

Sung-Kwan Mo

List of Publications by Year in descending order

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191
papers

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citations

19657

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194
all docs

194
docs citations

194
times ranked

19506
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Realization of a Three-Dimensional Topological Insulator, Bi_2Te_3 . Science, 2009, 325, 178-181.	12.6	3,095
2	Discovery of a Three-Dimensional Topological Dirac Semimetal, Na_3Bi . Science, 2014, 343, 864-867.	12.6	1,889
3	Giant bandgap renormalization and excitonic effects in a monolayer transition metal dichalcogenide semiconductor. Nature Materials, 2014, 13, 1091-1095.	27.5	1,470
4	A stable three-dimensional topological Dirac semimetal Cd_3As_2 . Nature Materials, 2014, 13, 677-681.	27.5	1,242
5	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
6	Massive Dirac Fermion on the Surface of a Magnetically Doped Topological Insulator. Science, 2010, 329, 659-662.	12.6	1,051
7	Weyl semimetal phase in the non-centrosymmetric compound TaAs . Nature Physics, 2015, 11, 728-732.	16.7	796
8	Quantum spin Hall state in monolayer $1\text{T}'\text{-WTe}_2$. Nature Physics, 2017, 13, 683-687.	16.7	596
9	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
10	Characterization of collective ground states in single-layer NbSe_2 . Nature Physics, 2016, 12, 92-97.	16.7	536
11	Magnetic Weyl semimetal phase in a Kagomé crystal. Science, 2019, 365, 1282-1285.	12.6	518
12	Symmetry-breaking orbital anisotropy observed for detwinned $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)\text{Tl}$. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6878-6883.	7.1	464
13	Creation and control of a two-dimensional electron liquid at the bare SrTiO_3 surface. Nature Materials, 2011, 10, 114-118.	27.5	448
14	Signature of type-II Weyl semimetal phase in MoTe_2 . Nature Communications, 2017, 8, 13973.	12.8	358
15	Ambipolar field effect in the ternary topological insulator $(\text{Bi}_x\text{Sb}_{1-x})_2\text{Te}_3$ by composition tuning. Nature Nanotechnology, 2011, 6, 705-709.	31.5	345
16	Fermi velocity engineering in graphene by substrate modification. Scientific Reports, 2012, 2, .	3.3	344
17	From a Single-Band Metal to a High-Temperature Superconductor via Two Thermal Phase Transitions. Science, 2011, 331, 1579-1583.	12.6	292
18	Electronic structure of the iron-based superconductor LaOFeP . Nature, 2008, 455, 81-84.	27.8	279

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19	Full orbital calculation scheme for materials with strongly correlated electrons. Physical Review B, 2005, 71, .	3.2	262
20	Evolution of the Fermi surface of Weyl semimetals in the transition metal pnictide family. Nature Materials, 2016, 15, 27-31.	27.5	245
21	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
22	Charge density wave order in 1D mirror twin boundaries of single-layer MoSe2. Nature Physics, 2016, 12, 751-756.	16.7	209
23	Charge density wave transition in single-layer titanium diselenide. Nature Communications, 2015, 6, 8943.	12.8	208
24	Identifying substitutional oxygen as a prolific point defect in monolayer transition metal dichalcogenides. Nature Communications, 2019, 10, 3382.	12.8	196
25	Single Dirac Cone Topological Surface State and Unusual Thermoelectric Property of Compounds from a New Topological Insulator Family. Physical Review Letters, 2010, 105, 266401.	7.8	195
26	Observation of Temperature-Induced Crossover to an Orbital-Selective Mott Phase in $A_xM_{1-x}Fe_2$		

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37	Strong correlations and orbital texture in single-layer 1T-TaSe ₂ . Nature Physics, 2020, 16, 218-224.	16.7	126
38	Mapping the orbital wavefunction of the surface states in three-dimensional topological insulators. Nature Physics, 2013, 9, 499-504.	16.7	118
39	Controlling the Magnetic Anisotropy of the van der Waals Ferromagnet Fe ₃ GeTe ₂ through Hole Doping. Nano Letters, 2020, 20, 95-100.	9.1	118
40	Electronic structure of the BaFe_2As_2 of iron-pnictide superconductors. Physical Review B, 2009, 80, .	2.2	116
41	Observation of unusual topological surface states in half-Heusler compounds LnPtBi (Ln=Lu, Y). Nature Communications, 2016, 7, 12924.	12.8	114
42	ARPES studies of cuprate Fermiology: superconductivity, pseudogap and quasiparticle dynamics. New Journal of Physics, 2010, 12, 105008.	2.9	110
43	Persistent Charge-Density-Wave Order in Single-Layer TaSe ₂ . Nano Letters, 2018, 18, 689-694.	9.1	108
44	Observation of topologically protected states at crystalline phase boundaries in single-layer WSe ₂ . Nature Communications, 2018, 9, 3401.	12.8	107
45	Elemental Topological Dirac Semimetal: mi^{\pm} -Sn on InSb(111). Physical Review Letters, 2017, 118, 146402.	7.8	98
46	Rapid change of superconductivity and electron-phonon coupling through critical doping in Bi-2212. Science, 2018, 362, 62-65.	12.6	98
47	Energy gaps in the failed high-T _c superconductor La _{1.875} Ba _{0.125} CuO ₄ . Nature Physics, 2009, 5, 119-123.	16.7	94
48	Superconducting Gap Anisotropy in Monolayer FeSe Thin Film. Physical Review Letters, 2016, 117, 117001.	7.8	93
49	Superconducting graphene sheets in CaC ₆ enabled by phonon-mediated interband interactions. Nature Communications, 2014, 5, 3493.	12.8	91
50	Gapped electronic structure of epitaxial stanene on InSb(111). Physical Review B, 2018, 97, .	3.2	91
51	Emergence of charge density waves and a pseudogap in single-layer TiTe ₂ . Nature Communications, 2017, 8, 516.	12.8	90
52	Negative electronic compressibility and tunable spin splitting in WSe ₂ . Nature Nanotechnology, 2015, 10, 1043-1047.	31.5	85
53	Evolution of the Valley Position in Bulk Transition-Metal Chalcogenides and Their Monolayer Limit. Nano Letters, 2016, 16, 4738-4745.	9.1	80
54	Distinctive orbital anisotropy observed in the nematic state of a FeSe thin film. Physical Review B, 2016, 94, .	3.2	80

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55	Distinct Electronic Structure for the Extreme Magnetoresistance in YSb. Physical Review Letters, 2016, 117, 267201.	7.8	77
56	Static versus dynamical mean-field theory of Mott antiferromagnets. Physical Review B, 2006, 73, .	3.2	74
57	Three-dimensional nature of the band structure of ZrTe_5 measured by high-momentum-resolution photoemission spectroscopy. Physical Review B, 2017, 95, .		
58	Evidence for quantum spin liquid behaviour in single-layer 1T-TaSe ₂ from scanning tunnelling microscopy. Nature Physics, 2021, 17, 1154-1161.	16.7	74
59	Discovery of a single topological Dirac fermion in the strong inversion asymmetric compound BiTeCl. Nature Physics, 2013, 9, 704-708.	16.7	72
60	ARPES studies of the electronic structure of LaOFe(P,As). Physica C: Superconductivity and Its Applications, 2009, 469, 452-458.	1.2	67
61	Nematic Energy Scale and the Missing Electron Pocket in FeSe. Physical Review X, 2019, 9, .	8.9	66
62	New Luttinger-Liquid Physics from Photoemission on Li _{0.9} Mo ₆ O ₁₇ . Physical Review Letters, 2006, 96, 196403.	7.8	65
63	Dimensional Effects on the Charge Density Waves in Ultrathin Films of TiSe ₂ . Nano Letters, 2016, 16, 6331-6336.	9.1	61
64	Direct observation of bulk charge modulations in optimally doped Bi_2O_8 . Physical Review B, 2014, 89, .	3.2	60
65	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
66	Strong energy-momentum dispersion of phonon-dressed carriers in the lightly doped band insulator SrTiO ₃ . New Journal of Physics, 2010, 12, 023004.	2.9	55
67	Band-Resolved Imaging of Photocurrent in a Topological Insulator. Physical Review Letters, 2019, 122, 167401.	7.8	55
68	Dimensionality-Mediated Semimetal-Semiconductor Transition in Ultrathin PtTe_2 Films. Physical Review Letters, 2020, 124, 036402.	7.8	54
69	Photoemission study of $(\text{V}_{1-x}\text{M}_x)_2\text{O}_3$ (M=Cr,Ti). Physical Review B, 2006, 74, .	3.2	53
70	Ubiquitous strong electron-phonon coupling at the interface of FeSe/SrTiO ₃ . Nature Communications, 2017, 8, 14468.	12.8	51
71	Observation of nodal line in non-symmorphic topological semimetal InBi. New Journal of Physics, 2017, 19, 065007.	2.9	51
72	Inequivalence of Single-Particle and Population Lifetimes in a Cuprate Superconductor. Physical Review Letters, 2015, 114, 247001.	7.8	49

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73	Experimental Observation of Hidden Berry Curvature in Inversion-Symmetric Bulk 2H Physical Review Letters, 2018, 121, 186401.	7.8	48
74	Measurement of Coherent Polarons in the Strongly Coupled Antiferromagnetically Ordered Iron-Chalcogenide 1.02FeTe using Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2013, 110, 037003.	7.8	46
75	Experimental observation of incoherent-coherent crossover and orbital-dependent band renormalization in iron chalcogenide superconductors. Physical Review B, 2015, 92, .	3.2	46
76	Electronic structure of monolayer $1\text{Tâ€}^2\text{-MoTe}_2$ grown by molecular beam epitaxy. APL Materials, 2018, 6, .	5.1	44
77	Spectroscopic evidence for negative electronic compressibility in a quasi-three-dimensional spinâ€™orbit correlated metal. Nature Materials, 2015, 14, 577-582.	27.5	43
78	Observation of topological superconductivity in a stoichiometric transition metal dichalcogenide 2M-WS_2 . Nature Communications, 2021, 12, 2874.	12.8	43
79	Origin of the low critical observing temperature of the quantum anomalous Hall effect in $\text{V-doped (Bi, Sb)}_2\text{Te}_3$ film. Scientific Reports, 2016, 6, 32732.	3.3	42
80	Controlling the carriers of topological insulators by bulk and surface doping. Semiconductor Science and Technology, 2012, 27, 124002.	2.0	41
81	Observation of the intrinsic bandgap behaviour in as-grown epitaxial twisted graphene. Nature Communications, 2015, 6, 5677.	12.8	41
82	Angle-resolved photoemission spectroscopy for the study of two-dimensional materials. Nano Convergence, 2017, 4, .	12.1	41
83	Momentum Dependence of the Nematic Order Parameter in Iron-Based Superconductors. Physical Review Letters, 2019, 123, 066402.	7.8	41
84	Hidden Order and Dimensional Crossover of the Charge Density Waves in TiSe_2 . Scientific Reports, 2016, 6, 37910.	3.3	40
85	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
86	Nonpercolative metal-insulator transition in VO single crystals. Physical Review B, 2011, 84, .	3.2	39
87	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
88	Electronic structure of the chiral helimagnet and transition metal dichalcogenide Bi_2Se_3 . Physical Review B, 2014, 89, .	3.2	39
89	Oscillatory surface dichroism of the insulating topological insulator Bi_2Se_3 . Physical Review B, 2013, 88, .	3.2	38
90	Dynamic competition between spin-density wave order and superconductivity in underdoped $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$. Nature Communications, 2014, 5, 3711.	12.8	38

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91	Superconductivity below 20 K in heavily electron-doped surface layer of FeSe bulk crystal. Nature Communications, 2016, 7, 11116.	12.8	35
92	Stripes developed at the strong limit of nematicity in FeSe film. Nature Physics, 2017, 13, 957-961.	16.7	35
93	High-Quality SnSe Single Crystals: Electronic and Thermoelectric Properties. ACS Applied Energy Materials, 2020, 3, 10787-10792.	5.1	34
94	Electronic structure of the metallic antiferromagnet PdCrO ₂ measured by angle-resolved photoemission spectroscopy. Physical Review B, 2013, 88, .	3.2	32
95	Raman and fluorescence characteristics of resonant inelastic X-ray scattering from doped superconducting cuprates. Scientific Reports, 2016, 6, 19657.	3.3	32
96	Filling of the Mott-Hubbard Gap in the High Temperature Photoemission Spectrum of (V _{0.972} Cr _{0.028}) ₂ O ₃ . Physical Review Letters, 2004, 93, 076404.	7.8	31
97	Molecular beam epitaxial growth of a three-dimensional topological Dirac semimetal Na ₃ Bi. Applied Physics Letters, 2014, 105, .	3.3	31
98	Crossover from 2D Ferromagnetic Insulator to Wide Band Gap Quantum Anomalous Hall Insulator in Ultrathin MnBi ₂ Te ₄ . ACS Nano, 2021, 15, 13444-13452.	14.6	31
99	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
100	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
101	Emerging coherence with unified energy, temperature, and lifetime scale in heavy fermion YbRh ₂ Si ₂ Magnetic excitations and phonons simultaneously studied by resonant inelastic x-ray scattering in optimally doped Bi ₂ Te ₃ . Physical Review B, 2015, 92, .	3.2	28
102	Detailed band structure of twinned and detwinned BaFe ₂ As ₂ studied with angle-resolved photoemission spectroscopy. Physical Review B, 2019, 99, .	3.2	28
103	Evidence for the constancy of U in the Mott transition of VO ₂ . Physical Review B, 2011, 84, .	3.2	27
104	Hidden itinerant spin phase in heavily overdoped cuprates. Physical Review B, 2011, 84, .	3.3	27
105	Extracting the spectral function of the cuprates by a full two-dimensional analysis: Angle-resolved photoemission spectra of Bi ₂ Tl ₂ O ₈ and Sr ₂ Tl ₂ O ₈ . Physical Review B, 2011, 84, .	3.2	26
106	Electronic Band Structure of In-Plane Ferroelectric van der Waals In_2Se_3 . ACS Applied Electronic Materials, 2020, 2, 213-219.	4.3	26
107	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

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109	Quantum Critical Scaling in the Single-Particle Spectrum of a Novel Anisotropic Metal. Physical Review Letters, 2009, 103, 136401.	7.8	24
110	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
111	Dispersion kinks in La _{2-x} Sr _x FeAs ₂ observed by angle-resolved photoemission spectroscopy. Physical Review B, 2015, 92, 040407.	3.2	21
112	Observation of the topological surface state in the nonsymmorphic topological insulator KHgSb. Physical Review B, 2017, 96, .	3.2	21
113	Doping dependence of the ($\tilde{\Gamma}$, $\tilde{\Gamma}$) shadow band in La-based cuprates studied by angle-resolved photoemission spectroscopy. New Journal of Physics, 2011, 13, 013031.	2.9	19
114	Robust topological surface state against direct surface contamination. Physica E: Low-Dimensional Systems and Nanostructures, 2012, 44, 891-894.	2.7	19
115	Fermi Arcs vs. Fermi Pockets in Electron-doped Perovskite Iridates. Scientific Reports, 2015, 5, 8533.	3.3	18
116	How Indium Nitride Senses Water. Nano Letters, 2017, 17, 7339-7344.	9.1	18
117	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
118	Progress in Epitaxial Thin-Film Na_3Bi as a Topological Electronic Material. Advanced Materials, 2021, 33, e2005897.	21.0	18
119	Selenium capped monolayer NbSe_2 for two-dimensional superconductivity studies. Physica Status Solidi (B): Basic Research, 2016, 253, 2396-2399.	1.5	17
120	Enhanced superconductivity in surface-electron-doped iron pnictide $\text{Ba}(\text{Fe}_{1.94}\text{Co}_{0.06})_2\text{As}_2$. Nature Materials, 2016, 15, 1233-1236.	27.5	17
121	Temperature-Dependent Electron-Electron Interaction in Graphene on SrTiO_3 . Nano Letters, 2017, 17, 5914-5918.	9.1	17
122	The nature of ferromagnetism in the chiral helimagnet $\text{Cr}_1/3\text{NbS}_2$. Communications Physics, 2020, 3, .	5.3	17
123	Correlation-driven electronic reconstruction in $\text{FeTe}_{1-x}\text{S}_x$. Communications Physics, 2022, 5, .	5.3	17
124	Large Magnetic Gap in a Designer Ferromagnetic Topological Insulator/Ferromagnet Heterostructure. Advanced Materials, 2022, 34, e2107520.	21.0	17
125	Absence of X-Point Band Overlap in Divalent Hexaborides and Variability of the Surface Chemical Potential. Journal of the Physical Society of Japan, 2002, 71, 1-4.	1.6	16
126	Bandwidth and Electron Correlation-Tuned Superconductivity in $\text{Rb}_{0.8}\text{Fe}_2(\text{Se}_{1-z}\text{S}_z)_2$. Physical Review Letters, 2015, 115, 256403.	7.8	16

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127	Observation of topological surface states and strong electron/hole imbalance in extreme magnetoresistance compound LaBi. Physical Review Materials, 2018, 2, .	2.4	16
128	Luttinger liquid angle-resolved photoemission line shapes from samples of Li _{0.9} Mo ₆ O ₁₇ grown by the temperature-gradient-flux technique. Physical Review B, 2004, 70, .	3.2	15
129	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
130	Electronic structure of superconducting nickelates probed by resonant photoemission spectroscopy. Matter, 2022, 5, 1806-1815.	10.0	15
131	Case for bulk nature of spectroscopic Luttinger liquid signatures observed in angle-resolved photoemission spectra of Li _{0.9} Mo ₆ O ₁₇ . Physical Review B, 2006, 74, .	3.2	14
132	Lifshitz Transitions Induced by Temperature and Surface Doping in Type-II Weyl Semimetal Candidate T ₂ WTe ₂ . Physica Status Solidi - Rapid Research Letters, 2017, 11, 1700209.	2.4	14
133	Anisotropic Dirac Fermions in BaMnBi ₂ and BaZnBi ₂ . Scientific Reports, 2018, 8, 15322.	3.3	14
134	Emergence of Kondo Resonance in Graphene Intercalated with Cerium. Nano Letters, 2018, 18, 3661-3666.	9.1	14
135	Spectroscopic Evidence for Electron-Boson Coupling in Electron-Doped $Sr_2FeMo_2O_{10}$. Physical Review Letters, 2019, 123, 216402.	7.8	13
136	Dimensional crossover and band topology evolution in ultrathin semimetallic NiTe ₂ films. Npj 2D Materials and Applications, 2021, 5, .	7.9	13
137	Superconductivity Induced by the Coexisting Pseudogap in the Antinodal Region of Bi ₂ S ₂ Te ₂ . Physical Review B, 2019, 100, 040402.	3.2	12
138	Electronic structure of BaNi ₂ Te ₂ by angle-resolved photoemission spectroscopy. Physical Review B, 2014, 89, .	3.2	12
139	Electron-phonon coupling in a system with broken symmetry: Surface of Be ₁₀ O ₁₁ . Physical Review B, 2015, 92, .	3.2	12
140	Monolayer charge-neutral graphene on platinum with extremely weak electron-phonon coupling. Physical Review B, 2015, 92, .	3.2	12
141	Mott localization in a pure stripe antiferromagnet $Rb_2FeMo_2O_{10}$. Physical Review B, 2018, 97, .	3.2	12
142	Dehybridization of f and d states in the heavy-fermion system YbRh ₂ . Physical Review B, 2018, 97, .	3.2	12
143	Direct observation of strain-induced orbital valence band splitting in HfSe ₂ by sodium intercalation. Physical Review B, 2018, 97, .	3.2	12
144	Inherited weak topological insulator signatures in the topological hourglass semimetal Nb ₃ . Physical Review B, 2018, 97, .	3.2	12

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145	Interaction of itinerant electrons and spin fluctuations in electron-doped cuprates. Physical Review B, 2013, 87, .	3.2	11
146	Magnetic effects in sulfur-decorated graphene. Scientific Reports, 2016, 6, 21460.	3.3	11
147	Large thermopower from dressed quasiparticles in the layered cobaltates and rhodates. Physical Review B, 2017, 96, .	3.2	11
148	Spectral Evidence for Emergent Order in $\text{BaMn}_2\text{P}_2\text{O}_{11}$. Physical Review Letters, 2018, 121, 127001.	7.8	11
149	Experimental and theoretical electronic structure and symmetry effects in ultrathin NbSe ₂ films. Physical Review Materials, 2018, 2, .	2.4	11
150	Large-gap insulating dimer ground state in monolayer IrTe ₂ . Nature Communications, 2022, 13, 906.	12.8	11
151	ARPES study of X-point band overlaps in LaB ₆ and SmB ₆ – contrast to SrB ₆ and EuB ₆ . Physica B: Condensed Matter, 2002, 312-313, 668-669.	2.7	10
152	Hidden one-dimensional electronic structure and non-Fermi-liquid angle-resolved photoemission line shapes of Mo_4O_{11} . Physical Review B, 2005, 72, .	3.2	10
153	Observing electronic structures on <i>ex situ</i> grown topological insulator thin films. Physica Status Solidi - Rapid Research Letters, 2013, 7, 130-132.	2.4	10
154	Nearly-free-electron system of monolayer Na on the surface of single-crystal HfSe_2 . Physical Review B, 2016, 94, .	3.2	10
155	Charge Instability in Single-Layer TiTe_2 Mediated by van der Waals Bonding to Substrates. Physical Review Letters, 2020, 125, 176405.	7.8	10
156	Nonsymmorphic symmetry-protected band crossings in a square-net metal PtPb_4 . Npj Quantum Materials, 2022, 7, .	5.2	10
157	Possible role of bonding angle and orbital mixing in iron pnictide superconductivity: Comparative electronic structure studies of LiFeAs and $\text{Sr}_2\text{VO}_3\text{FeAs}$. Physical Review B, 2015, 92, .	3.2	9
158	High-energy anomaly in $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_4$ investigated by angle-resolved photoemission spectroscopy and quantum Monte Carlo simulations. Physical Review B, 2011, 83, .	3.2	8
159	Hole doping, hybridization gaps, and electronic correlation in graphene on a platinum substrate. Nanoscale, 2017, 9, 11498-11503.	5.6	8
160	ARPES study of the epitaxially grown topological crystalline insulator $\text{SnTe}(111)$. Journal of Electron Spectroscopy and Related Phenomena, 2017, 219, 35-40.	1.7	8
161	Monochromatic Photocathodes from Graphene-Stabilized Diamondoids. Nano Letters, 2018, 18, 1099-1103.	9.1	8
162	Emergence of quasiparticles in a doped Mott insulator. Communications Physics, 2020, 3, .	5.3	8

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163	Flat-band-induced itinerant ferromagnetism in RbCo_2Se_2 . Physical Review B, 2021, 103, .	3.2	8
164	Coherent Electronic Band Structure of $\text{TiTe}_2/\text{TiSe}_2$ Moiré Bilayer. ACS Nano, 2021, 15, 3359-3364.	14.6	7
165	Observation of dimension-crossover of a tunable 1D Dirac fermion in topological semimetal NbSixTe_2 . Npj Quantum Materials, 2022, 7, .	5.2	7
166	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
167	Magnetotransport and electronic structure of the antiferromagnetic semimetal YbAs . Physical Review B, 2020, 101, .	3.2	6
168	Quasiparticle coherence in the nematic state of FeSe . Physical Review B, 2021, 104, .	3.2	6
169	Interplay of negative electronic compressibility and capacitance enhancement in lightly-doped metal oxide $\text{Bi}_{0.95}\text{La}_{0.05}\text{FeO}_3$ by quantum capacitance model. Scientific Reports, 2020, 10, 5153.	3.3	5
170	Anisotropic quasiparticle coherence in nematic BaFe_2As_2 studied with strain-dependent ARPES. Physical Review B, 2021, 103, .	3.2	5
171	Electronic structure of p-type transparent conducting oxide CuAlO_2 . Current Applied Physics, 2022, 39, 107-112.	2.4	5
172	Two aspects of the Mott-Hubbard transition in Cr-doped. Physica B: Condensed Matter, 2005, 359-361, 642-644.	2.7	4
173	New Luttinger-liquid physics from angle-resolved photoemission on a paradigm material. Physica B: Condensed Matter, 2008, 403, 1490-1493.	2.7	4
174	Metal insulator transition characteristics of macro-size single domain VO_2 crystals. Phase Transitions, 2013, 86, 941-946.	1.3	4
175	Nonrigid band shift and nonmonotonic electronic structure changes upon doping in the normal state of the pnictide high-temperature superconductor $\text{FeTe}_{1-x}\text{Se}_x$.		

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181	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
182	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
183	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
184	Direct Visualization and Manipulation of Tunable Quantum Well State in Semiconducting Nb ₂ SiTe ₄ . ACS Nano, 2021, 15, 15850-15857.	14.6	2
185	Nematic Fluctuations in the Non-Superconducting Iron Pnictide BaFe _{1.9} Ni _{0.1} CrxAs ₂ . Frontiers in Physics, 0, 10, .	2.1	2
186	Ultrafast extreme-ultraviolet ARPES studies of electronic dynamics in two-dimensional materials. Proceedings of SPIE, 2017, , .	0.8	1
187	Electronic structure of correlated topological insulator candidate YbB ₆ studied by photoemission and quantum oscillation. Chinese Physics B, 2020, 29, 017304.	1.4	1
188	Spectral weight reduction of two-dimensional electron gases at oxide surfaces across the ferroelectric transition. Scientific Reports, 2020, 10, 16834.	3.3	1
189	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
190	Doping dependence of the magnitude of fluctuating spin moments in the normal state of the pnictide superconductor Sr(Fe _{1-x} Cox) ₂ As ₂ inferred from photoemission spectroscopy. Physical Review B, 2019, 99, .	3.2	0
191	Observation of a smoothly tunable Dirac point in Ge _{1-x} Sn _x . Physical Review Materials, 2022, 6, .	0.4	0