

T K Kim

List of Publications by Year in descending order

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172
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31976

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172
all docs

172
docs citations

172
times ranked

9872
citing authors

#	ARTICLE	IF	CITATIONS
1	A stable three-dimensional topological Dirac semimetal Cd ₃ As ₂ . Nature Materials, 2014, 13, 677-681.	27.5	1,242
2	Magnetic Weyl semimetal phase in a Kagomé crystal. Science, 2019, 365, 1282-1285.	12.6	518
3	Emergence of the nematic electronic state in FeSe. Physical Review B, 2015, 91, .	3.2	302
4	Superconductivity without Nesting in LiFeAs. Physical Review Letters, 2010, 105, 067002.	7.8	280
5	Direct observation of spin-polarized bulk bands in an inversion-symmetric semiconductor. Nature Physics, 2014, 10, 835-839.	16.7	271
6	Dominant Mobility Modulation by the Electric Field Effect at the $\text{LaAlO}_3/\text{SrTiO}_3$ interface. Physical Review Letters, 2009, 103, 226802.	7.8	246
7	Observation of Chiral Fermions with a Large Topological Charge and Associated Fermi-Arc Surface States in CoSi. Physical Review Letters, 2019, 122, 076402.	7.8	211
8	Signature of Strong Spin-Orbital Coupling in the Large Nonsaturating Magnetoresistance Material WTe_2 . Physical Review Letters, 2015, 115, 166601.	7.8	204
9	Electronic Structure and Enhanced Charge-Density Wave Order of Monolayer VSe_2 . Nano Letters, 2018, 18, 4493-4499.	9.1	200
10	Chiral topological semimetal with multifold band crossings and long Fermi arcs. Nature Physics, 2019, 15, 759-765.	16.7	184
11	Observation of large topologically trivial Fermi arcs in the candidate type-II Weyl semimetal WTe_2 . Physical Review B, 2016, 94, .	3.2	174
12	Effect of noble-metal contacts on doping and band gap of graphene. Physical Review B, 2010, 82, .	3.2	171
13	Tailoring the nature and strength of electron-phonon interactions in the SrTiO ₃ (001) 2D electron liquid. Nature Materials, 2016, 15, 835-839.	27.5	171
14	Direct observation of spin-orbit coupling in iron-based superconductors. Nature Physics, 2016, 12, 311-317.	16.7	170
15	Ir(111) Surface State with Giant Rashba Splitting Persists under Graphene in Air. Physical Review Letters, 2012, 108, 066804.	7.8	157
16	Time-reversal symmetry breaking type-II Weyl state in YbMnBi ₂ . Nature Communications, 2019, 10, 3424.	12.8	155
17	Fermi Arcs and Their Topological Character in the Candidate Type-II Weyl Semimetal MoTe_2 . Physical Review X, 2016, 6, .	8.9	154
18	Ubiquitous formation of bulk Dirac cones and topological surface states from a single orbital manifold in transition-metal dichalcogenides. Nature Materials, 2018, 17, 21-28.	27.5	144

#	ARTICLE	IF	CITATIONS
19	Collapse of the Mott Gap and Emergence of a Nodal Liquid in Lightly Doped Sr_2CuO_7 . Physical Review Letters, 2015, 115, 176402.	7.8	140
20	Surface states and Rashba-type spin polarization in antiferromagnetic MnBi . Physical Review B, 2019, 100, .	3.2	132
21	Ideal Weyl semimetal induced by magnetic exchange. Physical Review B, 2019, 100, .	3.2	130
22	Origin of the Peak-Dip-Hump Line Shape in the Superconducting-State $(\text{I}, 0)$ Photoemission Spectra of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$. Physical Review Letters, 2002, 89, 077003.	7.8	120
23	A weak topological insulator state in quasi-one-dimensional bismuth iodide. Nature, 2019, 566, 518-522.	27.8	119
24	A facility for the analysis of the electronic structures of solids and their surfaces by synchrotron radiation photoelectron spectroscopy. Review of Scientific Instruments, 2017, 88, 013106.	1.3	110
25	Gaps and links in the electronic structure of the superconductor $\text{Hf}_x\text{Nb}_{1-x}\text{Se}$. Physical Review B, 2014, 90, 114504.	3.2	109
26	Fermiology and Superconductivity of Topological Surface States in PdTe . Physical Review Letters, 2018, 120, 156401.	7.8	107
27	Doping Dependence of the Mass Enhancement in $(\text{Pb}, \text{Bi})_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ at the Antinodal Point in the Superconducting and Normal States. Physical Review Letters, 2003, 91, 167002.	7.8	106
28	One-Sign Order Parameter in Iron Based Superconductor. Symmetry, 2012, 4, 251-264.	2.2	106
29	Maximal Rashba-like spin splitting via kinetic-energy-coupled inversion-symmetry breaking. Nature, 2017, 549, 492-496.	27.8	105
30	Observation and control of maximal Chern numbers in a chiral topological semimetal. Science, 2020, 369, 179-183.	12.6	103
31	Control of a Two-Dimensional Electron Gas on SrTiO_3 . Physical Review Letters, 2014, 113, 177201.	5.8	101
32	Experimental realization of type-II Weyl state in noncentrosymmetric TaIrTe_4 . Physical Review B, 2017, 95, .	3.2	101
33	Anomalous Enhancement of the Coupling to the Magnetic Resonance Mode in Underdoped $\text{Pb-Bi}_2\text{212}$. Physical Review Letters, 2003, 90, 207001.	7.8	99
34	Suppression of orbital ordering by chemical pressure in $\text{FeSe}_{1-x}\text{S}_x$. Physical Review B, 2015, 92, .	7.8	98
35	Evidence for a higher-order topological insulator in a three-dimensional material built from van der Waals stacking of bismuth-halide chains. Nature Materials, 2021, 20, 473-479.	27.5	98
36	Evidence for unidirectional nematic bond ordering in FeSe . Physical Review B, 2016, 94, .	3.2	94

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37	High-Resolution Photoemission on $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:mrow} > < \text{mml:mrow} < \text{mml:mi} > \text{Sr} < / \text{mml:mi} > < / \text{mml:mrow} > < \text{mml:mrow} < \text{mml:mn} > 2 < / \text{mml:mn} > < / \text{mml:mrow} > < / \text{mml:math} \rangle$ Reveals Correlation-Enhanced Effective Spin-Orbit Coupling and Dominantly Local Self-Energies. Physical Review X, 2019, 9, .	8.9	90
38	Carrier-Density Control of the SrTiO ₃ (001) Surface 2D Electron Gas studied by ARPES. Advanced Materials, 2015, 27, 3894-3899.	21.0	88
39	Negative electronic compressibility and tunable spin splitting in WSe ₂ . Nature Nanotechnology, 2015, 10, 1043-1047.	31.5	85
40	Spin-valley locking in the normal state of a transition-metal dichalcogenide superconductor. Nature Communications, 2016, 7, 11711.	12.8	85
41	Holstein polaron in a valley-degenerate two-dimensional semiconductor. Nature Materials, 2018, 17, 676-680.	27.5	80
42	Effect of nematic ordering on electronic structure of FeSe. Scientific Reports, 2016, 6, 36834.	3.3	78
43	Weak Superconducting Pairing and a Single Isotropic Energy Gap in Stoichiometric LiFeAs. Physical Review Letters, 2010, 104, 187001.	7.8	73
44	Superconducting gap in the presence of bilayer splitting in underdoped (Pb,Bi) ₂ Sr ₂ CaCu ₂ O ₈ + δ . Physical Review B, 2002, 66, .	3.2	68
45	Observation of strong electron pairing on bands without Fermi surfaces in LiFe _{1-x} CoxAs. Nature Communications, 2015, 6, 6056.	12.8	68
46	Suppression of electronic correlations by chemical pressure from FeSe to FeS. Physical Review B, 2017, 96, .	3.2	68
47	Hallmarks of Hund's coupling in the Mott insulator Ca ₂ RuO ₄ . Nature Communications, 2017, 8, 15176.	12.8	66
48	Electronic anisotropies revealed by detwinned angle-resolved photo-emission spectroscopy measurements of FeSe. New Journal of Physics, 2017, 19, 103021.	2.9	65
49	In-situ strain tuning of the metal-insulator-transition of Ca ₂ RuO ₄ in angle-resolved photoemission experiments. Nature Communications, 2018, 9, 4535.	12.8	62
50	Pseudogap phase of cuprate superconductors confined by Fermi surface topology. Nature Communications, 2017, 8, 2044.	12.8	60
51	Formation of Hubbard-like bands as a fingerprint of strong electron-electron interactions in FeSe. Physical Review B, 2017, 95, .	3.2	59
52	Dependence of the Crystal-Field Splittings of k States in Rare-Earth Systems. Physical Review Letters, 2010, 105, 237601.	7.8	57
53	Nearly free electrons in a 5d delafossite oxide metal. Science Advances, 2015, 1, e1500692.	10.3	56
54	Multimorphism in molecular monolayers: Pentacene on Cu(110). Physical Review B, 2009, 79, .	3.2	51

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55	Angle-resolved photoemission spectroscopy of superconducting LiFeAs: Evidence for strong electron-phonon coupling. Physical Review B, 2011, 83, .	3.2	50
56	Experimental Determination of the Topological Phase Diagram in Cerium Monopnictides. Physical Review Letters, 2018, 120, 086402.	7.8	50
57	Three-dimensional superconducting gap in FeSe from angle-resolved photoemission spectroscopy. Physical Review B, 2018, 97, .	3.2	49
58	A novel artificial condensed matter lattice and a new platform for one-dimensional topological phases. Science Advances, 2017, 3, e1501692.	10.3	48
59	Emerging 2D-ferromagnetism and strong spin-orbit coupling at the surface of valence-fluctuating Eu _{1-x} Co _x S ₂ . Npj Quantum Materials, 2019, 4, 1-10.	5.2	46
60	Orbital- and k -selective hybridization of Se p and Ti d orbitals in hole-doped BaFe ₂ As ₂ . Physical Review Letters, 2011, 106, 077201.	7.8	46
61	Itinerant ferromagnetism of the Pd-terminated polar surface of PdCoO ₂ . Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12956-12960.	7.1	45
62	Indirect Magnetic Coupling of Manganese Porphyrin to a Ferromagnetic Cobalt Substrate. Journal of Physical Chemistry C, 2011, 115, 1295-1301.	3.1	44
63	k -selective hybridization of Se p orbitals in hole-doped BaFe ₂ As ₂ . Physical Review Letters, 2011, 106, 077201.	3.2	44
64	Circular Dichroism in Angle-Resolved Photoemission Spectra of Under- and Overdoped Pb-Bi2212. Physical Review Letters, 2004, 92, 207001.	7.8	42
65	Concurrent Quasiparticles with a Small Fermi Surface in Lightly Doped Ba _{1-x} Bi _x Fe ₂ As ₂ . Physical Review Letters, 2011, 106, 077201.	3.2	42
66	Evidence for CuO conducting band splitting in the nodal direction of Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ . Physical Review B, 2004, 70, .	3.2	41
67	Self-Assembly and Superexchange Coupling of Magnetic Molecules on Oxygen-Reconstructed Ferromagnetic Thin Film. Journal of Physical Chemistry Letters, 2010, 1, 1408-1413.	4.6	41
68	Bulk and Surface Electronic Structure of the Dual-Topology Semimetal Pt ₂ As. Physical Review Letters, 2020, 124, 106402.	7.8	40
69	Concurrent Quasiparticles with a Small Fermi Surface in Lightly Doped Ba _{1-x} Bi _x Fe ₂ As ₂ . Physical Review Letters, 2011, 106, 077201.	7.8	39
70	Narrow-band anisotropic electronic structure of ReS ₂ . Physical Review B, 2017, 96, .	3.2	39
71	Hierarchical spin-orbital polarization of a giant Rashba system. Science Advances, 2015, 1, e1500495.	10.3	38
72	Scaling of the superconducting gap with orbital character in FeSe. Physical Review B, 2018, 98, .	3.2	38

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73	Boron-Doped Graphene Nanoribbons: Electronic Structure and Raman Fingerprint. ACS Nano, 2018, 12, 7571-7582.	14.6	38
74	Self-energy determination and electron-phonon coupling on Bi(110). New Journal of Physics, 2005, 7, 99-99.	2.9	37
75	Band Structure and Spin-Orbital Texture of the (111)-TaO ₃ 2D Electron Gas. Advanced Electronic Materials, 2019, 5, 1800860.	5.1	37
76	Electron-phonon coupling on the Mg(0001) surface. Physical Review B, 2005, 72, .	3.2	35
77	An ARPES view on the high-T _c problem: Phonons vs. spin-fluctuations. European Physical Journal: Special Topics, 2010, 188, 153-162.	2.6	34
78	Photoemission-induced gating of topological insulators. Physical Review B, 2011, 83, .	3.2	34
79	Renormalized band structure of Sr ₂ RuO ₄ : A quasiparticle tight-binding approach. Journal of Electron Spectroscopy and Related Phenomena, 2013, 191, 48-53.	1.7	34
80	Evidence against a charge density wave on Bi(111). Physical Review B, 2005, 72, .	3.2	33
81	Thermally induced defects and the lifetime of electronic surface states. Physical Review B, 2007, 75, .	3.2	33
82	Common Origin of the Circular-Dichroism Pattern in Angle-Resolved Photoemission Spectroscopy of SrTiO ₃ and CuBi ₂ S ₂ . Physical Review Letters, 2011, 107, 077601.	7.8	33
83	Origin of the shadow Fermi surface in Bi-based cuprates. Physical Review B, 2004, 69, .	3.2	30
84	Band-dependent emergence of heavy quasiparticles in CeCoIn ₅ . Physical Review B, 2013, 88, .	3.2	30
85	Robust and tunable itinerant ferromagnetism at the silicon surface of the antiferromagnet GdRh ₂ Si ₂ . Scientific Reports, 2016, 6, 24254.	3.3	29
86	Fermi-crossing Type-II Dirac fermions and topological surface states in NiTe ₂ . Scientific Reports, 2020, 10, 12957.	3.3	29
87	Spin Orientation of Two-Dimensional Electrons Driven by Temperature-Tunable Competition of Spin-Orbit and Exchange-Magnetic Interactions. Nano Letters, 2017, 17, 811-820.	9.1	28
88	Electronic structure of the candidate 2D Dirac semimetal SrMnSb ₂ : a combined experimental and theoretical study. SciPost Physics, 2018, 4, .	4.9	28
89	Incommensurate magnetic fluctuations and Fermi surface topology in LiFeAs. Physical Review B, 2012, 86, .	3.2	27
90	Handedness-dependent quasiparticle interference in the two enantiomers of the topological chiral semimetal PdGa. Nature Communications, 2020, 11, 3507.	12.8	27

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91	Observation of band crossings protected by nonsymmorphic symmetry in the layered ternary telluride TaAs_2 . Physical Review B, 2018, 98, .	3.2	26
92	Probing the reconstructed Fermi surface of antiferromagnetic BaFe_2As_2 in one domain. Npj Quantum Materials, 2019, 4, .	5.2	26
93	Observation of a Van Hove singularity and implication for strong-coupling induced Cooper pairing in KFe_2As_2 . Physical Review B, 2015, 92, .	3.2	25
94	Buried double CuO chains in $\text{YBa}_2\text{Cu}_3\text{O}_{8-x}$ uncovered by nano-ARPES. Physical Review B, 2019, 99, .	3.2	25
95	Observation of small Fermi pockets protected by clean CuO sheets of a high- T_c superconductor. Science, 2020, 369, 833-838.	12.6	25
96	Observation of Electrically Tunable van Hove Singularities in Twisted Bilayer Graphene from NanoARPES. Advanced Materials, 2020, 32, 2001656.	21.0	25
97	Uniaxial strain-induced phase transition in the 2D topological semimetal IrTe_2 . Communications Materials, 2021, 2, .	6.9	25
98	Signature of band inversion in the antiferromagnetic phase of axion insulator candidate EuIn_2As_4 . Physical Review Research, 2020, 2, .	3.2	25
99	Strongly enhanced temperature dependence of the chemical potential in FeSe . Physical Review B, 2017, 95, .	3.2	24
100	Probing spin correlations using angle-resolved photoemission in a coupled metallic/Mott insulator system. Science Advances, 2020, 6, eaaz0611.	10.3	24
101	Possible origin of linear magnetoresistance: Observation of Dirac surface states in layered PtBi_2 . Physical Review B, 2018, 97, .	3.2	23
102	Direct observation of the energy gain underpinning ferromagnetic superexchange in the electronic structure of CrGeTe_3 . Physical Review B, 2020, 101, .	3.2	23
103	Revealing the single electron pocket of FeSe in a single orthorhombic domain. Physical Review B, 2020, 101, .	3.2	22
104	Doping dependence of many-body effects along the nodal direction in the high- T_c cuprate $(\text{Bi,Pb})_2\text{Sr}_2\text{CaCu}_2\text{O}_8$. Physical Review B, 2004, 69, .	3.2	21
105	Disorder Quenching of the Charge Density Wave in ZrTe_3 . Physical Review Letters, 2019, 122, 017601.	7.8	21
106	Electronic Structures and Surface Reconstructions in Magnetic Superconductor $\text{RbEuFe}_4\text{As}_4$. Journal of Physical Chemistry Letters, 2020, 11, 9393-9399.	4.6	20
107	Weyl fermions, Fermi arcs, and minority-spin carriers in ferromagnetic CoS_2 . Science Advances, 2020, 6, .	10.3	20
108	Unusual electronic structure of the pseudoladder compound CaCu_2O_3 . Physical Review B, 2003, 67, .	3.2	19

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109	Weak-coupling superconductivity in electron-doped NaFe _{0.95} Co _{0.05} As revealed by ARPES. Physical Review B, 2012, 86, .	3.2	19
110	Nematic superconductivity in LiFeAs. Physical Review B, 2020, 102, .	3.2	19
111	Circular dichroism and bilayer splitting in the normal state of underdoped (Pb,Bi) ₂ Sr ₂ (Ca _x Y _{1-\hat{x})Cu₂O₈+$\hat{1}$ and overdoped (Pb,Bi)₂Sr₂CaCu₂O₈+$\hat{1}$. Physical Review B, 2004, 69, .}	3.2	18
112	CeFePO: $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">f < / m m l : m i > \langle \text{mml:mtext mathvariant="normal">\hat{a} < / m m l : m t e x t > \langle \text{mml:mi} > d < / m m l : m i > \langle \text{mml:math} >$ Hybridization and Quenching of Superconductivity. Physical Review Letters, 2010, 104, 096402.	7.8	18
113	Suppressed superconductivity in charge-doped Li(Fe _{1-\hat{x}Co_x)As single crystals. Physical Review B, 2011, 84, .}	3.2	17
114	Propeller-Like Low Temperature Fermi Surface of Ba _{1-x} K _x Fe ₂ As ₂ from Magnetotransport and Photoemission Measurements. Journal of the Physical Society of Japan, 2011, 80, 023710.	1.6	17
115	Strongly anisotropic spin-orbit splitting in a two-dimensional electron gas. Physical Review B, 2015, 91, .	3.2	17
116	Bulk and surface electronic structure of hexagonal structured PtBi ₂ by angle-resolved photoemission spectroscopy. Physical Review B, 2016, 94, .	3.2	17
117	Possible experimental realization of a basic Z^2 topological semimetal in GaGeTe. APL Materials, 2019, 7, .	5.1	17
118	Electronic structure and coexistence of superconductivity with magnetism in Fe ₄ As ₄ . Physical Review B, 2021, 103, .	3.2	17
119	Signatures of Weyl Fermion Annihilation in a Correlated Kagome Magnet. Physical Review Letters, 2021, 127, 256403.	7.8	17
120	Surface and bulk electronic structure of the unconventional superconductor Sr ₂ RuO ₄ : unusual splitting of the I^2 band. New Journal of Physics, 2012, 14, 063039.	2.9	16
121	Strong spin-orbit coupling in the noncentrosymmetric Kondo lattice. Physical Review B, 2018, 98, .	3.2	16
122	Dual quantum confinement and anisotropic spin splitting in the multivalley semimetal PtSe ₂ . Physical Review B, 2019, 99, .	3.2	16
123	Orbitally selective breakdown of Fermi liquid quasiparticles in Ca ₃ Co ₂ Sn ₇ . Physical Review B, 2019, 99, .	3.2	16
124	Direct observation of the spin-orbit coupling effect in magnetic Weyl semimetal Co ₃ Sn ₂ S ₂ . Npj Quantum Materials, 2022, 7, .	5.2	16
125	Three-dimensional electronic structure of the nematic and antiferromagnetic phases of NaFeAs from detwinned angle-resolved photoemission spectroscopy. Physical Review B, 2018, 97, .	3.2	15
126	The structure of Sb(111) determined by photoelectron diffraction. Surface Science, 2007, 601, 2908-2911.	1.9	14

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127	Electronic structure of (Ca _{0.85} La _{0.15})FeAs ₂ . Applied Physics Letters, 2015, 106, .	3.3	14
128	Electronic structure of YFe_2As_2 by angle-resolved photoemission spectroscopy. Physical Review B, 2016, 93, .	3.2	14
129	Photon energy dependent circular dichroism in angle-resolved photoemission from Au(111) surface states. Physical Review B, 2017, 95, .	3.2	14
130	A general route to form topologically-protected surface and bulk Dirac fermions along high-symmetry lines. Electronic Structure, 2019, 1, 014002.	2.8	14
131	BaCr_2As_2 is symmetrical to BaCr_2As_2 . Physical Review B, 2019, 100, 040401.	3.2	13
132	Selective Scattering within Quasiparticle Interference Measurements of FeSe. Physical Review Letters, 2019, 123, 216404.	7.8	13
133	Observation of inverted band structure in the topological Dirac semimetal candidate CaAuAs. Physical Review B, 2020, 102, .	3.2	13
134	Conventional superconductivity in SrPd ₂ Ge. Physical Review B, 2012, 85, .	3.2	12
135	Observation of non-Fermi liquid behavior in hole-doped LiFe _{1-x} V _x As. Physical Review B, 2016, 94, .	3.2	12
136	Raman and ARPES combined study on the connection between the existence of the pseudogap and the topology of the Fermi surface in Bi ₂ O ₈ I. Physical Review B, 2018, 97, .	3.2	12
137	Tuneable electron-magnon coupling of ferromagnetic surface states in PdCoO ₂ . Npj Quantum Materials, 2022, 7, .	5.2	12
138	Spectral functions of CVD grown MoS ₂ monolayers after chemical transfer onto Au surface. Applied Surface Science, 2020, 532, 147390.	6.1	11
139	Electronic reconstruction forming a C ₂ -symmetric Dirac semimetal in Ca ₃ Ru ₂ O ₇ . Npj Quantum Materials, 2021, 6, .	5.2	11
140	Emergence of Dirac-like bands in the monolayer limit of epitaxial Ge films on Au(111). 2D Materials, 2017, 4, 031005.	4.4	10
141	Valence instability in the bulk and at the surface of the antiferromagnet SmRh ₂ Si ₂ . Physical Review B, 2017, 95, .	3.2	10
142	Energy scale of nematic ordering in the parent iron-based superconductor BaFe ₂ As ₂ . Physical Review B, 2019, 100, .	3.2	10
143	Electronic structure and superconductivity of the non-centrosymmetric Sn ₄ As ₃ . New Journal of Physics, 2020, 22, 063049.	2.9	10
144	Spectroscopic evidence of topological phase transition in the three-dimensional Dirac semimetal Cd ₃ As ₂ . Physical Review B, 2018, 98, .	3.2	10

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145	Superconductivity and electronic reconstruction in YBaCuO . <i>Physical Review B</i> , 2018, 98, .	3.2	9
146	Vibrational and electronic excitations of $(\text{C}_5\text{N})_2$. <i>Solid State Communications</i> , 2001, 117, 697-701.	1.9	8
147	Van Hove singularity as a possible origin of the bandwidth renormalization in layered superconductors. <i>Journal of Physics and Chemistry of Solids</i> , 2011, 72, 562-564.	4.0	8
148	Anomalously enhanced photoemission from the Dirac point and other peculiarities in the self-energy of the surface-state quasiparticles in Bi_2Se_3 . <i>Physical Review B</i> , 2012, 85, .	3.2	8
149	In Operando Angle-Resolved Photoemission Spectroscopy with Nanoscale Spatial Resolution: Spatial Mapping of the Electronic Structure of Twisted Bilayer Graphene. <i>Small Science</i> , 2021, 1, 2000075.	9.9	8
150	Change of quasiparticle dispersion in crossing T_{c} in the underdoped cuprates. <i>Physical Review B</i> , 2004, 70, .	3.2	7
151	Electronic structure and magnetism of the $\text{A}^{\text{II}}\text{Cu}_2\text{O}_3$ pseudo-ladder compounds ACu_2O_3 , $\text{A}=\text{Ca}, \text{Mg}$. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 408-410, 270-272.	1.2	7
152	Angle-resolved Photoemission Spectroscopy At Ultra-low Temperatures. <i>Journal of Visualized Experiments</i> , 2012, .	0.3	7
153	orbital subband structures and chiral orbital angular momentum in the (001) surface states of SrTiO_3 . <i>Physical Review B</i> , 2017, 95, .	3.2	7
154	High-energy electronic interaction in the d - d band of high-temperature iron-based superconductors. <i>Physical Review B</i> , 2017, 96, .	3.2	7
155	Topological phase transition in a magnetic Weyl semimetal. <i>Physical Review B</i> , 2021, 104, .	3.2	7
156	Charge density waves in 1T-TaS_2 : an EXAFS study. <i>Physica B: Condensed Matter</i> , 1998, 252, 15-20.	2.7	6
157	Mass Enhancements and Band Shifts in Strongly Hole-Overdoped Fe-Based Pnictide Superconductors: KFe_2As_2 and CsFe_2As_2 . <i>Journal of Superconductivity and Novel Magnetism</i> , 2018, 31, 777-783.	1.8	6
158	Surface and bulk electronic structure of aluminium diboride. <i>Physical Review B</i> , 2020, 102, .	3.2	6
159	Absence of Dirac fermions in layered BaZnBi_2 . <i>Physical Review Materials</i> , 2019, 3, .	3.2	6
160	FeSe and the Missing Electron Pocket Problem. <i>Frontiers in Physics</i> , 2022, 10, .	2.1	4
161	Destruction of the charge density wave structure in 1T-TaS_2 under pyridine intercalation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998, 405, 348-350.	1.6	3
162	Excitation energy dependence of the ARPES intensity in Pb-doped and pristine $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 417, 1-6.	1.2	3

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163	Publisher's Note: Emergence of the nematic electronic state in FeSe [Phys. Rev. B91, 155106 (2015)]. Physical Review B, 2015, 91, .	3.2	3
164	Weakness of Correlation Effect Manifestation in BaNi ₂ As ₂ : An ARPES and LDA + DMFT Study. Journal of Physical Chemistry C, 2021, 125, 28075-28087.	3.1	3
165	Study of polarized XANES TaL3 spectra of 1T-TaS2 monocrystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 448, 327-331.	1.6	2
166	Electronic Confinement and Ordering Instabilities in Colossal Magnetoresistive Bilayer Manganites. Physical Review Letters, 2012, 108, 016403.	7.8	2
167	The role of spin-orbit coupling in the electronic structure of iron-based superconductors. Physica Status Solidi (B): Basic Research, 2017, 254, 1600550.	1.5	2
168	Coupling to zone-center optical phonons in VSe_2 enhanced by charge density waves. Physical Review B, 2021, 104, .	3.2	2
169	Superconducting dome and pseudogap endpoint in Bi2201. Physical Review Materials, 2022, 6, .	2.4	2
170	Orbital-selective metal-insulator transition lifting the t _{2g} band hybridization in the Hund metal Sr ₃ (Ru _{1-x} Mnx)2O ₇ . Physical Review B, 2018, 98, .	3.2	1
171	Observation of the critical state to multiple-type Dirac semimetal phases in KMgBi. Journal of Applied Physics, 2021, 129, .	2.5	1
172	Decoupling of lattice and orbital degrees of freedom in an iron-pnictide superconductor. Physical Review Research, 2021, 3, .	3.6	0