

# Michael R Norman

## 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.

242  
papers

14,843  
citations

59  
h-index

115  
g-index

263  
ext. papers

16,439  
ext. citations

6.5  
avg, IF

6.82  
L-index

#	Paper	IF	Citations
242	Low Valence Nickelates: Launching the Nickel Age of Superconductivity. <i>Frontiers in Physics</i> , <b>2022</b> , 9,	3.9	2
241	Mirror symmetry breaking in a model insulating cuprate. <i>Nature Physics</i> , <b>2021</b> , 17, 777-781	16.2	4
240	Fragile superconductivity at high magnetic fields. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	1
239	Strong Superexchange in a $d^9$ Nickelate Revealed by Resonant Inelastic X-Ray Scattering. <i>Physical Review Letters</i> , <b>2021</b> , 126, 087001	7.4	18
238	Striped electron fluid on (111) KTaO <sub>3</sub> . <i>Physical Review B</i> , <b>2021</b> , 103,	3.3	2
237	Many-Body Electronic Structure of NdNiO <sub>2</sub> and CaCuO <sub>2</sub> . <i>Physical Review X</i> , <b>2020</b> , 10,	9.1	46
236	Observation of an antiferromagnetic quantum critical point in high-purity LaNiO. <i>Nature Communications</i> , <b>2020</b> , 11, 1402	17.4	6
235	Similarities and Differences between LaNiO <sub>2</sub> and CaCuO <sub>2</sub> and Implications for Superconductivity. <i>Physical Review X</i> , <b>2020</b> , 10,	9.1	84
234	Crystal structure of the inversion-breaking metal Cd <sub>2</sub> Re <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	4
233	Quantum spin liquids. <i>Science</i> , <b>2020</b> , 367,	33.3	159
232	Comparative many-body study of Pr <sub>4</sub> Ni <sub>3</sub> O <sub>8</sub> and NdNiO <sub>2</sub> . <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	16
231	Valence bond phases of herbertsmithite and related copper kagome materials. <i>Physical Review Research</i> , <b>2020</b> , 2,	3.9	8
230	Intertwined density waves in a metallic nickelate. <i>Nature Communications</i> , <b>2020</b> , 11, 6003	17.4	3
229	Pressure-Induced Collapse of Magnetic Order in Jarosite. <i>Physical Review Letters</i> , <b>2020</b> , 125, 077202	7.4	0
228	Spin Stripe Order in a Square Planar Trilayer Nickelate. <i>Physical Review Letters</i> , <b>2019</b> , 122, 247201	7.4	29
227	Electronic structure and magnetism of transition metal dihalides: Bulk to monolayer. <i>Physical Review Materials</i> , <b>2019</b> , 3,	3.2	51
226	Averievite: A copper oxide kagome antiferromagnet. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	16

225	Layered palladates and their relation to nickelates and cuprates. <i>Physical Review Materials</i> , <b>2018</b> , 2,	3.2	10
224	Spectroscopic Evidence for a Pseudogap in the Normal State of Underdoped High-Tc Superconductors. <i>Peking University-World Scientific Advanced Physics Series</i> , <b>2018</b> , 57-66	0	
223	Copper tellurium oxides [A playground for magnetism. <i>Journal of Magnetism and Magnetic Materials</i> , <b>2018</b> , 452, 507-511	2.8	7
222	Quantum oscillations in a biaxial pair density wave state. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 5389-5391	11.5	23
221	Large orbital polarization in a metallic square-planar nickelate. <i>Nature Physics</i> , <b>2017</b> , 13, 864-869	16.2	86
220	Nature of the tensor order in Cd <sub>2</sub> Re <sub>2</sub> O <sub>7</sub> . <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	18
219	Separation of electron and hole dynamics in the semimetal LaSb. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	21
218	Electronic structure of CuTeO <sub>4</sub> and its relationship to cuprates. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	4
217	Symmetry-Enforced Line Nodes in Unconventional Superconductors. <i>Physical Review Letters</i> , <b>2017</b> , 118, 207001	7.4	19
216	Nodal lines and nodal loops in nonsymmorphic odd-parity superconductors. <i>Physical Review B</i> , <b>2017</b> , 95,	3.3	12
215	Electron doped layered nickelates: Spanning the phase diagram of the cuprates. <i>Physical Review Materials</i> , <b>2017</b> , 1,	3.2	31
214	Measurement of the dynamic charge response of materials using low-energy, momentum-resolved electron energy-loss spectroscopy (M-EELS). <i>SciPost Physics</i> , <b>2017</b> , 3,	6.1	24
213	Magnetic ground state of Sr <sub>2</sub> IrO <sub>4</sub> and implications for second-harmonic generation. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	18
212	Correlated impurities and intrinsic spin-liquid physics in the kagome material herbertsmithite. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	72
211	Charge ordering in Ni <sup>1+</sup> /Ni <sup>2+</sup> nickelates: La <sub>4</sub> Ni <sub>3</sub> O <sub>8</sub> and La <sub>3</sub> Ni <sub>2</sub> O <sub>6</sub> . <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	27
210	Destroying Coherence in High-Temperature Superconductors with Current Flow. <i>Physical Review X</i> , <b>2016</b> , 6,	9.1	7
209	Stacked charge stripes in the quasi-2D trilayer nickelate La <sub>4</sub> Ni <sub>3</sub> O <sub>8</sub> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 8945-50	11.5	49
208	Domain behavior in functional materials studied using Lorentz microscopy. <i>Microscopy and Microanalysis</i> , <b>2016</b> , 22, 1680-1681	0.5	

207	Colloquium: Herbertsmithite and the search for the quantum spin liquid. <i>Reviews of Modern Physics</i> , <b>2016</b> , 88,	40.5	222
206	Materials design for new superconductors. <i>Reports on Progress in Physics</i> , <b>2016</b> , 79, 074502	14.4	41
205	Emergence of coherence in the charge-density wave state of 2H-NbSe <sub>2</sub> . <i>Nature Communications</i> , <b>2015</b> , 6, 6313	17.4	82
204	Linear dichroism and the nature of charge order in underdoped cuprates. <i>Physical Review B</i> , <b>2015</b> , 91,	3.3	3
203	Strong coupling critique of spin fluctuation driven charge order in underdoped cuprates. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	18
202	Dichroism as a probe for parity-breaking phases of spin-orbit coupled metals. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	7
201	Ferromagnetic domain behavior and phase transition in bilayer manganites investigated at the nanoscale. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	5
200	Vector optical activity in the Weyl semimetal TaAs. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	1
199	From quantum matter to high-temperature superconductivity in copper oxides. <i>Nature</i> , <b>2015</b> , 518, 179-86	30.4	1021
198	Effect of the pseudogap on the transition temperature in the cuprates and implications for its origin. <i>Nature Physics</i> , <b>2014</b> , 10, 357-360	16.2	45
197	Focus on fermiology of the cuprates. <i>New Journal of Physics</i> , <b>2014</b> , 16, 045004	2.9	3
196	Symmetry of the charge density wave in cuprates. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	19
195	Unconventional superconductivity <b>2014</b> , 23-79		4
194	Quantum phase transition from triangular to stripe charge order in NbSe <sub>2</sub> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 1623-7	11.5	110
193	Equivalence of single-particle and transport lifetimes from hybridization fluctuations. <i>Physical Review Letters</i> , <b>2013</b> , 110, 066402	7.4	6
192	X-ray natural dichroism and chiral order in underdoped cuprates. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	5
191	Universal features in the photoemission spectroscopy of high-temperature superconductors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 17774-7	11.5	11
190	Cuprates—An Overview. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>2012</b> , 25, 2131-2134	1.5	12

189	Orbital currents, anapoles, and magnetic quadrupoles in CuO. <i>Physical Review B</i> , <b>2012</b> , 85,	3-3	13
188	Nematic spin fluid in the tetragonal phase of BaFe <sub>2</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2011</b> , 84,	3-3	172
187	Nernst effect from fluctuating pairs in the pseudogap phase of the cuprates. <i>Physical Review B</i> , <b>2011</b> , 83,	3-3	29
186	The challenge of unconventional superconductivity. <i>Science</i> , <b>2011</b> , 332, 196-200	33-3	280
185	Proposed Giaever transformer to probe the pseudogap phase of cuprates. <i>Physical Review B</i> , <b>2011</b> , 83,	3-3	2
184	Ortho-II band folding in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> films revealed by angle-resolved photoemission. <i>Physical Review B</i> , <b>2011</b> , 83,	3-3	25
183	Modulated spin liquid: a new paradigm for URu <sub>2</sub> Si <sub>2</sub> . <i>Physical Review Letters</i> , <b>2011</b> , 106, 106601	7-4	55
182	Effect of Fermi surface nesting on resonant spin excitations in Ba(1-x)K(x)Fe <sub>2</sub> As <sub>2</sub> . <i>Physical Review Letters</i> , <b>2011</b> , 107, 177003	7-4	62
181	Electronic phase diagram of high-temperature copper oxide superconductors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 9346-9	11-5	54
180	Observation of a d-wave nodal liquid in highly underdoped Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> +δ. <i>Nature Physics</i> , <b>2010</b> , 6, 99-103	16.2	63
179	Transport implications of Fermi arcs in the pseudogap phase of the cuprates. <i>Physical Review B</i> , <b>2010</b> , 82,	3-3	16
178	Spin Hamiltonian of hyper-kagome Na <sub>4</sub> Ir <sub>3</sub> O <sub>8</sub> . <i>Physical Review B</i> , <b>2010</b> , 81,	3-3	22
177	Comment on "Circular dichroism in the angle-resolved photoemission spectrum of the high-temperature Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> +δ superconductor: can these measurements be interpreted as evidence for time-reversal symmetry breaking?". <i>Physical Review Letters</i> , <b>2010</b> , 105, 189701; author reply 189702	7-4	4
176	Anisotropic neutron spin resonance in superconducting BaFe <sub>1.9</sub> Ni <sub>0.1</sub> As <sub>2</sub> . <i>Physical Review B</i> , <b>2010</b> , 82,	3-3	51
175	Lifshitz transition in underdoped cuprates. <i>Physical Review B</i> , <b>2010</b> , 81,	3-3	39
174	Electronic structure of hyper-kagome Na <sub>4</sub> Ir <sub>3</sub> O <sub>8</sub> . <i>Physical Review B</i> , <b>2010</b> , 81,	3-3	29
173	Spin zeros and the origin of Fermi-surface reconstruction in the cuprates. <i>Physical Review B</i> , <b>2010</b> , 82,	3-3	7
172	Odd parity and line nodes in nonsymmorphic superconductors. <i>Physical Review B</i> , <b>2009</b> , 80,	3-3	32

171	How to measure a spinon fermi surface. <i>Physical Review Letters</i> , <b>2009</b> , 102, 067204	7.4	19
170	Spectroscopic evidence for preformed Cooper pairs in the pseudogap phase of cuprates. <i>Europhysics Letters</i> , <b>2009</b> , 88, 27008	1.6	21
169	Physics. Chasing arcs in cuprate superconductors. <i>Science</i> , <b>2009</b> , 325, 1080-1	33.3	4
168	Nature of spectral gaps due to pair formation in superconductors. <i>Physical Review B</i> , <b>2009</b> , 80,	3.3	11
167	Modulated pairs in superconducting cuprates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 3173-4	11.5	9
166	The Fermi surface and f-valence electron count of UPt3. <i>New Journal of Physics</i> , <b>2008</b> , 10, 053029	2.9	32
165	Multiscale fluctuations near a Kondo breakdown quantum critical point. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	36
164	Orbital mixing and nesting in the bilayer manganites La <sub>2-2x</sub> Sr <sub>1+2x</sub> Mn <sub>2</sub> O <sub>7</sub> . <i>Physical Review Letters</i> , <b>2008</b> , 101, 236402	7.4	13
163	One-gap scenario to explain Raman scattering in a d-wave superconductor. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	10
162	Coherent d-wave superconducting gap in underdoped La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> by angle-resolved photoemission spectroscopy. <i>Physical Review Letters</i> , <b>2008</b> , 101, 047002	7.4	78
161	Evidence for pairing above the transition temperature of cuprate superconductors from the electronic dispersion in the pseudogap phase. <i>Physical Review Letters</i> , <b>2008</b> , 101, 137002	7.4	103
160	Quasiparticle mirages in the tunneling spectra of d-wave superconductors. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	2
159	Gap anisotropy and universal pairing scale in a spin-fluctuation model of cuprate superconductors. <i>Physical Review B</i> , <b>2008</b> , 78,	3.3	46
158	Photoemission in the High-Tc Superconductors <b>2008</b> , 923-992		2
157	Modeling the Fermi arc in underdoped cuprates. <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	117
156	Dynamic spin-response function of the high-temperature Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> + $\delta$ superconductor from angle-resolved photoemission spectra. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	11
155	Gapless pairing and the Fermi arc in the cuprates. <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	47
154	Optical integral in the cuprates and the question of sum-rule violation. <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	19

153	Anomalous dispersion in the autocorrelation of angle-resolved photoemission spectra of high-temperature $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ superconductors. <i>Physical Review B</i> , <b>2007</b> , 76,	3-3	12
152	Linear response theory and the universal nature of the magnetic excitation spectrum of the cuprates. <i>Physical Review B</i> , <b>2007</b> , 75,	3-3	52
151	X-ray dichroism and the pseudogap phase of cuprates. <i>Physical Review B</i> , <b>2007</b> , 76,	3-3	11
150	Antiphase stripe order as the origin of electron pockets observed in $1/8$ -hole-doped cuprates. <i>Physical Review B</i> , <b>2007</b> , 76,	3-3	162
149	Kondo breakdown and hybridization fluctuations in the kondo-heisenberg lattice. <i>Physical Review Letters</i> , <b>2007</b> , 98, 026402	7-4	109
148	Protected nodes and the collapse of Fermi arcs in high- $T_c$ cuprate superconductors. <i>Physical Review Letters</i> , <b>2007</b> , 99, 157001	7-4	126
147	High-frequency behavior of the infrared conductivity of cuprates. <i>Physical Review B</i> , <b>2006</b> , 73,	3-3	47
146	Change of Fermi-surface topology in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ with doping. <i>Physical Review B</i> , <b>2006</b> , 73,	3-3	59
145	Quantum critical end point for the Kondo volume collapse model. <i>Physical Review Letters</i> , <b>2006</b> , 97, 185701	7-4	22
144	Nondispersive Fermi arcs and the absence of charge ordering in the pseudogap phase of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ . <i>Physical Review Letters</i> , <b>2006</b> , 96, 107006	7-4	62
143	Evolution of the pseudogap from Fermi arcs to the nodal liquid. <i>Nature Physics</i> , <b>2006</b> , 2, 447-451	16.2	363
142	Novel neutron resonance mode in $dx^2-y^2$ -wave superconductors. <i>Physical Review Letters</i> , <b>2005</b> , 94, 147001	7-4	106
141	Momentum anisotropy of the scattering rate in cuprate superconductors. <i>Physical Review B</i> , <b>2005</b> , 71,	3-3	76
140	The pseudogap: friend or foe of high $T_c$ ?. <i>Advances in Physics</i> , <b>2005</b> , 54, 715-733	18.4	403
139	Hall number in $\text{YbRh}_2\text{Si}_2$ . <i>Physical Review B</i> , <b>2005</b> , 71,	3-3	26
138	Pseudogaps in nested antiferromagnets. <i>Physical Review B</i> , <b>2004</b> , 69,	3-3	10
137	Identifying the background signal in angle-resolved photoemission spectra of high-temperature cuprate superconductors. <i>Physical Review B</i> , <b>2004</b> , 69,	3-3	27
136	Dispersion anomalies in cuprate superconductors. <i>Physical Review B</i> , <b>2004</b> , 70,	3-3	49

135	Magnetotransport near a quantum critical point in a simple metal. <i>Physical Review B</i> , <b>2004</b> , 69,	3-3	19
134	Physics. Have cuprates earned their stripes?. <i>Science</i> , <b>2004</b> , 303, 1985-6	33-3	9
133	Photoemission in the High-Tc Superconductors <b>2004</b> , 167-273		64
132	Effect of the magnetic resonance on the electronic spectra of high-Tc superconductors. <i>Physical Review B</i> , <b>2003</b> , 67,	3-3	100
131	The electronic nature of high temperature cuprate superconductors. <i>Reports on Progress in Physics</i> , <b>2003</b> , 66, 1547-1610	14.4	182
130	Crossover from coherent to incoherent electronic excitations in the normal state of Bi(2)Sr(2)CaCu(2)O(8+delta). <i>Physical Review Letters</i> , <b>2003</b> , 90, 207003	7.4	73
129	Hall effect in nested antiferromagnets near the quantum critical point. <i>Physical Review Letters</i> , <b>2003</b> , 90, 116601	7.4	41
128	Quasiparticle formation and optical sum rule violation in cuprate superconductors. <i>Physical Review B</i> , <b>2002</b> , 66,	3-3	50
127	Dispersion anomalies in bilayer cuprates and the odd symmetry of the magnetic resonance. <i>Physical Review Letters</i> , <b>2002</b> , 89, 277005	7.4	44
126	Neutron resonance in the cuprates and its effect on fermionic excitations. <i>Physical Review Letters</i> , <b>2002</b> , 89, 177002	7.4	87
125	The role of angle-resolved photoemission in understanding the high temperature superconductors. <i>Journal of Physics and Chemistry of Solids</i> , <b>2001</b> , 62, 35-39	3.9	8
124	Magnetic collective mode dispersion in high-temperature superconductors. <i>Physical Review B</i> , <b>2001</b> , 63,	3-3	74
123	Influence of vortices on the magnetic resonance in cuprate superconductors. <i>Physical Review B</i> , <b>2001</b> , 64,	3-3	10
122	Determination of the Fermi surface in high-Tc superconductors by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>2001</b> , 63,	3-3	59
121	Neutron resonance in high-Tc superconductors is not the $\bar{1}$ particle. <i>Physical Review B</i> , <b>2001</b> , 63,	3-3	44
120	Temperature evolution of the spectral peak in high-temperature superconductors. <i>Physical Review B</i> , <b>2001</b> , 63,	3-3	21
119	Momentum distribution curves in the superconducting state. <i>Physical Review B</i> , <b>2001</b> , 64,	3-3	32
118	Renormalization of spectral line shape and dispersion below Tc in Bi2Sr2CaCu2O8+delta. <i>Physical Review Letters</i> , <b>2001</b> , 86, 1070-3	7.4	293



117	Heavy fermion superconductivity. <i>Physica B: Condensed Matter</i> , <b>2000</b> , 280, 165-171	2.8	20
116	Photoemission and the origin of high temperature superconductivity. <i>Physica C: Superconductivity and Its Applications</i> , <b>2000</b> , 341-348, 2063-2066	1.3	1
115	PROXIMITY OF THE METAL-INSULATOR/MAGNETIC TRANSITION AND ITS IMPACT ON THE ONE-ELECTRON SPECTRAL FUNCTION: A DOPING-DEPENDENT ARPES STUDY. <i>International Journal of Modern Physics B</i> , <b>2000</b> , 14, 3596-3601	1.1	2
114	Relation of neutron incommensurability to electronic structure in high-temperature superconductors. <i>Physical Review B</i> , <b>2000</b> , 61, 14751-14758	3.3	92
113	Quasiparticles in the superconducting state of Bi(2)Sr(2)CaCu(2)O(8+delta). <i>Physical Review Letters</i> , <b>2000</b> , 84, 1788-91	7.4	176
112	Neutron resonance: modeling photoemission and tunneling data in the superconducting state of Bi2Sr2CaCu2O8+delta. <i>Physical Review Letters</i> , <b>2000</b> , 85, 3261-4	7.4	181
111	Condensation energy and spectral functions in high-temperature superconductors. <i>Physical Review B</i> , <b>2000</b> , 61, 14742-14750	3.3	52
110	Fermi surface of Bi2Sr2CaCu2O8. <i>Physical Review Letters</i> , <b>2000</b> , 84, 4449-52	7.4	90
109	Evolution of the pairing pseudogap in the spectral function with interplane anisotropy. <i>Physical Review B</i> , <b>1999</b> , 59, 1474-1480	3.3	15
108	Electronic Spectra and Their Relation to the (J) Collective Mode in High- Tc Superconductors. <i>Physical Review Letters</i> , <b>1999</b> , 83, 3709-3712	7.4	297
107	Extraction of the electron self-energy from angle-resolved photoemission data: Application to Bi2Sr2CaCu2O8+x. <i>Physical Review B</i> , <b>1999</b> , 60, 7585-7590	3.3	43
106	Incoherent Pair Tunneling as a Probe of the Cuprate Pseudogap. <i>Physical Review Letters</i> , <b>1999</b> , 82, 4304-4307	7.4	19
105	Hot Spots on the Fermi Surface of Bi2Sr2CaCu2O8+δ Stripes versus Superstructure. <i>Physical Review Letters</i> , <b>1999</b> , 82, 2618-2618	7.4	15
104	CHANGES IN SUPERCONDUCTING GAP ANISOTROPY WITH DOPING AND IMPLICATIONS FOR THE PENETRATION DEPTH. <i>International Journal of Modern Physics B</i> , <b>1999</b> , 13, 3709-3711	1.1	1
103	Destruction of the Fermi surface in underdoped cuprates. <i>Physica B: Condensed Matter</i> , <b>1999</b> , 259-261, 517-521	2.8	11
102	BSCCO Superconductors: Hole-Like Fermi Surface and Doping Dependence of the Gap Function. <i>Journal of Low Temperature Physics</i> , <b>1999</b> , 117, 365-369	1.3	5
101	Superconducting Gap Anisotropy and Quasiparticle Interactions: A Doping Dependent Photoemission Study. <i>Physical Review Letters</i> , <b>1999</b> , 83, 840-843	7.4	244
100	Photoelectron escape depth and inelastic secondaries in high-temperature superconductors. <i>Physical Review B</i> , <b>1999</b> , 59, 11191-11192	3.3	24

99	Destruction of the Fermi Surface in Underdoped Cuprates. <i>Springer Series in Solid-state Sciences</i> , <b>1999</b> , 152-162	0.4	3
98	Destruction of the Fermi surface in underdoped high-Tc superconductors. <i>Nature</i> , <b>1998</b> , 392, 157-160	50.4	870
97	ARPES study of the superconducting gap and pseudogap in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+x</sub> . <i>Journal of Physics and Chemistry of Solids</i> , <b>1998</b> , 59, 1888-1891	3.9	53
96	ELECTRON SELF-ENERGY OF HIGH TEMPERATURE SUPERCONDUCTORS AS REVEALED BY ANGLE-RESOLVED PHOTOEMISSION. <i>Journal of Physics and Chemistry of Solids</i> , <b>1998</b> , 59, 1902-1906	3.9	2
95	Collective modes and the superconducting-state spectral function of Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> . <i>Physical Review B</i> , <b>1998</b> , 57, R11089-R11092	3.3	88
94	A mean field theory of magnets with competing double exchange and superexchange interactions. <i>Journal of Applied Physics</i> , <b>1998</b> , 83, 7360-7362	2.5	7
93	Phenomenology of the low-energy spectral function in high-Tc superconductors. <i>Physical Review B</i> , <b>1998</b> , 57, R11093-R11096	3.3	252
92	Some aspects of the theory of magnets with competing double exchange and superexchange interactions. <i>Physical Review B</i> , <b>1998</b> , 58, 8617-8626	3.3	29
91	Evolution of the Fermi Surface with Carrier Concentration in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+<math>\delta</math></sub> <i>Physical Review Letters</i> , <b>1997</b> , 78, 2628-2631	7.4	223
90	Unusual Dispersion and Line Shape of the Superconducting State Spectra of Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+<math>\delta</math></sub> <i>Physical Review Letters</i> , <b>1997</b> , 79, 3506-3509	7.4	206
89	Spectroscopic evidence for a pseudogap in the normal state of underdoped high-Tc superconductors. <i>Nature</i> , <b>1996</b> , 382, 51-54	50.4	1160
88	Heat transport and the nature of the order parameter in superconducting UPt <sub>3</sub> . <i>Physical Review B</i> , <b>1996</b> , 53, 5706-5715	3.3	51
87	Direct observation of particle-hole mixing in the superconducting state by angle-resolved photoemission. <i>Physical Review B</i> , <b>1996</b> , 53, R14737-R14740	3.3	99
86	Absence of persistent magnetic oscillations in type-II superconductors. <i>Physical Review B</i> , <b>1996</b> , 54, 4239-4245	3.3	29
85	Contrasting dynamic spin susceptibility models and their relation to high-temperature superconductivity. <i>Physical Review B</i> , <b>1996</b> , 54, 13295-13305	3.3	12
84	Angle-resolved photoemission spectroscopy study of the superconducting gap anisotropy in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+x</sub> . <i>Physical Review B</i> , <b>1996</b> , 54, R9678-R9681	3.3	248
83	Electronic excitations in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> : Fermi surface, dispersion, and absence of bilayer splitting. <i>Physical Review Letters</i> , <b>1996</b> , 76, 1533-1536	7.4	215
82	Arpes studies in the normal and superconducting state of Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> . <i>Journal of Physics and Chemistry of Solids</i> , <b>1995</b> , 56, 1863-1864	3.9	

81	Momentum Dependence of the Superconducting Gap in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> . <i>Physical Review Letters</i> , <b>1995</b> , 74, 2784-2787	7.4	221
80	Polarization selection rules and superconducting gap anisotropy in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> . <i>Physical Review B</i> , <b>1995</b> , 52, 15107-15110	3.3	25
79	Phenomenological models for the gap anisotropy of Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> as measured by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , <b>1995</b> , 52, 615-622	3.3	263
78	Odd parity and line nodes in heavy-fermion superconductors. <i>Physical Review B</i> , <b>1995</b> , 52, 15093-15094	3.3	23
77	Phenomenological BCS theory of the high-T <sub>c</sub> cuprates. <i>Physical Review Letters</i> , <b>1995</b> , 74, 3884-3887	7.4	55
76	Magnetic oscillations and quasiparticle band structure in the mixed state of type-II superconductors. <i>Physical Review B</i> , <b>1995</b> , 51, 5927-5942	3.3	58
75	Momentum Dependence of the Superconducting Gap in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> . <i>Physical Review Letters</i> , <b>1995</b> , 75, 1425-1425	7.4	19
74	Multiplet effects in the quasiparticle band structure of the f1-f2 Anderson model. <i>Physical Review B</i> , <b>1995</b> , 51, 6167-6170	3.3	12
73	Calculation of effective Coulomb interaction for Pr <sup>3+</sup> , U <sup>4+</sup> , and UPt <sub>3</sub> . <i>Physical Review B</i> , <b>1995</b> , 52, 1421-1424	3.3	30
72	Gap renormalization in dirty anisotropic superconductors: Implications for the order parameter of the cuprates. <i>Physical Review B</i> , <b>1994</b> , 50, 3495-3498	3.3	120
71	Hund's rule theory for heavy fermion superconductors. <i>Physical Review Letters</i> , <b>1994</b> , 72, 2077-2080	7.4	26
70	Orbitally degenerate spin-fluctuation model for heavy-fermion superconductivity. <i>Physical Review B</i> , <b>1994</b> , 50, 6904-6918	3.3	20
69	Relation of extended Van Hove singularities to high-temperature superconductivity within strong-coupling theory. <i>Physical Review B</i> , <b>1994</b> , 50, 9554-9560	3.3	63
68	Symmetry of the gap in Bi <sub>2212</sub> from photoemission spectroscopy. <i>Physical Review Letters</i> , <b>1994</b> , 73, 3044-3044	7.4	6
67	Spin dynamics and implications for superconductivity: some problems with the d-wave scenario. <i>Journal of Superconductivity and Novel Magnetism</i> , <b>1994</b> , 7, 563-570		8
66	Can impurity effects help to identify the symmetry of the order parameter of the cuprates?. <i>Physica C: Superconductivity and Its Applications</i> , <b>1994</b> , 235-240, 2407-2408	1.3	8
65	Landau level quantization and superconductivity. <i>Physica B: Condensed Matter</i> , <b>1993</b> , 184, 337-340	2.8	5
64	Quantum Mechanics and Superconductivity in a Magnetic Field. <i>Australian Journal of Physics</i> , <b>1993</b> , 46, 333		9

63	Role of Van Hove singularities and momentum-space structure in high-temperature superconductivity. <i>Physical Review B</i> , <b>1993</b> , 48, 15957-15965	3-3	31
62	Predictions for impurity-induced T <sub>c</sub> suppression in the high-temperature superconductors. <i>Physical Review B</i> , <b>1993</b> , 48, 653-656	3-3	153
61	Effect of structure on the electronic density of states of doped lanthanum cuprate. <i>Physical Review B</i> , <b>1993</b> , 48, 9935-9937	3-3	20
60	Existence of the FFLO state in superconducting UPd <sub>2</sub> Al <sub>3</sub> . <i>Physical Review Letters</i> , <b>1993</b> , 71, 3391	7-4	50
59	Effect of matrix elements on the pairing kernel in heavy-fermion superconductors. <i>Physical Review B</i> , <b>1993</b> , 48, 6315-6318	3-3	3
58	After seven years, where's the consensus?. <i>Journal of Physics and Chemistry of Solids</i> , <b>1993</b> , 54, 1165-1168	3-9	5
57	Constraints on superconducting transition temperatures in the cuprates: Antiferromagnetic spin fluctuations. <i>Physical Review B</i> , <b>1992</b> , 46, 11975-11985	3-3	54
56	Landau quantization and particle-particle ladder sums in a magnetic field. <i>Physical Review B</i> , <b>1992</b> , 45, 10147-10150	3-3	40
55	Mean-field superconductivity in a strong magnetic field. <i>Physica C: Superconductivity and Its Applications</i> , <b>1992</b> , 196, 43-47	1-3	21
54	What is the superconducting order parameter for UPt <sub>3</sub> ?. <i>Physica C: Superconductivity and Its Applications</i> , <b>1992</b> , 194, 203-204	1-3	21
53	Hund's second rule and the electronic structure of transition-metal oxides. <i>International Journal of Quantum Chemistry</i> , <b>1991</b> , 40, 431-440	2-1	5
52	Band-structure calculations of noble-gas and alkali halide solids using accurate Kohn-Sham potentials with self-interaction correction. <i>Physical Review B</i> , <b>1991</b> , 44, 10437-10443	3-3	44
51	Collective modes of an anyon gas on a lattice. <i>Physical Review B</i> , <b>1991</b> , 43, 6143-6146	3-3	3
50	Vortex-lattice states at strong magnetic fields. <i>Physical Review Letters</i> , <b>1991</b> , 67, 2375-2378	7-4	49
49	Possible microscopic model for superconductivity in UPt <sub>3</sub> . <i>Physical Review B</i> , <b>1991</b> , 43, 6121-6123	3-3	12
48	Orbital polarization transition metal oxides (invited) (abstract). <i>Journal of Applied Physics</i> , <b>1991</b> , 69, 5909-5909	3-5	9
47	BCS gap equations in the quantum limit. <i>Physical Review Letters</i> , <b>1991</b> , 66, 842	7-4	6
46	Crystal-field polarization and the insulating gap in FeO, CoO, NiO, and La <sub>2</sub> CuO <sub>4</sub> . <i>Physical Review B</i> , <b>1991</b> , 44, 1364-1367	3-3	45

45	Magnetic anisotropy and the nature of the pair state in UPt <sub>3</sub> . <i>Physica B: Condensed Matter</i> , <b>1990</b> , 163, 733-735	2.8	1
44	Heavy quasiparticles in CeCu <sub>6</sub> studied using magnetic quantum oscillations. <i>Journal of Physics Condensed Matter</i> , <b>1990</b> , 2, 8123-8136	1.8	19
43	Anisotropic exchange and superconductivity in UPt <sub>3</sub> . <i>Physical Review B</i> , <b>1990</b> , 41, 170-177	3.3	30
42	Orbital Polarization and the Insulating Gap in the Transition-Metal Oxides. <i>Physical Review Letters</i> , <b>1990</b> , 64, 2466-2466	7.4	12
41	Magnetic quantization and the upper critical field of superconductors. <i>Physical Review B</i> , <b>1990</b> , 42, 6762-6764	3.3	16
40	Orbital polarization and the insulating gap in the transition-metal oxides. <i>Physical Review Letters</i> , <b>1990</b> , 64, 1162-1165	7.4	71
39	Magnetic pairing in a lattice of Kondo ions: Application to UPt <sub>3</sub> . <i>Physical Review B</i> , <b>1989</b> , 39, 7305-7308	3.3	14
38	Band theory and the insulating gap in CoO. <i>Physical Review B</i> , <b>1989</b> , 40, 10632-10634	3.3	12
37	A program to compute variationally optimized relativistic atomic potentials. <i>Computer Physics Communications</i> , <b>1989</b> , 54, 95-102	4.2	34
36	Fermi surface and effective masses for the heavy-electron superconductors UPt <sub>3</sub> . <i>Solid State Communications</i> , <b>1988</b> , 68, 245-249	1.6	79
35	Magnetic fluctuations and heavy electron superconductivity. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1988</b> , 76-77, 513-514	2.8	1
34	Local-density calculations of the magnetic and paramagnetic phases of TmSe and TmTe. <i>Physical Review B</i> , <b>1988</b> , 37, 10050-10054	3.3	7
33	Solutions of the magnetic Eliashberg equations for heavy-fermion superconductors. <i>Physical Review B</i> , <b>1988</b> , 37, 4987-4995	3.3	48
32	Theory of antiferromagnetic correlations and neutron-scattering cross section in heavy-fermion metals. <i>Physical Review Letters</i> , <b>1988</b> , 60, 623-626	7.4	34
31	Electronic structure, dynamic susceptibility, and Néel temperature of the heavy-fermion magnet UCu <sub>5</sub> . <i>Physical Review B</i> , <b>1988</b> , 38, 6818-6823	3.3	22
30	Magnetism in the heavy-electron superconductors UPt <sub>3</sub> and URu <sub>2</sub> Si <sub>2</sub> . <i>Physical Review B</i> , <b>1988</b> , 38, 11193-11198	3.3	1198
29	Solutions of the magnetic Eliashberg equations for heavy fermion superconductors (abstract). <i>Journal of Applied Physics</i> , <b>1988</b> , 63, 3903-3903	2.5	
28	Mass renormalizations and superconductivity in heavy-fermion UPt <sub>3</sub> . <i>Physical Review Letters</i> , <b>1987</b> , 59, 232-235	7.4	66

27	Local-density prediction of the Fermi surface of UBe13. <i>Physical Review B</i> , <b>1987</b> , 36, 4058-4061	3.3	20
26	Fermi surface of UPt3 within the local-density approximation. <i>Physical Review B</i> , <b>1987</b> , 35, 7260-7263	3.3	80
25	Band calculations for mixed-valent systems. <i>Journal of the Less Common Metals</i> , <b>1987</b> , 127, 357-366		6
24	Electronic structure of UPd3 A localized f compound. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1987</b> , 69, 27-33	2.8	23
23	Band structure aspects of materials with localizing f-orbitals. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1987</b> , 63-64, 638-644	2.8	12
22	Fermi Surfaces of Mixed Valent and Heavy Fermion Metals <b>1987</b> , 125-131		
21	Density Functional Theory and f Electron Systems <b>1987</b> , 113-119		
20	Electronic heat capacity of the strongly exchange-enhanced metal USn3. <i>Physical Review B</i> , <b>1986</b> , 33, 8035-8038	3.3	32
19	Fermi surface of field-induced ferromagnetic CeSb. <i>Physical Review B</i> , <b>1986</b> , 33, 6730-6738	3.3	35
18	Itinerant antiferromagnetism in the nearly-heavy-fermion compound NpSn3. <i>Physical Review B</i> , <b>1986</b> , 33, 3803-3809	3.3	49
17	Model supercell local-density calculations of the 3d excitation spectra in NiO. <i>Physical Review B</i> , <b>1986</b> , 33, 8896-8898	3.3	106
16	Theory of the two peak photoemission spectra in cerium compounds. <i>Physica B: Physics of Condensed Matter &amp; C: Atomic, Molecular and Plasma Physics, Optics</i> , <b>1985</b> , 130, 61-63		5
15	An analysis of the series of moderately heavy fermion materials: CeSn3, USn3, and NpSn3. <i>Physica B: Physics of Condensed Matter &amp; C: Atomic, Molecular and Plasma Physics, Optics</i> , <b>1985</b> , 135, 95-98		11
14	Supercell calculation of the bremsstrahlung isochromat spectrum of cerium phosphide. <i>Physical Review B</i> , <b>1985</b> , 31, 6261-6263	3.3	27
13	Supercell calculations of the valence photoemission spectra of CeSb, PrSb, and NdSb. <i>Physical Review B</i> , <b>1985</b> , 32, 7748-7752	3.3	21
12	Surface electronic structure of CeN. <i>Physical Review B</i> , <b>1985</b> , 32, 7830-7834	3.3	12
11	Theory of the two-peak photoemission spectra in cerium pnictides. <i>Physical Review B</i> , <b>1985</b> , 31, 6251-6260	3.3	70
10	Supercell band structure calculations of the two peak photo- and inverse photoemission spectra in Ce and Pr compounds. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1985</b> , 47-48, 255-256	2.8	5

9	Reply to "Comment on "Electron removal energies in Kohn-Sham density-functional theory". <i>Physical Review B</i> , <b>1984</b> , 30, 3525-3526	3-3	8
8	Application of a screened self-interaction correction to transition metals: Copper and zinc. <i>Physical Review B</i> , <b>1984</b> , 29, 2956-2962	3-3	27
7	Towards a Kohn-Sham potential via the optimized effective-potential method. <i>Physical Review B</i> , <b>1984</b> , 30, 5530-5540	3-3	83
6	Origin of the Two-Peak Photoemission and Inverse-Photoemission Spectra in Ce and Ce Compounds. <i>Physical Review Letters</i> , <b>1984</b> , 53, 1673-1676	7-4	95
5	Electronic structure of LaN: Prediction of a small band overlap semi-metal. <i>Solid State Communications</i> , <b>1984</b> , 52, 739-741	1-6	21
4	Self-interaction correction for the Wannier representation of the uniform electron gas. <i>Physical Review B</i> , <b>1983</b> , 28, 3585-3586	3-3	14
3	Simplified self-interaction correction applied to the energy bands of neon and sodium chloride. <i>Physical Review B</i> , <b>1983</b> , 28, 2135-2139	3-3	41
2	Effect of Langreth-Mehl gradient correction on transition-metal band structures: Copper and vanadium. <i>Physical Review B</i> , <b>1983</b> , 28, 4357-4362	3-3	29
1	Electron removal energies in Kohn-Sham density-functional theory. <i>Physical Review B</i> , <b>1982</b> , 26, 5445-5450	3-3	100