

Sung-Kwan Mo

List of Publications by Year in descending order

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191
papers

23,672
citations

19657

61
h-index

7348

152
g-index

194
all docs

194
docs citations

194
times ranked

19506
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation-driven electronic reconstruction in FeTe _{1-x} Sex. Communications Physics, 2022, 5, .	5.3	17
2	Electronic structure of superconducting nickelates probed by resonant photoemission spectroscopy. Matter, 2022, 5, 1806-1815.	10.0	15
3	Large-gap insulating dimer ground state in monolayer IrTe ₂ . Nature Communications, 2022, 13, 906.	12.8	11
4	Nonsymmorphic symmetry-protected band crossings in a square-net metal PtPb ₄ . Npj Quantum Materials, 2022, 7, .	5.2	10
5	Large Magnetic Gap in a Designer Ferromagnet-Topological Insulator-Ferromagnet Heterostructure. Advanced Materials, 2022, 34, e2107520.	21.0	17
6	Electronic structure of p-type transparent conducting oxide CuAlO ₂ . Current Applied Physics, 2022, 39, 107-112.	2.4	5
7	Observation of a smoothly tunable Dirac point in Ge _{1-x} Sn _x . Physical Review Materials, 2022, 6, .	2.4	5
8	Observation of dimension-crossover of a tunable 1D Dirac fermion in topological semimetal NbSixTe ₂ . Npj Quantum Materials, 2022, 7, .	5.2	7
9	Progress in Epitaxial Thin-Film Na ₃ Bi as a Topological Electronic Material. Advanced Materials, 2021, 33, e2005897.	21.0	18
10	Coherent Electronic Band Structure of TiTe ₂ /TiSe ₂ Moiré Bilayer. ACS Nano, 2021, 15, 3359-3364.	14.6	7
11	Anisotropic quasiparticle coherence in nematic BaFe ₂ As ₂ studied with strain-dependent ARPES. Physical Review B, 2021, 103, .	10.2	10
12	Inherited weak topological insulator signatures in the topological hourglass semimetal Nb ₃ Te ₂ .	10.2	10

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19	Band-selective gap opening by a C ₄ -symmetric order in a proximity-coupled heterostructure Sr ₂ VO ₃ FeAs. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2105190118.	7.1	1
20	Quasiparticle coherence in the nematic state of FeSe. Physical Review B, 2021, 104, .	3.2	6
21	Electronic structure of correlated topological insulator candidate YbB ₆ studied by photoemission and quantum oscillation. Chinese Physics B, 2020, 29, 017304.	1.4	1
22	Controlling the Magnetic Anisotropy of the van der Waals Ferromagnet Fe ₃ Ge ₂ through Hole Doping. Nano Letters, 2020, 20, 95-100.	9.1	118
23	Strong correlations and orbital texture in single-layer 1T-TaSe ₂ . Nature Physics, 2020, 16, 218-224.	16.7	126
24	Spectral weight reduction of two-dimensional electron gases at oxide surfaces across the ferroelectric transition. Scientific Reports, 2020, 10, 16834.	3.3	1
25	High-Quality SnSe ₂ Single Crystals: Electronic and Thermoelectric Properties. ACS Applied Energy Materials, 2020, 3, 10787-10792.	5.1	34
26	Charge Instability in Single-Layer TiTe ₂ Mediated by van der Waals Bonding to Substrates. Physical Review Letters, 2020, 125, 176405.	7.8	10
27	Emergence of quasiparticles in a doped Mott insulator. Communications Physics, 2020, 3, .	5.3	8
28	Three interaction energy scales in the single-layer high- T _c cuprate HgBa ₂ CuO ₄ + δ . Physical Review B, 2020, 102, .	3.2	4
29	A plausible method of preparing the ideal p-n junction interface of a thermoelectric material by surface doping. Applied Surface Science, 2020, 520, 146314.	6.1	3
30	Visualization of Multifractal Superconductivity in a Two-Dimensional Transition Metal Dichalcogenide in the Weak-Disorder Regime. Nano Letters, 2020, 20, 5111-5118.	9.1	40
31	Metallic surface states in a correlated d-electron topological Kondo insulator candidate FeSb ₂ . Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15409-15413.	7.1	15
32	Interplay of negative electronic compressibility and capacitance enhancement in lightly-doped metal oxide Bi _{0.95} La _{0.05} FeO ₃ by quantum capacitance model. Scientific Reports, 2020, 10, 5153.	3.3	5
33	Magnetotransport and electronic structure of the antiferromagnetic semimetal YbAs. Physical Review B, 2020, 101, .	3.2	6
34	Electronic structure and spatial inhomogeneity of iron-based superconductor FeS. Chinese Physics B, 2020, 29, 047401.	1.4	4
35	Dimensionality-Mediated Semimetal-Semiconductor Transition in Ultrathin PtTe_2 Films. Physical Review Letters, 2020, 124, 036402.	7.8	54
36	Electronic Band Structure of In-Plane Ferroelectric van der Waals In_2Se_3 . ACS Applied Electronic Materials, 2020, 2, 213-219.	4.3	26

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37	The nature of ferromagnetism in the chiral helimagnet Cr _{1/3} NbS ₂ . Communications Physics, 2020, 3, .	5.3	17
38	Momentum Dependence of the Nematic Order Parameter in Iron-Based Superconductors. Physical Review Letters, 2019, 123, 066402.	7.8	41
39	Manipulating Topological Domain Boundaries in the Single-Layer Quantum Spin Hall Insulator 1Tâ€²â€“WSe ₂ . Nano Letters, 2019, 19, 5634-5639.	9.1	30
40	Identifying substitutional oxygen as a prolific point defect in monolayer transition metal dichalcogenides. Nature Communications, 2019, 10, 3382.	12.8	196
41	Magnetic Weyl semimetal phase in a KagomÃ© crystal. Science, 2019, 365, 1282-1285.	12.6	518
42	Band-Resolved Imaging of Photocurrent in a Topological Insulator. Physical Review Letters, 2019, 122, 167401.	7.8	55
43	Doping dependence of the magnitude of fluctuating spin moments in the normal state of the pnictide superconductor Sr(Fe _{1-<i>x</i>} Cox) ₂ As ₂ inferred from photoemission spectroscopy. Physical Review B, 2019, 99, .	3.2	0
44	Strong spin-orbit coupling and Dirac nodal lines in the three-dimensional electronic structure of metallic rutile IrO_2 . Physical Review B, 2019, 99, .	3.2	18
45	Electronic structure of the quadrupolar ordered heavy-fermion compound YbRu ₂ Ge ₂ measured by angle-resolved photoemission. Physical Review B, 2019, 99, .	3.2	3
46	Spectroscopic Evidence for Electron-Boson Coupling in Electron-Doped Sr_2VO_4 . Physical Review Letters, 2019, 123, 216402.	7.8	13
47	Nematic Energy Scale and the Missing Electron Pocket in FeSe. Physical Review X, 2019, 9, .	8.9	66
48	Detailed band structure of twinned and detwinned BaFe_2As_2 studied with angle-resolved photoemission spectroscopy. Physical Review B, 2019, 99, .	3.2	28
49	f and d states in the heavy-fermion system YbRh_2Si_2 . Physical Review B, 2018, 97, .	3.2	12
50	Monochromatic Photocathodes from Graphene-Stabilized Diamondoids. Nano Letters, 2018, 18, 1099-1103.	9.1	8
51	Gapped electronic structure of epitaxial stanene on InSb(111). Physical Review B, 2018, 97, .	3.2	91
52	Persistent Charge-Density-Wave Order in Single-Layer TaSe ₂ . Nano Letters, 2018, 18, 689-694.	9.1	108
53	Electronic structure of monolayer 1Tâ€²-MoTe ₂ grown by molecular beam epitaxy. APL Materials, 2018, 6, .	5.1	44
54	Unique Gap Structure and Symmetry of the Charge Density Wave in Single-Layer VSe_2 . Physical Review Letters, 2018, 121, 196402.	7.8	139

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55	Anisotropic Dirac Fermions in BaMnBi ₂ and BaZnBi ₂ . Scientific Reports, 2018, 8, 15322.	3.3	14
56	Electric-field-tuned topological phase transition in ultrathin Na ₃ Bi. Nature, 2018, 564, 390-394.	27.8	155
57	Rapid change of superconductivity and electron-phonon coupling through critical doping in Bi-2212. Science, 2018, 362, 62-65.	12.6	98
58	Experimental Observation of Hidden Berry Curvature in Inversion-Symmetric Bulk $2H$. Physical Review Letters, 2018, 121, 186401.	7.8	48
59	Spectral Evidence for Emergent Order in $BaMn_2Sb_2$. Physical Review Letters, 2018, 121, 127001.	7.8	11
60	Emergence of Kondo Resonance in Graphene Intercalated with Cerium. Nano Letters, 2018, 18, 3661-3666.	9.1	14
61	Direct observation of strain-induced orbital valence band splitting in $HfSe_2$ by sodium intercalation. Physical Review B, 2018, 97, .	2.4	16
62	Observation of topologically protected states at crystalline phase boundaries in single-layer WSe ₂ . Nature Communications, 2018, 9, 3401.	12.8	107
63	Observation of topological surface states and strong electron/hole imbalance in extreme magnetoresistance compound LaBi. Physical Review Materials, 2018, 2, .	2.4	16
64	Experimental and theoretical electronic structure and symmetry effects in ultrathin NbSe ₂ films. Physical Review Materials, 2018, 2, .	2.4	11
65	Gapped Nearly Free-Standing Graphene on an SiC(0001) Substrate Induced by Manganese Atoms. Applied Science and Convergence Technology, 2018, 27, 90-94.	0.9	2
66	Signature of type-II Weyl semimetal phase in MoTe ₂ . Nature Communications, 2017, 8, 13973.	12.8	358
67	Ubiquitous strong electron-phonon coupling at the interface of FeSe/SrTiO ₃ . Nature Communications, 2017, 8, 14468.	12.8	51
68	Ultrafast extreme-ultraviolet ARPES studies of electronic dynamics in two-dimensional materials. Proceedings of SPIE, 2017, , .	0.8	1
69	Angle-resolved photoemission spectroscopy for the study of two-dimensional materials. Nano Convergence, 2017, 4, .	12.1	41
70	Lifshitz Transitions Induced by Temperature and Surface Doping in Type-II Weyl Semimetal Candidate Td_2Te . Physica Status Solidi - Rapid Research Letters, 2017, 11, 1700209.	2.4	14
71	Emergence of charge density waves and a pseudogap in single-layer TiTe ₂ . Nature Communications, 2017, 8, 516.	12.8	90
72	Temperature-Dependent Electron-Phonon Interaction in Graphene on SrTiO ₃ . Nano Letters, 2017, 17, 5914-5918.	9.1	17

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73	Stripes developed at the strong limit of nematicity in FeSe film. Nature Physics, 2017, 13, 957-961.	16.7	35
74	Observation of nodal line in non-symmorphic topological semimetal InBi. New Journal of Physics, 2017, 19, 065007.	2.9	51
75	Hole doping, hybridization gaps, and electronic correlation in graphene on a platinum substrate. Nanoscale, 2017, 9, 11498-11503.	5.6	8
76	Large thermopower from dressed quasiparticles in the layered cobaltates and rhodates. Physical Review B, 2017, 96, .	3.2	11
77	How Indium Nitride Senses Water. Nano Letters, 2017, 17, 7339-7344.	9.1	18
78	Observation of the topological surface state in the nonsymmorphic topological insulator KHgSb. Physical Review B, 2017, 96, .	3.2	21
79	Quantum spin Hall state in monolayer 1T'-WTe ₂ . Nature Physics, 2017, 13, 683-687.	16.7	596
80	Elemental Topological Dirac Semimetal: $\hat{\Gamma}_{\pm}$ -Sn on InSb(111). Physical Review Letters, 2017, 118, 146402.	7.8	98
81	Three-dimensional nature of the band structure of $ZrTe_5$ measured by high-momentum-resolution photoemission spectroscopy. Physical Review B, 2017, 95, .	3.3	2
82	ARPES study of the epitaxially grown topological crystalline insulator SnTe(111). Journal of Electron Spectroscopy and Related Phenomena, 2017, 219, 35-40.	1.7	8
83	Temperature-modulated electronic structure of graphene on SiC: Possible roles of electron-electron interaction and strain. Applied Physics Letters, 2017, 111, 231603.	3.3	2
84	Evolution of the Valley Position in Bulk Transition-Metal Chalcogenides and Their Monolayer Limit. Nano Letters, 2016, 16, 4738-4745.	9.1	80
85	Raman and fluorescence characteristics of resonant inelastic X-ray scattering from doped superconducting cuprates. Scientific Reports, 2016, 6, 19657.	3.3	32
86	Nearly-free-electron system of monolayer Na on the surface of single-crystal $HfSe_2$. Physical Review B, 2016, 94, .	3.3	11
87	Magnetic effects in sulfur-decorated graphene. Scientific Reports, 2016, 6, 21460.	3.3	11
88	Nonrigid band shift and nonmonotonic electronic structure changes upon doping in the normal state of the pnictide high-temperature superconductor $FeAs_xP_{1-x}$		

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91	Observation of unusual topological surface states in half-Heusler compounds LnPtBi (Ln=Lu, Y). Nature Communications, 2016, 7, 12924.	12.8	114
92	Charge density wave order in 1D mirror twin boundaries of single-layer MoSe ₂ . Nature Physics, 2016, 12, 751-756.	16.7	209
93	Superconducting Gap Anisotropy in Monolayer FeSe Thin Film. Physical Review Letters, 2016, 117, 117001.	7.8	93
94	Distinctive orbital anisotropy observed in the nematic state of a FeSe thin film. Physical Review B, 2016, 94, .	3.2	80
95	Spin-resolved photoemission study of epitaxially grown MoSe ₂ and WSe ₂ thin films. Journal of Physics Condensed Matter, 2016, 28, 454001.	1.8	30
96	Selenium capped monolayer NbSe ₂ for two-dimensional superconductivity studies. Physica Status Solidi (B): Basic Research, 2016, 253, 2396-2399.	1.5	17
97	Electronic structure of the chiral helimagnet and transition metal dichalcogenide	3.2	39
98	Enhanced superconductivity in surface-electron-doped iron pnictide Ba(Fe _{1.94} Co _{0.06}) ₂ As ₂ . Nature Materials, 2016, 15, 1233-1236.	27.5	17
99	Dimensional Effects on the Charge Density Waves in Ultrathin Films of TiSe ₂ . Nano Letters, 2016, 16, 6331-6336.	9.1	61
100	Origin of the low critical observing temperature of the quantum anomalous Hall effect in V-doped (Bi, Sb) ₂ Te ₃ film. Scientific Reports, 2016, 6, 32732.	3.3	42
101	Hidden Order and Dimensional Crossover of the Charge Density Waves in TiSe ₂ . Scientific Reports, 2016, 6, 37910.	3.3	40
102	Electronic Structure, Surface Doping, and Optical Response in Epitaxial WSe ₂ Thin Films. Nano Letters, 2016, 16, 2485-2491.	9.1	147
103	Evolution of the Fermi surface of Weyl semimetals in the transition metal pnictide family. Nature Materials, 2016, 15, 27-31.	27.5	245
104	Characterization of collective ground states in single-layer NbSe ₂ . Nature Physics, 2016, 12, 92-97.	16.7	536
105	Possible role of bonding angle and orbital mixing in iron pnictide superconductivity: Comparative electronic structure studies of LiFeAs and Sr ₂ VO ₃ FeAs. Physical Review B, 2015, 92, .	3.2	9
106	Magnetic excitations and phonons simultaneously studied by resonant inelastic x-ray scattering in optimally doped Bi _{1.5} Te ₃	3.2	28
107	Electron-phonon coupling in a system with broken symmetry: Surface of Be ₁₀₀₀₁	3.2	1001
108	Monolayer charge-neutral graphene on platinum with extremely weak electron-phonon coupling. Physical Review B, 2015, 92, .	3.2	12

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109	Mott localization in a pure stripe antiferromagnet S_{Rb}^2 . Physical Review B, 2015, 92, .	3.2	12
110	Experimental observation of incoherent-coherent crossover and orbital-dependent band renormalization in iron chalcogenide superconductors. Physical Review B, 2015, 92, .	3.2	46
111	Bandwidth and Electron Correlation-Tuned Superconductivity in $\text{Rb}_{0.8}\text{Fe}_2(\text{Se}_{1-x}\text{S}_x)_2$. Physical Review Letters, 2015, 115, 256403.	7.8	16
112	Charge density wave transition in single-layer titanium diselenide. Nature Communications, 2015, 6, 8943.	12.8	208
113	Fermi Arcs vs. Fermi Pockets in Electron-doped Perovskite Iridates. Scientific Reports, 2015, 5, 8533.	3.3	18
114	Observation of universal strong orbital-dependent correlation effects in iron chalcogenides. Nature Communications, 2015, 6, 7777.	12.8	148
115	Observation of the intrinsic bandgap behaviour in as-grown epitaxial twisted graphene. Nature Communications, 2015, 6, 5677.	12.8	41
116	Interface Ferroelectric Transition near the Gap-Opening Temperature in a Single-Unit-Cell FeSe Film Grown on Nb-Doped SrTiO_3 Substrate. Physical Review Letters, 2015, 114, 037002.	7.8	23
117	Soft X-ray angle-resolved photoemission with micro-positioning techniques for metallic V_2O_3 . Journal of Synchrotron Radiation, 2015, 22, 776-780.	2.4	6
118	Inequivalence of Single-Particle and Population Lifetimes in a Cuprate Superconductor. Physical Review Letters, 2015, 114, 247001.	7.8	49
119	Spectroscopic evidence for negative electronic compressibility in a quasi-three-dimensional spin-orbit correlated metal. Nature Materials, 2015, 14, 577-582.	27.5	43
120	Probing the Role of Interlayer Coupling and Coulomb Interactions on Electronic Structure in Few-Layer MoSe_2 Nanostructures. Nano Letters, 2015, 15, 2594-2599.	9.1	136
121	Negative electronic compressibility and tunable spin splitting in WSe_2 . Nature Nanotechnology, 2015, 10, 1043-1047.	31.5	85
122	Weyl semimetal phase in the non-centrosymmetric compound TaAs. Nature Physics, 2015, 11, 728-732.	16.7	796
123	Orbital character and electron correlation effects on two- and three-dimensional Fermi surfaces in KFe_2As_2 revealed by angle-resolved photoemission spectroscopy. Frontiers in Physics, 2014, 2, .	2.1	39
124	Molecular beam epitaxial growth of a three-dimensional topological Dirac semimetal Na_3Bi . Applied Physics Letters, 2014, 105, .	3.3	31
125	Electronic structure of BaNi_2S_2 by angle-resolved photoemission spectroscopy. Physical Review B, 2014, 89, .	2.1	12
126	Quasiparticle dynamics and spin-orbit texture of the SrTiO_3 two-dimensional electron gas. Nature Communications, 2014, 5, 3414.	12.8	142

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127	Superconducting graphene sheets in CaC ₆ enabled by phonon-mediated interband interactions. Nature Communications, 2014, 5, 3493.	12.8	91
128	Dynamic competition between spin-density wave order and superconductivity in underdoped Ba _{1-x} K _x Fe ₂ As ₂ . Nature Communications, 2014, 5, 3711.	12.8	38
129	A stable three-dimensional topological Dirac semimetal Cd ₃ As ₂ . Nature Materials, 2014, 13, 677-681.	27.5	1,242
130	Electronic Structure of a Quasi-Freestanding MoS ₂ Monolayer. Nano Letters, 2014, 14, 1312-1316.	9.1	144
131	Direct observation of the transition from indirect to direct bandgap in atomically thin epitaxial MoSe ₂ . Nature Nanotechnology, 2014, 9, 111-115.	31.5	1,129
132	Discovery of a Three-Dimensional Topological Dirac Semimetal, Na ₃ Bi. Science, 2014, 343, 864-867.	12.6	1,889
133	Interfacial mode coupling as the origin of the enhancement of T _c in FeSe films on SrTiO ₃ . Nature, 2014, 515, 245-248.	27.8	567
134	Direct observation of bulk charge modulations in optimally doped Bi _{1-x} O _x . Physical Review B, 2014, 89, .	3.2	60
135	Giant bandgap renormalization and excitonic effects in a monolayer transition metal dichalcogenide semiconductor. Nature Materials, 2014, 13, 1091-1095.	27.5	1,470
136	Mapping the orbital wavefunction of the surface states in three-dimensional topological insulators. Nature Physics, 2013, 9, 499-504.	16.7	118
137	Discovery of a single topological Dirac fermion in the strong inversion asymmetric compound BiTeCl. Nature Physics, 2013, 9, 704-708.	16.7	72
138	Electronic structure of the metallic antiferromagnet PdCrO ₂ measured by angle-resolved photoemission spectroscopy. Physical Review B, 2013, 88, .	3.2	32
139	Metal insulator transition characteristics of macro-size single domain VO ₂ crystals. Phase Transitions, 2013, 86, 941-946.	1.3	4
140	Observation of Temperature-Induced Crossover to an Orbital-Selective Mott Phase in A _x Fe ₂		

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145	Anomalous change in dielectric constant of CaCu ₃ Ti ₄ O ₁₂ under violet-to-ultraviolet irradiation. Applied Physics Letters, 2013, 102, .	3.3	25
146	Broken relationship between superconducting pairing interaction and electronic dispersion kinks in La _{2-x} Ce _x VO ₄ . Physical Review Letters, 2012, 108, 117602, .	3.2	12
147	Role of joule heating effect and bulk-surface phases in voltage-driven metal-insulator transition in VO ₂ crystal. Applied Physics Letters, 2013, 103, .	3.3	59
148	Emerging coherence with unified energy, temperature, and lifetime scale in heavy fermion YbRh ₂ Si. Physical Review Letters, 2012, 108, 117602, .	3.2	28
149	Upgrade of the beamline 10.0.1 at the advanced light source. Proceedings of SPIE, 2012, , .	0.8	3
150	Phase competition in trisected superconducting dome. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18332-18337.	7.1	222
151	Controlling the carriers of topological insulators by bulk and surface doping. Semiconductor Science and Technology, 2012, 27, 124002.	2.0	41
152	Subband Structure of a Two-Dimensional Electron Gas Formed at the Polar Surface of the Strong Spin-Orbit Perovskite KTaO ₃ . Physical Review Letters, 2012, 108, 117602, .	7.8	173
153	Subband structure of a two-dimensional electron gas formed at the polar surface of the strong spin-orbit perovskite Pb _{1-x} Sr _x VO ₄ . Physical Review Letters, 2012, 108, 117602, .	3.2	12
154	Fermi velocity engineering in graphene by substrate modification. Scientific Reports, 2012, 2, .	3.3	344
155	Robust topological surface state against direct surface contamination. Physica E: Low-Dimensional Systems and Nanostructures, 2012, 44, 891-894.	2.7	19
156	Ambipolar field effect in the ternary topological insulator (Bi _{1-x} Sb _x) ₂ Te ₃ by composition tuning. Nature Nanotechnology, 2011, 6, 705-709.	31.5	345
157	From a Single-Band Metal to a High-Temperature Superconductor via Two Thermal Phase Transitions. Science, 2011, 331, 1579-1583.	12.6	292
158	Creation and control of a two-dimensional electron liquid at the bare SrTiO ₃ surface. Nature Materials, 2011, 10, 114-118.	27.5	448
159	Doping dependence of the ($\tilde{\epsilon}$, $\tilde{\epsilon}$) shadow band in La-based cuprates studied by angle-resolved photoemission spectroscopy. New Journal of Physics, 2011, 13, 013031.	2.9	19
160	Nonpercolative metal-insulator transition in VO ₂ single crystals. Physical Review B, 2011, 84, .	3.2	39
161	Nonpercolative metal-insulator transition in VO ₂ in the Mott transition of V ₂ O ₃ . Physical Review B, 2011, 84, .	3.2	27
162	High-energy anomaly in Nd _{2-x} Ce _x CuO ₄ investigated by angle-resolved photoemission spectroscopy and quantum Monte Carlo simulations. Physical Review B, 2011, 83, .	3.2	8

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163	Hidden Itinerant-Spin Phase in Heavily Overdoped $\text{La}_{2-x}\text{Ce}_x\text{CuO}_4$ Revealed by Dilute Fe Doping: A Combined Neutron Scattering and Angle-Resolved Photoemission Study. <i>Physical Review Letters</i> , 2011, 107, 127002.	7.8	27
164	Symmetry-breaking orbital anisotropy observed for detwinned $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)\text{Tl}$. <i>Physical Review Letters</i> , 2011, 106, 077201. the National Academy of Sciences of the United States of America, 2011, 108, 6878-6883.	7.1	464
165	ARPES studies of cuprate Fermiology: superconductivity, pseudogap and quasiparticle dynamics. <i>New Journal of Physics</i> , 2010, 12, 105008.	2.9	110
166	Strong energy-momentum dispersion of phonon-dressed carriers in the lightly doped band insulator SrTiO_3 . <i>New Journal of Physics</i> , 2010, 12, 023004.	2.9	55
167	Massive Dirac Fermion on the Surface of a Magnetically Doped Topological Insulator. <i>Science</i> , 2010, 329, 659-662.	12.6	1,051
168	Single Dirac Cone Topological Surface State and Unusual Thermoelectric Property of Compounds from a New Topological Insulator Family. <i>Physical Review Letters</i> , 2010, 105, 266401.	7.8	195
169	Unconventional electronic reconstruction in undoped BaBiO_3 the spin density wave transition. <i>Physical Review B</i> , 2009, 80, .	3.2	134
170	Electronic structure of the BaFe_2As_2 of iron-pnictide superconductors. <i>Physical Review B</i> , 2009, 80, .	2.2	116
171	Quantum Critical Scaling in the Single-Particle Spectrum of a Novel Anisotropic Metal. <i>Physical Review Letters</i> , 2009, 103, 136401.	7.8	24
172	Energy gaps in the failed high- T_c superconductor $\text{La}_{1.875}\text{Ba}_{0.125}\text{CuO}_4$. <i>Nature Physics</i> , 2009, 5, 119-123.	16.7	94
173	ARPES studies of the electronic structure of $\text{LaOFe}(\text{P},\text{As})$. <i>Physica C: Superconductivity and Its Applications</i> , 2009, 469, 452-458.	1.2	67
174	Experimental Realization of a Three-Dimensional Topological Insulator, Bi_2Te_3 . <i>Science</i> , 2009, 325, 178-181.	12.6	3,095
175	New Luttinger-liquid physics from angle-resolved photoemission on a paradigm material. <i>Physica B: Condensed Matter</i> , 2008, 403, 1490-1493.	2.7	4
176	Electronic structure of the iron-based superconductor LaOFeP . <i>Nature</i> , 2008, 455, 81-84. Extracting the spectral function of the cuprates by a full two-dimensional analysis: Angle-resolved photoemission spectra of Bi_2Te_3	27.8	279
177	Angle-resolved photoemission spectra of Bi_2Te_3 and $\text{Sr}_2\text{Te}_2\text{O}_7$	3.2	26
178	New Luttinger-Liquid Physics from Photoemission on $\text{Li}_0.9\text{Mo}_6\text{O}_{17}$. <i>Physical Review Letters</i> , 2006, 96, 196403.	7.8	65
179	Case for bulk nature of spectroscopic Luttinger liquid signatures observed in angle-resolved photoemission spectra of $\text{Li}_0.9\text{Mo}_6\text{O}_{17}$. <i>Physical Review B</i> , 2006, 74, .	3.2	14
180	Photoemission study of $(\text{V}_{1-x}\text{M}_x)_2\text{O}_3$ ($\text{M}=\text{Cr},\text{Ti}$). <i>Physical Review B</i> , 2006, 74, .	3.2	53

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181	Static versus dynamical mean-field theory of Mott antiferromagnets. <i>Physical Review B</i> , 2006, 73, .	3.2	74
182	Two aspects of the Mott-Hubbard transition in Cr-doped. <i>Physica B: Condensed Matter</i> , 2005, 359-361, 642-644.	2.7	4
183	Hidden one-dimensional electronic structure and non-Fermi-liquid angle-resolved photoemission line shapes of Mo_4O_{11} . <i>Physical Review B</i> , 2005, 72, .	3.2	10
184	Full orbital calculation scheme for materials with strongly correlated electrons. <i>Physical Review B</i> , 2005, 71, .	3.2	262
185	Filling of the Mott-Hubbard Gap in the High Temperature Photoemission Spectrum of $(\text{V}_{0.972}\text{Cr}_{0.028})\text{VO}_3$. <i>Physical Review Letters</i> , 2004, 93, 076404.	7.8	31
186	Luttinger liquid angle-resolved photoemission line shapes from samples of $\text{Li}_{0.9}\text{Mo}_6\text{O}_{17}$ grown by the temperature-gradient-flux technique. <i>Physical Review B</i> , 2004, 70, .	3.2	15
187	Distortion of V 3d line shape due to Auger emission in resonant photoemission spectra of $(\text{V}_{1-x}\text{Cr}_x)\text{VO}_3$ at the V $2p \rightarrow 3d$ absorption edge. <i>Physica B: Condensed Matter</i> , 2004, 351, 235-239.	2.7	3
188	Prominent Quasiparticle Peak in the Photoemission Spectrum of the Metallic Phase of V_2O_3 . <i>Physical Review Letters</i> , 2003, 90, 186403.	7.8	143
189	Absence of X-Point Band Overlap in Divalent Hexaborides and Variability of the Surface Chemical Potential. <i>Journal of the Physical Society of Japan</i> , 2002, 71, 1-4.	1.6	16
190	ARPES study of X-point band overlaps in LaB_6 and SmB_6 – contrast to SrB_6 and EuB_6 . <i>Physica B: Condensed Matter</i> , 2002, 312-313, 668-669.	2.7	10
191	Nematic Fluctuations in the Non-Superconducting Iron Pnictide $\text{BaFe}_{1.9-x}\text{Ni}_{0.1}\text{Cr}_x\text{As}_2$. <i>Frontiers in Physics</i> , 0, 10, .	2.1	2