Sung-Kwan Mo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

180 papers	18,484 citations	55 h-index	135 g-index
194 ext. papers	21,421 ext. citations	9.6 avg, IF	6.14 L-index

#	Paper	IF	Citations
180	Large-gap insulating dimer ground state in monolayer IrTe.. *Nature Communications*, **2022**, 13, 906	17.4	1
179	Large magnetic gap in a designer ferromagnet-topological insulator-ferromagnet heterostructure.. *Advanced Materials*, **2022**, e2107520	24	4
178	Electronic structure of p-type transparent conducting oxide CuAlO2. *Current Applied Physics*, **2022**, 39, 107-107	2.6	
177	Direct Visualization and Manipulation of Tunable Quantum Well State in Semiconducting NbSiTe. *ACS Nano*, **2021**, 15, 15850-15857	16.7	0
176	Inherited weak topological insulator signatures in the topological hourglass semimetal Nb3XTe6 (X=Si, Ge). *Physical Review B*, **2021**, 103,	3.3	4
175	Flat-band-induced itinerant ferromagnetism in RbCo2Se2. *Physical Review B*, **2021**, 103,	3.3	1
174	Dimensional crossover and band topology evolution in ultrathin semimetallic NiTe2 films. *Npj 2D Materials and Applications*, **2021**, 5,	8.8	2
173	Observation of topological superconductivity in a stoichiometric transition metal dichalcogenide 2M-WS. *Nature Communications*, **2021**, 12, 2874	17.4	2
172	Progress in Epitaxial Thin-Film Na Bi as a Topological Electronic Material. *Advanced Materials*, **2021**, 33, e2005897	24	10
171	Coherent Electronic Band Structure of TiTe/TiSe Moir□Bilayer. *ACS Nano*, **2021**, 15, 3359-3364	16.7	1
170	Crossover from 2D Ferromagnetic Insulator to Wide Band Gap Quantum Anomalous Hall Insulator in Ultrathin MnBiTe. *ACS Nano*, **2021**,	16.7	7
169	Three interaction energy scales in the single-layer high-Tc cuprate HgBa2CuO4+□*Physical Review B* , **2020**, 102,	3.3	3
168	A plausible method of preparing the ideal p-n junction interface of a thermoelectric material by surface doping. *Applied Surface Science*, **2020**, 520, 146314	6.7	1
167	Visualization of Multifractal Superconductivity in a Two-Dimensional Transition Metal Dichalcogenide in the Weak-Disorder Regime. *Nano Letters*, **2020**, 20, 5111-5118	11.5	14
166	Metallic surface states in a correlated d-electron topological Kondo insulator candidate FeSb. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 15409-15413	11.5	3
165	Interplay of negative electronic compressibility and capacitance enhancement in lightly-doped metal oxide BiLaFeO by quantum capacitance model. *Scientific Reports*, **2020**, 10, 5153	4.9	5
164	Electronic structure and spatial inhomogeneity of iron-based superconductor FeS. *Chinese Physics B* , **2020**, 29, 047401	1.2	3

163	Dimensionality-Mediated Semimetal-Semiconductor Transition in Ultrathin PtTe_{2} Films. *Physical Review Letters*, **2020**, 124, 036402	7.4	28
162	Electronic Band Structure of In-Plane Ferroelectric van der Waals In2Se3. *ACS Applied Electronic Materials*, **2020**, 2, 213-219	4	11
161	Electronic structure of correlated topological insulator candidate YbB6 studied by photoemission and quantum oscillation. *Chinese Physics B*, **2020**, 29, 017304	1.2	0
160	Controlling the Magnetic Anisotropy of the van der Waals Ferromagnet FeGeTe through Hole Doping. *Nano Letters*, **2020**, 20, 95-100	11.5	55
159	Strong correlations and orbital texture in single-layer 1T-TaSe2. *Nature Physics*, **2020**, 16, 218-224	16.2	56
158	Spectral weight reduction of two-dimensional electron gases at oxide surfaces across the ferroelectric transition. *Scientific Reports*, **2020**, 10, 16834	4.9	1
157	High-Quality SnSe2 Single Crystals: Electronic and Thermoelectric Properties. *ACS Applied Energy Materials*, **2020**, 3, 10787-10792	6.1	10
156	Charge Instability in Single-Layer TiTe_{2} Mediated by van der Waals Bonding to Substrates. *Physical Review Letters*, **2020**, 125, 176405	7.4	4
155	Emergence of quasiparticles in a doped Mott insulator. *Communications Physics*, **2020**, 3,	5.4	2
154	The nature of ferromagnetism in the chiral helimagnet Cr1/3NbS2. *Communications Physics*, **2020**, 3,	5.4	2
153	Magnetic Weyl semimetal phase in a Kagomé crystal. *Science*, **2019**, 365, 1282-1285	33.3	238
152	Band-Resolved Imaging of Photocurrent in a Topological Insulator. *Physical Review Letters*, **2019**, 122, 167401	7.4	29
151	Strong spin-orbit coupling and Dirac nodal lines in the three-dimensional electronic structure of metallic rutile IrO2. *Physical Review B*, **2019**, 99,	3.3	11
150	Electronic structure of the quadrupolar ordered heavy-fermion compound YbRu2Ge2 measured by angle-resolved photoemission. *Physical Review B*, **2019**, 99,	3.3	1
149	Momentum Dependence of the Nematic Order Parameter in Iron-Based Superconductors. *Physical Review Letters*, **2019**, 123, 066402	7.4	23
148	Manipulating Topological Domain Boundaries in the Single-Layer Quantum Spin Hall Insulator 1TRWSe. *Nano Letters*, **2019**, 19, 5634-5639	11.5	18
147	Identifying substitutional oxygen as a prolific point defect in monolayer transition metal dichalcogenides. *Nature Communications*, **2019**, 10, 3382	17.4	117
146	Spectroscopic Evidence for Electron-Boson Coupling in Electron-Doped Sr_{2}IrO_{4}. *Physical Review Letters*, **2019**, 123, 216402	7.4	6

145	Nematic Energy Scale and the Missing Electron Pocket in FeSe. *Physical Review X*, **2019**, 9,	9.1	33
144	Detailed band structure of twinned and detwinned BaFe2As2 studied with angle-resolved photoemission spectroscopy. *Physical Review B*, **2019**, 99,	3.3	17
143	Dehybridization of f and d states in the heavy-fermion system YbRh2Si2. *Physical Review B*, **2018**, 97,	3.3	9
142	Monochromatic Photocathodes from Graphene-Stabilized Diamondoids. *Nano Letters*, **2018**, 18, 1099-1103	12.5	5
141	Gapped electronic structure of epitaxial stanene on InSb(111). *Physical Review B*, **2018**, 97,	3.3	68
140	Persistent Charge-Density-Wave Order in Single-Layer TaSe. *Nano Letters*, **2018**, 18, 689-694	11.5	72
139	Direct observation of strain-induced orbital valence band splitting in HfSe2 by sodium intercalation. *Physical Review B*, **2018**, 97,	3.3	10
138	Observation of topologically protected states at crystalline phase boundaries in single-layer WSe. *Nature Communications*, **2018**, 9, 3401	17.4	68
137	Observation of topological surface states and strong electron/hole imbalance in extreme magnetoresistance compound LaBi. *Physical Review Materials*, **2018**, 2,	3.2	7
136	Experimental and theoretical electronic structure and symmetry effects in ultrathin NbSe2 films. *Physical Review Materials*, **2018**, 2,	3.2	4
135	Gapped Nearly Free-Standing Graphene on an SiC(0001) Substrate Induced by Manganese Atoms. *Applied Science and Convergence Technology*, **2018**, 27, 90-94	0.8	1
134	Electronic structure of monolayer 1T?-MoTe2 grown by molecular beam epitaxy. *APL Materials*, **2018**, 6, 026601	5.7	30
133	Unique Gap Structure and Symmetry of the Charge Density Wave in Single-Layer VSe_{2}. *Physical Review Letters*, **2018**, 121, 196402	7.4	90
132	Anisotropic Dirac Fermions in BaMnBi and BaZnBi. *Scientific Reports*, **2018**, 8, 15322	4.9	8
131	Electric-field-tuned topological phase transition in ultrathin NaBi. *Nature*, **2018**, 564, 390-394	50.4	85
130	Rapid change of superconductivity and electron-phonon coupling through critical doping in Bi-2212. *Science*, **2018**, 362, 62-65	33.3	52
129	Experimental Observation of Hidden Berry Curvature in Inversion-Symmetric Bulk 2H-WSe_{2}. *Physical Review Letters*, **2018**, 121, 186401	7.4	22
128	Spectral Evidence for Emergent Order in Ba_{1-x}Na_{x}Fe_{2}As_{2}. *Physical Review Letters*, **2018**, 121, 127001	7.4	9

127	Emergence of Kondo Resonance in Graphene Intercalated with Cerium. *Nano Letters*, **2018**, 18, 3661-3666	11.5	9
126	Signature of type-II Weyl semimetal phase in MoTe. *Nature Communications*, **2017**, 8, 13973	17.4	273
125	Ubiquitous strong electron-phonon coupling at the interface of FeSe/SrTiO. *Nature Communications* , **2017**, 8, 14468	17.4	35
124	Ultrafast extreme-ultraviolet ARPES studies of electronic dynamics in two-dimensional materials **2017**,		1
123	Angle-resolved photoemission spectroscopy for the study of two-dimensional materials. *Nano Convergence*, **2017**, 4,	9.2	24
122	Lifshitz Transitions Induced by Temperature and Surface Doping in Type-II Weyl Semimetal Candidate Td-WTe2. *Physica Status Solidi - Rapid Research Letters*, **2017**, 11, 1700209	2.5	9
121	Emergence of charge density waves and a pseudogap in single-layer TiTe. *Nature Communications*, **2017**, 8, 516	17.4	63
120	Temperature-Dependent Electron-Electron Interaction in Graphene on SrTiO. *Nano Letters*, **2017**, 17, 5914-5918	11.5	15
119	Stripes developed at the strong limit of nematicity in FeSe film. *Nature Physics*, **2017**, 13, 957-961	16.2	23
118	Observation of nodal line in non-symmorphic topological semimetal InBi. *New Journal of Physics*, **2017**, 19, 065007	2.9	35
117	Hole doping, hybridization gaps, and electronic correlation in graphene on a platinum substrate. *Nanoscale*, **2017**, 9, 11498-11503	7.7	6
116	Large thermopower from dressed quasiparticles in the layered cobaltates and rhodates. *Physical Review B*, **2017**, 96,	3.3	7
115	How Indium Nitride Senses Water. *Nano Letters*, **2017**, 17, 7339-7344	11.5	13
114	Observation of the topological surface state in the nonsymmorphic topological insulator KHgSb. *Physical Review B*, **2017**, 96,	3.3	11
113	Quantum spin Hall state in monolayer 1TRWTe2. *Nature Physics*, **2017**, 13, 683-687	16.2	399
112	Elemental Topological Dirac Semimetal: □Sn on InSb(111). *Physical Review Letters*, **2017**, 118, 146402	7.4	71
111	Three-dimensional nature of the band structure of ZrTe5 measured by high-momentum-resolution photoemission spectroscopy. *Physical Review B*, **2017**, 95,	3.3	53
110	ARPES study of the epitaxially grown topological crystalline insulator SnTe(111). *Journal of Electron Spectroscopy and Related Phenomena*, **2017**, 219, 35-40	1.7	5

109	Temperature-modulated electronic structure of graphene on SiC: Possible roles of electron-electron interaction and strain. *Applied Physics Letters*, **2017**, 111, 231603	3.4	0
108	Electronic structure of the chiral helimagnet and 3d-intercalated transition metal dichalcogenide Cr1/3NbS2. *Physical Review B*, **2016**, 94,	3.3	19
107	Enhanced superconductivity in surface-electron-doped iron pnictide Ba(FeCo)As. *Nature Materials*, **2016**, 15, 1233-1236	27	12
106	Dimensional Effects on the Charge Density Waves in Ultrathin Films of TiSe. *Nano Letters*, **2016**, 16, 6331-6336	12.3	46
105	Origin of the low critical observing temperature of the quantum anomalous Hall effect in V-doped (Bi, Sb)2Te3 film. *Scientific Reports*, **2016**, 6, 32732	4.9	32
104	Hidden Order and Dimensional Crossover of the Charge Density Waves in TiSe. *Scientific Reports*, **2016**, 6, 37910	4.9	24
103	Electronic Structure, Surface Doping, and Optical Response in Epitaxial WSe2 Thin Films. *Nano Letters*, **2016**, 16, 2485-91	11.5	111
102	Evolution of the Fermi surface of Weyl semimetals in the transition metal pnictide family. *Nature Materials*, **2016**, 15, 27-31	27	202
101	Characterization of collective ground states in single-layer NbSe2. *Nature Physics*, **2016**, 12, 92-97	16.2	376
100	Evolution of the Valley Position in Bulk Transition-Metal Chalcogenides and Their Monolayer Limit. *Nano Letters*, **2016**, 16, 4738-45	11.5	56
99	Raman and fluorescence characteristics of resonant inelastic X-ray scattering from doped superconducting cuprates. *Scientific Reports*, **2016**, 6, 19657	4.9	29
98	Nearly-free-electron system of monolayer Na on the surface of single-crystal HfSe2. *Physical Review B*, **2016**, 94,	3.3	9
97	Magnetic effects in sulfur-decorated graphene. *Scientific Reports*, **2016**, 6, 21460	4.9	11
96	Nonrigid band shift and nonmonotonic electronic structure changes upon doping in the normal state of the pnictide high-temperature superconductor Ba(Fe1−xCox)2As2. *Physical Review B*, **2016**, 94,	3.3	3
95	Superconductivity below 20 K in heavily electron-doped surface layer of FeSe bulk crystal. *Nature Communications*, **2016**, 7, 11116	17.4	31
94	Distinct Electronic Structure for the Extreme Magnetoresistance in YSb. *Physical Review Letters*, **2016**, 117, 267201	7.4	58
93	Observation of unusual topological surface states in half-Heusler compounds LnPtBi (Ln=Lu, Y). *Nature Communications*, **2016**, 7, 12924	17.4	77
92	Charge density wave order in 1D mirror twin boundaries of single-layer MoSe2. *Nature Physics*, **2016**, 12, 751-756	16.2	156

91	Superconducting Gap Anisotropy in Monolayer FeSe Thin Film. *Physical Review Letters*, **2016**, 117, 117001	7.4	66
90	Distinctive orbital anisotropy observed in the nematic state of a FeSe thin film. *Physical Review B*, **2016**, 94,	3.3	54
89	Spin-resolved photoemssion study of epitaxially grown MoSe2 and WSe2 thin films. *Journal of Physics Condensed Matter*, **2016**, 28, 454001	1.8	22
88	Selenium capped monolayer NbSe2 for two-dimensional superconductivity studies. *Physica Status Solidi (B): Basic Research*, **2016**, 253, 2396-2399	1.3	11
87	Soft X-ray angle-resolved photoemission with micro-positioning techniques for metallic V□□ *Journal of Synchrotron Radiation*, **2015**, 22, 776-80	2.4	6
86	Inequivalence of Single-Particle and Population Lifetimes in a Cuprate Superconductor. *Physical Review Letters*, **2015**, 114, 247001	7.4	40
85	Spectroscopic evidence for negative electronic compressibility in a quasi-three-dimensional spin-orbit correlated metal. *Nature Materials*, **2015**, 14, 577-82	27	35
84	Probing the role of interlayer coupling and coulomb interactions on electronic structure in few-layer MoSe□nanostructures. *Nano Letters*, **2015**, 15, 2594-9	11.5	110
83	Negative electronic compressibility and tunable spin splitting in WSe2. *Nature Nanotechnology*, **2015**, 10, 1043-7	28.7	70
82	Weyl semimetal phase in the non-centrosymmetric compound TaAs. *Nature Physics*, **2015**, 11, 728-732	16.2	649
81	Possible role of bonding angle and orbital mixing in iron pnictide superconductivity: Comparative electronic structure studies of LiFeAs and Sr2VO3FeAs. *Physical Review B*, **2015**, 92,	3.3	6
80	Magnetic excitations and phonons simultaneously studied by resonant inelastic x-ray scattering in optimally doped Bi1.5Pb0.55Sr1.6La0.4CuO6+□*Physical Review B*, **2015**, 92,	3.3	20
79	Electron-phonon coupling in a system with broken symmetry: Surface of Be(0001). *Physical Review B*, **2015**, 92,	3.3	9
78	Monolayer charge-neutral graphene on platinum with extremely weak electron-phonon coupling. *Physical Review B*, **2015**, 92,	3.3	11
77	Mott localization in a pure stripe antiferromagnet Rb1□e1.5□2. *Physical Review B*, **2015**, 92,	3.3	10
76	Experimental observation of incoherent-coherent crossover and orbital-dependent band renormalization in iron chalcogenide superconductors. *Physical Review B*, **2015**, 92,	3.3	33
75	Bandwidth and Electron Correlation-Tuned Superconductivity in Rb_{0.8}Fe_{2}(Se_{1-z}S_{z})_{2}. *Physical Review Letters*, **2015**, 115, 256403	7.4	14
74	Charge density wave transition in single-layer titanium diselenide. *Nature Communications*, **2015**, 6, 8943	17.4	154

73	Fermi arcs vs. Fermi pockets in electron-doped perovskite iridates. *Scientific Reports*, **2015**, 5, 8533	4.9	17
72	Observation of universal strong orbital-dependent correlation effects in iron chalcogenides. *Nature Communications*, **2015**, 6, 7777	17.4	110
71	Observation of the intrinsic bandgap behaviour in as-grown epitaxial twisted graphene. *Nature Communications*, **2015**, 6, 5677	17.4	33
70	Interface ferroelectric transition near the gap-opening temperature in a single-unit-cell FeSe film grown on Nb-Doped SrTiO3 substrate. *Physical Review Letters*, **2015**, 114, 037002	7.4	19
69	Superconducting graphene sheets in CaC6 enabled by phonon-mediated interband interactions. *Nature Communications*, **2014**, 5, 3493	17.4	66
68	Dynamic competition between spin-density wave order and superconductivity in underdoped Ba(1-x)K(x)Fe2As2. *Nature Communications*, **2014**, 5, 3711	17.4	29
67	A stable three-dimensional topological Dirac semimetal Cd3As2. *Nature Materials*, **2014**, 13, 677-81	27	1010
66	Electronic structure of a quasi-freestanding MoS□monolayer. *Nano Letters*, **2014**, 14, 1312-6	11.5	110
65	Direct observation of the transition from indirect to direct bandgap in atomically thin epitaxial MoSe2. *Nature Nanotechnology*, **2014**, 9, 111-5	28.7	943
64	Discovery of a three-dimensional topological Dirac semimetal, Na3Bi. *Science*, **2014**, 343, 864-7	33.3	1516
63	Interfacial mode coupling as the origin of the enhancement of T(c) in FeSe films on SrTiO3. *Nature*, **2014**, 515, 245-8	50.4	453
62	Direct observation of bulk charge modulations in optimally doped Bi1.5Pb0.6Sr1.54CaCu2O8+□ *Physical Review B*, **2014**, 89,	3.3	54
61	Giant bandgap renormalization and excitonic effects in a monolayer transition metal dichalcogenide semiconductor. *Nature Materials*, **2014**, 13, 1091-5	27	1150
60	Orbital character and electron correlation effects on two- and three-dimensional Fermi surfaces in KFe2As2 revealed by angle-resolved photoemission spectroscopy. *Frontiers in Physics*, **2014**, 2,	3.9	37
59	Molecular beam epitaxial growth of a three-dimensional topological Dirac semimetal Na3Bi. *Applied Physics Letters*, **2014**, 105, 031901	3.4	31
58	Electronic structure of BaNi2P2 observed by angle-resolved photoemission spectroscopy. *Physical Review B*, **2014**, 89,	3.3	11
57	Quasiparticle dynamics and spin-orbital texture of the SrTiO3 two-dimensional electron gas. *Nature Communications*, **2014**, 5, 3414	17.4	120
56	Mapping the orbital wavefunction of the surface states in three-dimensional topological insulators. *Nature Physics*, **2013**, 9, 499-504	16.2	92

55	Discovery of a single topological Dirac fermion in the strong inversion asymmetric compound BiTeCl. *Nature Physics*, **2013**, 9, 704-708	16.2	59
54	Electronic structure of the metallic antiferromagnet PdCrO2 measured by angle-resolved photoemission spectroscopy. *Physical Review B*, **2013**, 88,	3.3	25
53	Metal insulator transition characteristics of macro-size single domain VO2 crystals. *Phase Transitions*, **2013**, 86, 941-946	1.3	3
52	Observation of temperature-induced crossover to an orbital-selective Mott phase in A(x)Fe(2-y)Se2 (A=K, Rb) superconductors. *Physical Review Letters*, **2013**, 110, 067003	7.4	158
51	Measurement of coherent polarons in the strongly coupled antiferromagnetically ordered iron-chalcogenide Fe1.02Te using angle-resolved photoemission spectroscopy. *Physical Review Letters*, **2013**, 110, 037003	7.4	41
50	Interaction of itinerant electrons and spin fluctuations in electron-doped cuprates. *Physical Review B*, **2013**, 87,	3.3	9
49	Observing electronic structures on ex-situ grown topological insulator thin films. *Physica Status Solidi - Rapid Research Letters*, **2013**, 7, 130-132	2.5	10
48	Oscillatory surface dichroism of the insulating topological insulator Bi2Te2Se. *Physical Review B*, **2013**, 88,	3.3	33
47	Anomalous change in dielectric constant of CaCu3Ti4O12 under violet-to-ultraviolet irradiation. *Applied Physics Letters*, **2013**, 102, 202903	3.4	19
46	Broken relationship between superconducting pairing interaction and electronic dispersion kinks in La2−xSrxCuO4 measured by angle-resolved photoemission. *Physical Review B*, **2013**, 88,	3.3	17
45	Role of joule heating effect and bulk-surface phases in voltage-driven metal-insulator transition in VO2 crystal. *Applied Physics Letters*, **2013**, 103, 061902	3.4	48
44	Robust topological surface state against direct surface contamination. *Physica E: Low-Dimensional Systems and Nanostructures*, **2012**, 44, 891-894	3	17
43	Phase competition in trisected superconducting dome. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 18332-7	11.5	194
42	Controlling the carriers of topological insulators by bulk and surface doping. *Semiconductor Science and Technology*, **2012**, 27, 124002	1.8	36
41	Subband structure of a two-dimensional electron gas formed at the polar surface of the strong spin-orbit perovskite KTaO3. *Physical Review Letters*, **2012**, 108, 117602	7.4	139
40	Superconductivity distorted by the coexisting pseudogap in the antinodal region of Bi1.5Pb0.55Sr1.6La0.4CuO6+δA photon-energy-dependent angle-resolved photoemission study. *Physical Review B*, **2012**, 86,	3.3	12
39	Fermi velocity engineering in graphene by substrate modification. *Scientific Reports*, **2012**, 2,	4.9	269
38	Emerging coherence with unified energy, temperature, and lifetime scale in heavy fermion YbRh2Si2. *Physical Review B*, **2012**, 85,	3.3	23

37	Upgrade of the beamline 10.0.1 at the advanced light source **2012**,		2
36	Ambipolar field effect in the ternary topological insulator (Bi(x)Sb(1-x))2Te3 by composition tuning. *Nature Nanotechnology*, **2011**, 6, 705-9	28.7	311
35	From a single-band metal to a high-temperature superconductor via two thermal phase transitions. *Science*, **2011**, 331, 1579-83	33.3	256
34	Creation and control of a two-dimensional electron liquid at the bare SrTiO3 surface. *Nature Materials*, **2011**, 10, 114-8	27	401
33	Doping dependence of the ( ) shadow band in La-based cuprates studied by angle-resolved photoemission spectroscopy. *New Journal of Physics*, **2011**, 13, 013031	2.9	17
32	Nonpercolative metal-insulator transition in VO2 single crystals. *Physical Review B*, **2011**, 84,	3.3	34
31	Evidence for the constancy of U in the Mott transition of V2O3. *Physical Review B*, **2011**, 84,	3.3	25
30	High-energy anomaly in Nd2 CexCuO4 investigated by angle-resolved photoemission spectroscopy and quantum Monte Carlo simulations. *Physical Review B*, **2011**, 83,	3.3	8
29	Hidden itinerant-spin phase in heavily overdoped La(2-x)Sr(x)CuO4 superconductors revealed by dilute Fe doping: a combined neutron scattering and angle-resolved photoemission study. *Physical Review Letters*, **2011**, 107, 127002	7.4	26
28	Symmetry-breaking orbital anisotropy observed for detwinned Ba(Fe1-xCox)2As2 above the spin density wave transition. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 6878-6883	11.5	409
27	ARPES studies of cuprate Fermiology: superconductivity, pseudogap and quasiparticle dynamics. *New Journal of Physics*, **2010**, 12, 105008	2.9	91
26	Strong energy omentum dispersion of phonon-dressed carriers in the lightly doped band insulator SrTiO3. *New Journal of Physics*, **2010**, 12, 023004	2.9	51
25	Massive Dirac fermion on the surface of a magnetically doped topological insulator. *Science*, **2010**, 329, 659-62	33.3	913
24	Single Dirac cone topological surface state and unusual thermoelectric property of compounds from a new topological insulator family. *Physical Review Letters*, **2010**, 105, 266401	7.4	167
23	Unconventional electronic reconstruction in undoped (Ba,Sr)Fe2As2 across the spin density wave transition. *Physical Review B*, **2009**, 80,	3.3	124
22	Electronic structure of the BaFe2As2 family of iron-pnictide superconductors. *Physical Review B*, **2009**, 80,	3.3	110
21	Quantum critical scaling in the single-particle spectrum of a novel anisotropic metal. *Physical Review Letters*, **2009**, 103, 136401	7.4	21
20	Energy gaps in the failed high-Tc superconductor La1.875Ba0.125CuO4. *Nature Physics*, **2009**, 5, 119-123	16.2	90

19	ARPES studies of the electronic structure of LaOFe(P, As). *Physica C: Superconductivity and Its Applications*, **2009**, 469, 452-458	1.3	63
18	Experimental realization of a three-dimensional topological insulator, Bi2Te3. *Science*, **2009**, 325, 178-81	33.3	2650
17	Electronic structure of the iron-based superconductor LaOFeP. *Nature*, **2008**, 455, 81-4	50.4	258
16	Extracting the spectral function of the cuprates by a full two-dimensional analysis: Angle-resolved photoemission spectra of Bi2Sr2CuO6. *Physical Review B*, **2008**, 77,	3.3	21
15	New Luttinger-liquid physics from angle-resolved photoemission on a paradigm material. *Physica B: Condensed Matter*, **2008**, 403, 1490-1493	2.8	4
14	New Luttinger-liquid physics from photoemission on Li0.9M06O17. *Physical Review Letters*, **2006**, 96, 196403	7.4	54
13	Case for bulk nature of spectroscopic Luttinger liquid signatures observed in angle-resolved photoemission spectra of Li0.9Mo6O17. *Physical Review B*, **2006**, 74,	3.3	14
12	Photoemission study of (V1□Mx)2O3 (M=Cr,Ti). *Physical Review B*, **2006**, 74,	3.3	50
11	Static versus dynamical mean-field theory of Mott antiferromagnets. *Physical Review B*, **2006**, 73,	3.3	59
10	Full orbital calculation scheme for materials with strongly correlated electrons. *Physical Review B*, **2005**, 71,	3.3	233
9	Two aspects of the Mott□Hubbard transition in Cr-doped. *Physica B: Condensed Matter*, **2005**, 359-361, 642-644	2.8	4
8	Hidden one-dimensional electronic structure and non-Fermi-liquid angle-resolved photoemission line shapes of □Mo4O11. *Physical Review B*, **2005**, 72,	3.3	6
7	Filling of the mott-hubbard gap in the high temperature photoemission spectrum of (V0.972Cr0.028)2O3. *Physical Review Letters*, **2004**, 93, 076404	7.4	30
6	Luttinger liquid angle-resolved photoemission line shapes from samples of Li0.9Mo6O17 grown by the temperature-gradient-flux technique. *Physical Review B*, **2004**, 70,	3.3	15
5	Distortion of V 3d line shape due to Auger emission in resonant photoemission spectra of (V1□Crx)2O3 at the V 2p-□3d absorption edge. *Physica B: Condensed Matter*, **2004**, 351, 235-239	2.8	3
4	Prominent quasiparticle peak in the photoemission spectrum of the metallic phase of V2O3. *Physical Review Letters*, **2003**, 90, 186403	7.4	130
3	ARPES study of X-point band overlaps in LaB6 and SmB6 □contrast to SrB6 and EuB6. *Physica B: Condensed Matter*, **2002**, 312-313, 668-669	2.8	9
2	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	1.5	11

1	Evidence for quantum spin liquid behaviour in single-layer 1T-TaSe2 from scanning tunnelling microscopy. *Nature Physics*,	16.2	13