconductivity on the surface of an iron-based superconductor. Science, 2018, 360, 182-186.	12.6	500
89	Evidence for magnetic-field-induced decoupling of superconducting bilayers in La2âˆ’xCa1+xCu2O6. Physical Review B, 2018, 97, .	3.2	10
90	Probing optically silent superfluid stripes in cuprates. Science, 2018, 359, 575-579.	12.6	65

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91	Superconductivity, pairing symmetry, and disorder in the doped topological insulator <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sn</mml:mi><mml:mrow><mml:mn>1</mml:mn> for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>x</mml:mi><mml:mo>â‰¥</mml:mo><mml:mn>0.10 Physical Review B, 2018, 97, .	3.2	14
92	Nonequilibrium electron and lattice dynamics of strongly correlated Bi ₂ Sr ₂ CaCu ₂ O _{8+Î´} single crystals. Science Advances, 2018, 4, eaap7427.	10.3	58
93	Collapse of superconductivity in cuprates via ultrafast quenching of phase coherence. Nature Materials, 2018, 17, 416-420.	27.5	46
94	Nanocalorimetric evidence for nematic superconductivity in the doped topological insulator <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mrow><mml:mn>0.1</m Physical Review B, 2018, 98, .	3.2	32
95	Magnetic-Field Tuning of Light-Induced Superconductivity in Striped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>La</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn><m Physical Review Letters, 2018, 121, 267003.	7.8	21
96	Phase diagram of Bi2Sr2CaCu2O8+Î´ revisited. Nature Communications, 2018, 9, 5210.	12.8	43
97	Low-energy antiferromagnetic spin fluctuations limit the coherent superconducting gap in cuprates. Physical Review B, 2018, 98, .	3.2	21
98	Continuous doping of a cuprate surface: Insights from in situ angle-resolved photoemission. Physical Review B, 2018, 98, .	3.2	17
99	Superconducting and normal-state anisotropy of the doped topological insulator Sr0.1Bi2Se3. Scientific Reports, 2018, 8, 7666.	3.3	39
100	Raman and ARPES combined study on the connection between the existence of the pseudogap and the topology of the Fermi surface in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2 mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>8</mml:mn><mml:mo>+</mml:mo><mml:mi>Î´</mml:mi></mml:mrow></m Physical Review B, 2018, 97, .	3.2	12
101	Light-induced new collective modes in the superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mrow Physical Review B, 2018, 98, .	3.2	20
102	Evolution of a Novel Ribbon Phase in Optimally Doped Bi₂Sr₂CaCu₂O_{8+Î´} at High Pressure and Its Implication to High-T_C Superconductivity. Journal of Physical Chemistry Letters, 2018, 9, 4182-4188.	4.6	4
103	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>2</mml:mn><mml:msub><mml:mi mathvariant="normal">Î”</mml:mi><mml:mo movablelimits="true" form="prefix">max</mml:mo></mml:msub><mml:mo>/</mml:mo><mml:msub><mml:mi>k</mml:mi><mml:mi>B</mml:mi></mml:m scaling decoupled from the electronic coherence in iron-based superconductors. Physical Review B, 2018, 98, .	3.2	16
104	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
105	Superconductorâ€“Insulator Transitions in Exfoliated Bi₂Sr₂CaCu₂O_{8+Î´} Flakes. Nano Letters, 2018, 18, 5660-5665.	9.1	50
106	Evidence for Majorana bound states in an iron-based superconductor. Science, 2018, 362, 333-335.	12.6	523
107	Electron and hole contributions to normal-state transport in the superconducting system <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sn</mml:mi><mml:mrow><mml:mn>1</mml:mn> Physical Review B, 2018, 98, .	3.2	13
108	Coexistence of superconductivity and short-range double-stripe spin correlations in Te-vapor annealed FeTe1â^’xSex (xâ‰0.2). Physical Review B, 2018, 97, .	3.2	8

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109	Unusual phonon density of states and response to the superconducting transition in the In-doped topological crystalline insulator <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Pb</mml:mi><mml:mrow><mml:mn>0.5< Physical Review B, 2018, 97, .	3.2	10
110	Superconducting proximity effect in a topological insulator using Fe(Te, Se). Physical Review B, 2018, 97, .	3.2	23
111	Identification of a New Form of Electron Coupling in the Bi2Sr2CaCu2O8 Superconductor by Laser-Based Angle-Resolved Photoemission Spectroscopy. Peking University-World Scientific Advanced Physics Series, 2018, , 239-248.	0.0	0
112	Spectroscopic evidence for bulk-band inversion and three-dimensional massive Dirac fermions in ZrTe ₅. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 816-821.	7.1	77
113	Structural phase transitions of (Bi_{1â^'x}Sb_x)₂(Te_{1â^'y}Se_y)₃ compounds under high pressure and the influence of the atomic radius on the compression processes of tetradymites. Physical Chemistry Chemical Physics, 2017, 19, 2207-2216.	2.8	18
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208	Local structure, stripe pinning, and superconductivity in La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1.875</mml:mn></mml:mrow></mml:msub></mml:math>Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.125</mml:mn></mml:mrow></mml:msub></mml:math>CuO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub></mml:math>	3.2	14
209	Enhanced charge stripe order of superconducting La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>CuO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub></mml:math>	3.2	21
210	Comparison of charge modulations in La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Ba<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>CuO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub></mml:math>	3.2	49
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218	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mn>1.875</mml:mn></mml:msub><mml:msub><mml:mi>Ba</mml:mi><mml:mn	7.8	45
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221	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.8</mml:mn></mml:mrow></mml:msub></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^’</mml:mo><mml:mi>y</mml:mi></mml:mrow></mml:msub></mml:math>Se	3.2	19
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