

Michael R Norman

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Low Valence Nickelates: Launching the Nickel Age of Superconductivity. <i>Frontiers in Physics</i> , 2022, 9, .	1.0	13
2	Leggett Modes Accompanying Crystallographic Phase Transitions. <i>Physical Review X</i> , 2022, 12, .	2.8	3
3	Fragile superconductivity at high magnetic fields. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2100372118.	3.3	2
4	Strong Superexchange in a NiO_2 Nickelate Revealed by Resonant Inelastic X-Ray Scattering. <i>Physical Review Letters</i> , 2021, 126, 087001.	2.9	51
5	Mirror symmetry breaking in a model insulating cuprate. <i>Nature Physics</i> , 2021, 17, 777-781.	6.5	24
6	Implications of second harmonic generation for hidden order in Sr_2VO_4 . <i>Physical Review B</i> , 2021, 104, .	2.1	1
7	Quantum Hall superconductivity from moiré Landau levels. <i>Physical Review Research</i> , 2021, 3, .	1.3	7
8	Striped electron fluid on (111) KTaO_3 . <i>Physical Review B</i> , 2021, 103, .	1.1	6
9	Intertwined density waves in a metallic nickelate. <i>Nature Communications</i> , 2020, 11, 6003.	5.8	24
10	Pressure-Induced Collapse of Magnetic Order in Jarosite. <i>Physical Review Letters</i> , 2020, 125, 077202.	2.9	3
11	Many-Body Electronic Structure of NdNiO_2 and CaCuO_2 . <i>Physical Review X</i> , 2020, 10, .	2.8	89
12	Observation of an antiferromagnetic quantum critical point in high-purity LaNiO_3 . <i>Nature Communications</i> , 2020, 11, 1402.	5.8	16
13	Similarities and Differences between LaNiO_2 and CaCuO_2 and Implications for Superconductivity. <i>Physical Review X</i> , 2020, 10, .	2.8	160
14	Crystal structure of the inversion-breaking metal $\text{Cd}_2\text{Re}_2\text{O}_7$. <i>Physical Review B</i> , 2020, 101, .	1.1	7
15	Quantum spin liquids. <i>Science</i> , 2020, 367, .	6.0	513
16	Comparative many-body study of PrO_8 and NdNiO_2 . <i>Physical Review B</i> , 2020, 102, .	1.1	36
17	Valence bond phases of herbertsmithite and related copper kagome materials. <i>Physical Review Research</i> , 2020, 2, .	1.3	11
18	Spin Stripe Order in a Square Planar Trilayer Nickelate. <i>Physical Review Letters</i> , 2019, 122, 247201.	2.9	48

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19	Electronic structure and magnetism of transition metal dihalides: Bulk to monolayer. Physical Review Materials, 2019, 3, .	0.9	118
20	Copper tellurium oxides – A playground for magnetism. Journal of Magnetism and Magnetic Materials, 2018, 452, 507-511.	1.0	8
21	Quantum oscillations in a biaxial pair density wave state. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5389-5391.	3.3	29
22	Averievite: A copper oxide kagome antiferromagnet. Physical Review B, 2018, 98, .	1.1	20
23	Layered palladates and their relation to nickelates and cuprates. Physical Review Materials, 2018, 2, .	0.9	13
24	Spectroscopic Evidence for a Pseudogap in the Normal State of Underdoped High- T_c Superconductors. Peking University-World Scientific Advanced Physics Series, 2018, , 57-66.	0.0	0
25	Large orbital polarization in a metallic square-planar nickelate. Nature Physics, 2017, 13, 864-869.	6.5	135
26	Nature of the tensor order in $\text{Cd}_2\text{Re}_2\text{O}_7$. Physical Review B, 2017, 96, .	1.1	27
27	Separation of electron and hole dynamics in the semimetal LaSb. Physical Review B, 2017, 96, .	1.1	37
28	Electronic structure of CuTeO_4 and its relationship to cuprates. Physical Review B, 2017, 95, .	1.1	11
29	Symmetry-Enforced Line Nodes in Unconventional Superconductors. Physical Review Letters, 2017, 118, 207001.	2.9	27
30	Nodal lines and nodal loops in nonsymmorphic odd-parity superconductors. Physical Review B, 2017, 95, .	1.1	18
31	Electron doped layered nickelates: Spanning the phase diagram of the cuprates. Physical Review Materials, 2017, 1, .	0.9	37
32	Measurement of the dynamic charge response of materials using low-energy, momentum-resolved electron energy-loss spectroscopy (M-EELS). SciPost Physics, 2017, 3, .	1.5	48
33	Domain behavior in functional materials studied using Lorentz microscopy. Microscopy and Microanalysis, 2016, 22, 1680-1681.	0.2	0
34	Colloquium : Herbertsmithite and the search for the quantum spin liquid. Reviews of Modern Physics, 2016, 88, .	16.4	377
35	Materials design for new superconductors. Reports on Progress in Physics, 2016, 79, 074502.	8.1	53
36	Magnetic ground state of $\text{Sr}_2\text{Cu}_2\text{O}_7$ and its implications for second-harmonic generation. Physical Review B, 2016, 94, .	1.1	27

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37	Correlated impurities and intrinsic spin-liquid physics in the kagome material herbertsmithite. Physical Review B, 2016, 94, .	1.1	100
38	Charge ordering in $\text{Ni}_4\text{La}_8\text{O}_{14}$. Physical Review B, 2016, 94, .		40
39	Destroying Coherence in High-Temperature Superconductors with Current Flow. Physical Review X, 2016, 6, .	2.8	11
40	Stacked charge stripes in the quasi-2D trilayer nickelate $\text{La}_4\text{Ni}_3\text{O}_8$. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8945-8950.	3.3	73
41	Linear dichroism and the nature of charge order in underdoped cuprates. Physical Review B, 2015, 91, .	1.1	3
42	Strong coupling critique of spin fluctuation driven charge order in underdoped cuprates. Physical Review B, 2015, 92, .	1.1	21
43	Dichroism as a probe for parity-breaking phases of spin-orbit coupled metals. Physical Review B, 2015, 92, .	1.1	9
44	Ferromagnetic domain behavior and phase transition in bilayer manganites investigated at the nanoscale. Physical Review B, 2015, 92, .	1.1	5
45	Vector optical activity in the Weyl semimetal TaAs. Physical Review B, 2015, 92, .	1.1	2
46	From quantum matter to high-temperature superconductivity in copper oxides. Nature, 2015, 518, 179-186.	13.7	1,606
47	Emergence of coherence in the charge-density wave state of 2H-NbSe_2 . Nature Communications, 2015, 6, 6313.	5.8	123
48	Focus on fermiology of the cuprates. New Journal of Physics, 2014, 16, 045004.	1.2	3
49	Symmetry of the charge density wave in cuprates. Physical Review B, 2014, 89, .	1.1	20
50	Effect of the pseudogap on the transition temperature in the cuprates and implications for its origin. Nature Physics, 2014, 10, 357-360.	6.5	52
51	Unconventional superconductivity. , 2014, , 23-79.		5
52	Plane speaking. Nature Physics, 2013, 9, 757-758.	6.5	1
53	Incoherent pair tunneling in the pseudogap phase of cuprates. Physical Review B, 2013, 87, .	1.1	0
54	Quantum phase transition from triangular to stripe charge order in NbSe_2 . Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1623-1627.	3.3	145

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55	Equivalence of Single-Particle and Transport Lifetimes from Hybridization Fluctuations. Physical Review Letters, 2013, 110, 066402.	2.9	9
56	X-ray natural dichroism and chiral order in underdoped cuprates. Physical Review B, 2013, 87, .	1.1	5
57	Universal features in the photoemission spectroscopy of high-temperature superconductors. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17774-17777.	3.3	12
58	Cupratesâ€™ An Overview. Journal of Superconductivity and Novel Magnetism, 2012, 25, 2131-2134.	0.8	13
59	Orbital currents, anapoles, and magnetic quadrupoles in CuO. Physical Review B, 2012, 85, .	1.1	16
60	Nematic spin fluid in the tetragonal phase of BaFe $\times 2$ As $\times 2$. Physical Review B, 2011, 84, .	1.1	188
61	Nernst effect from fluctuating pairs in the pseudogap phase of the cuprates. Physical Review B, 2011, 83, .	1.1	37
62	The Challenge of Unconventional Superconductivity. Science, 2011, 332, 196-200.	6.0	347
63	Genetics and g-factors. Nature Physics, 2011, 7, 191-192.	6.5	4
64	Proposed Giaever transformer to probe the pseudogap phase of cuprates. Physical Review B, 2011, 83, .	1.1	4
65	Ortho-II band folding in YBa $\times 2$ Cu $\times 2$ O $\times 6$. Physical Review B, 2011, 83, .	1.1	28
66	Modulated Spin Liquid: A New Paradigm for URu $\times 2$ Si $\times 2$. Physical Review Letters, 2011, 106, 106601.	2.9	62
67	Effect of Fermi Surface Nesting on Resonant Spin Excitations in BaK $\times 2$ Fe $\times 2$ O $\times 8$. Physical Review Letters, 2011, 107, 177002.	2.9	63
68	Electronic phase diagram of high-temperature copper oxide superconductors. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9346-9349.	3.3	64
69	Observation of a d-wave nodal liquid in highly underdoped Bi $\times 2$ Sr $\times 2$ CaCu $\times 2$ O $\times 8$ + $\hat{1}$. Nature Physics, 2010, 6, 99-103.	6.5	71
70	Transport implications of Fermi arcs in the pseudogap phase of the cuprates. Physical Review B, 2010, 82, .	1.1	19
71	Spin Hamiltonian of hyper-kagome Na $\times 4$. Physical Review B, 2010, 81, .	1.1	24
72	Proposal to detect vortices above the superconducting transition temperature. Physical Review B, 2010, 82, .	1.1	0

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73	Comment on "Circular Dichroism in the Angle-Resolved Photoemission Spectrum of the High-Temperature $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ Superconductor: Can These Measurements Be Interpreted as Evidence for Time-Reversal Symmetry Breaking?" Physical Review Letters, 2010, 105, 189701; author reply 189702.	2.9	4
74	Anisotropic neutron spin resonance in superconducting BaFe_2As_2 . Physical Review B, 2010, 82, .	1.1	55
75	Lifshitz transition in underdoped cuprates. Physical Review B, 2010, 81, .	1.1	47
76	Electronic structure of hyperkagome $\text{Na}_4\text{Mn}_3\text{S}_7$. Physical Review B, 2010, 81, .	1.1	31
77	Spin zeros and the origin of Fermi-surface reconstruction in the cuprates. Physical Review B, 2010, 82, .	1.1	8
78	Odd parity and line nodes in nonsymmorphic superconductors. Physical Review B, 2009, 80, .	1.1	44
79	How to Measure a Spinon Fermi Surface. Physical Review Letters, 2009, 102, 067204.	2.9	22
80	Spectroscopic evidence for preformed Cooper pairs in the pseudogap phase of cuprates. Europhysics Letters, 2009, 88, 27008.	0.7	22
81	Chasing Arcs in Cuprate Superconductors. Science, 2009, 325, 1080-1081.	6.0	4
82	Nature of spectral gaps due to pair formation in superconductors. Physical Review B, 2009, 80, .	1.1	12
83	Modulated pairs in superconducting cuprates. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3173-3174.	3.3	9
84	The Fermi surface and f-valence electron count of UPt_3 . New Journal of Physics, 2008, 10, 053029.	1.2	43
85	Multiscale fluctuations near a Kondo breakdown quantum critical point. Physical Review B, 2008, 78, .	1.1	42
86	Orbital Mixing and Nesting in the Bilayer Manganites $\text{La}_{2-x}\text{Sr}_{1+2x}\text{Mn}_2\text{O}_7$. Physical Review Letters, 2008, 101, 236402.	2.9	15
87	One-gap scenario to explain Raman scattering in a d -wave superconductor. Physical Review B, 2008, 77, .	1.1	10
88	Coherent d -Wave Superconducting Gap in Underdoped $\text{La}_{2-x}\text{Sr}_{1+2x}\text{Mn}_2\text{O}_7$. Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2008, 101, 047002.	2.9	84
89	Evidence for Pairing above the Transition Temperature of Cuprate Superconductors from the Electronic Dispersion in the Pseudogap Phase. Physical Review Letters, 2008, 101, 137002.	2.9	118
90	Quasiparticle mirages in the tunneling spectra of d -wave superconductors. Physical Review B, 2008, 78, .	1.1	2

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91	Gap anisotropy and universal pairing scale in a spin-fluctuation model of cuprate superconductors. Physical Review B, 2008, 78, .	1.1	52
92	Photoemission in the High-T _c Superconductors. , 2008, , 923-992.		4
93	Dynamic spin-response function of the high-temperature Bi ₂ Sr ₂ CaCu ₂ O ₈ + $\hat{\Gamma}$ superconductor from angle-resolved photoemission spectra. Physical Review B, 2007, 75, .	1.1	15
94	Gapless pairing and the Fermi arc in the cuprates. Physical Review B, 2007, 76, .	1.1	53
95	Optical integral in the cuprates and the question of sum-rule violation. Physical Review B, 2007, 76, .	1.1	21
96	Anomalous dispersion in the autocorrelation of angle-resolved photoemission spectra of high-temperature $\langle \text{Bi} \rangle_2 \langle \text{Sr} \rangle_2 \langle \text{Ca} \rangle \langle \text{Cu} \rangle$ superconductors. Physical Review Letters, 2007, 99, 157001.	1.1	14
97	Linear response theory and the universal nature of the magnetic excitation spectrum of the cuprates. Physical Review B, 2007, 75, .	1.1	65
98	X-ray dichroism and the pseudogap phase of cuprates. Physical Review B, 2007, 76, .	1.1	12
99	Antiphase stripe order as the origin of electron pockets observed in 1/8-hole-doped cuprates. Physical Review B, 2007, 76, .	1.1	173
100	Kondo Breakdown and Hybridization Fluctuations in the Kondo-Heisenberg Lattice. Physical Review Letters, 2007, 98, 026402.	2.9	120
101	Protected Nodes and the Collapse of Fermi Arcs in High-T _c Cuprate Superconductors. Physical Review Letters, 2007, 99, 157001.	2.9	137
102	Modeling the Fermi arc in underdoped cuprates. Physical Review B, 2007, 76, .	1.1	130
103	Local pairs and small surfaces. Nature, 2007, 447, 537-539.	13.7	14
104	A celebration of pairs. Nature Physics, 2007, 3, 838-838.	6.5	0
105	Nondispersive Fermi Arcs and the Absence of Charge Ordering in the Pseudogap Phase of Bi ₂ Sr ₂ CaCu ₂ O ₈ + $\hat{\Gamma}$. Physical Review Letters, 2006, 96, 107006.	2.9	75
106	A magnetic isotope effect. Nature Physics, 2006, 2, 19-20.	6.5	0
107	Evolution of the pseudogap from Fermi arcs to the nodal liquid. Nature Physics, 2006, 2, 447-451.	6.5	393
108	High-frequency behavior of the infrared conductivity of cuprates. Physical Review B, 2006, 73, .	1.1	52

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109	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> , 2006, 73, .	1.1	72
110	Quantum Critical End Point for the Kondo Volume Collapse Model. <i>Physical Review Letters</i> , 2006, 97, 185701.	2.9	26
111	Hall number in YbRh_2Si_2 . <i>Physical Review B</i> , 2005, 71, .	1.1	28
112	Novel neutron resonance mode in $d_{x^2-y^2}$ -wave superconductors. <i>Physical Review Letters</i> , 2005, 94, 147001.	2.9	119
113	Momentum anisotropy of the scattering rate in cuprate superconductors. <i>Physical Review B</i> , 2005, 71, .	1.1	84
114	The pseudogap: friend or foe of high T_c ?. <i>Advances in Physics</i> , 2005, 54, 715-733.	35.9	455
115	Shine a light. <i>Nature</i> , 2004, 427, 692-692.	13.7	16
116	Pseudogaps in nested antiferromagnets. <i>Physical Review B</i> , 2004, 69, .	1.1	10
117	Identifying the background signal in angle-resolved photoemission spectra of high-temperature cuprate superconductors. <i>Physical Review B</i> , 2004, 69, .	1.1	31
118	Dispersion anomalies in cuprate superconductors. <i>Physical Review B</i> , 2004, 70, .	1.1	53
119	Magnetotransport near a quantum critical point in a simple metal. <i>Physical Review B</i> , 2004, 69, .	1.1	19
120	PHYSICS: Have Cuprates Earned Their Stripes?. <i>Science</i> , 2004, 303, 1985-1986.	6.0	9
121	Photoemission in the High- T_c Superconductors. , 2004, , 167-273.		69
122	The electronic nature of high temperature cuprate superconductors. <i>Reports on Progress in Physics</i> , 2003, 66, 1547-1610.	8.1	224
123	Crossover from Coherent to Incoherent Electronic Excitations in the Normal State of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. <i>Physical Review Letters</i> , 2003, 90, 207003.	2.9	78
124	Hall Effect in Nested Antiferromagnets near the Quantum Critical Point. <i>Physical Review Letters</i> , 2003, 90, 116601.	2.9	41
125	Effect of the magnetic resonance on the electronic spectra of high- T_c superconductors. <i>Physical Review B</i> , 2003, 67, .	1.1	109
126	Quasiparticle formation and optical sum rule violation in cuprate superconductors. <i>Physical Review B</i> , 2002, 66, .	1.1	51

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127	Dispersion Anomalies in Bilayer Cuprates and the Odd Symmetry of the Magnetic Resonance. Physical Review Letters, 2002, 89, 277005.	2.9	49
128	Neutron Resonance in the Cuprates and its Effect on Fermionic Excitations. Physical Review Letters, 2002, 89, 177002.	2.9	94
129	Return of the magnetic resonance. Physics World, 2002, 15, 24-25.	0.0	0
130	Momentum distribution curves in the superconducting state. Physical Review B, 2001, 64, .	1.1	33
131	Renormalization of Spectral Line Shape and Dispersion below T_c in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. Physical Review Letters, 2001, 86, 1070-1073.	2.9	325
132	The role of angle-resolved photoemission in understanding the high temperature superconductors. Journal of Physics and Chemistry of Solids, 2001, 62, 35-39.	1.9	11
133	Magnetic collective mode dispersion in high-temperature superconductors. Physical Review B, 2001, 63, .	1.1	77
134	Influence of vortices on the magnetic resonance in cuprate superconductors. Physical Review B, 2001, 64, .	1.1	10
135	Determination of the Fermi surface in high- T_c superconductors by angle-resolved photoemission spectroscopy. Physical Review B, 2001, 63, .	1.1	65
136	Neutron resonance in high- T_c superconductors is not the $\tilde{\mu}$ particle. Physical Review B, 2001, 63, .	1.1	47
137	Temperature evolution of the spectral peak in high-temperature superconductors. Physical Review B, 2001, 63, .	1.1	22
138	Heavy fermion superconductivity. Physica B: Condensed Matter, 2000, 280, 165-171.	1.3	20
139	Photoemission and the origin of high temperature superconductivity. Physica C: Superconductivity and Its Applications, 2000, 341-348, 2063-2066.	0.6	1
140	PROXIMITY OF THE METAL-INSULATOR/MAGNETIC TRANSITION AND ITS IMPACT ON THE ONE-ELECTRON SPECTRAL FUNCTION: A DOPING-DEPENDENT ARPES STUDY. International Journal of Modern Physics B, 2000, 14, 3596-3601.	1.0	2
141	Relation of neutron incommensurability to electronic structure in high-temperature superconductors. Physical Review B, 2000, 61, 14751-14758.	1.1	100
142	Quasiparticles in the Superconducting State of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. Physical Review Letters, 2000, 84, 1788-1791.	2.9	188
143	Neutron Resonance: Modeling Photoemission and Tunneling Data in the Superconducting State of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. Physical Review Letters, 2000, 85, 3261-3264.	2.9	195
144	Condensation energy and spectral functions in high-temperature superconductors. Physical Review B, 2000, 61, 14742-14750.	1.1	58

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145	Fermi Surface of Bi ₂ Sr ₂ CaCu ₂ O ₈ . Physical Review Letters, 2000, 84, 4449-4452.	2.9	98
146	Evolution of the pairing pseudogap in the spectral function with interplane anisotropy. Physical Review B, 1999, 59, 1474-1480.	1.1	17
147	Electronic Spectra and Their Relation to the ($\tilde{\epsilon}$, $\tilde{\epsilon}$) Collective Mode in High-T _c Superconductors. Physical Review Letters, 1999, 83, 3709-3712.	2.9	319
148	Extraction of the electron self-energy from angle-resolved photoemission data: Application to Bi ₂ Sr ₂ CaCu ₂ O _{8+x} . Physical Review B, 1999, 60, 7585-7590.	1.1	49
149	Incoherent Pair Tunneling as a Probe of the Cuprate Pseudogap. Physical Review Letters, 1999, 82, 4304-4307.	2.9	20
150	Hot Spots on the Fermi Surface of Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} : Stripes versus Superstructure. Physical Review Letters, 1999, 82, 2618-2618.	2.9	17
151	CHANGES IN SUPERCONDUCTING GAP ANISOTROPY WITH DOPING AND IMPLICATIONS FOR THE PENETRATION DEPTH. International Journal of Modern Physics B, 1999, 13, 3709-3711.	1.0	1
152	Destruction of the Fermi surface in underdoped cuprates. Physica B: Condensed Matter, 1999, 259-261, 517-521.	1.3	11
153	BSCCO Superconductors: Hole-Like Fermi Surface and Doping Dependence of the Gap Function. Journal of Low Temperature Physics, 1999, 117, 365-369.	0.6	5
154	Superconducting Gap Anisotropy and Quasiparticle Interactions: A Doping Dependent Photoemission Study. Physical Review Letters, 1999, 83, 840-843.	2.9	259
155	Photoelectron escape depth and inelastic secondaries in high-temperature superconductors. Physical Review B, 1999, 59, 11191-11192.	1.1	24
156	Fermi surfaces, fermi patches, and fermi arcs in high T _c superconductors. , 1999, , .		1
157	Destruction of the Fermi Surface in Underdoped Cuprates. Springer Series in Solid-state Sciences, 1999, , 152-162.	0.3	3
158	Destruction of the Fermi surface in underdoped high-T _c superconductors. Nature, 1998, 392, 157-160.	13.7	952
159	ARPES study of the superconducting gap and pseudogap in Bi ₂ Sr ₂ CaCu ₂ O _{8+x} . Journal of Physics and Chemistry of Solids, 1998, 59, 1888-1891.	1.9	53
160	ELECTRON SELF-ENERGY OF HIGH TEMPERATURE SUPERCONDUCTORS AS REVEALED BY ANGLE-RESOLVED PHOTOEMISSION. Journal of Physics and Chemistry of Solids, 1998, 59, 1902-1906.	1.9	4
161	Collective modes and the superconducting-state spectral function of Bi ₂ Sr ₂ CaCu ₂ O ₈ . Physical Review B, 1998, 57, R11089-R11092.	1.1	93
162	A mean field theory of magnets with competing double exchange and superexchange interactions. Journal of Applied Physics, 1998, 83, 7360-7362.	1.1	7

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163	Phenomenology of the low-energy spectral function in high-Tc superconductors. <i>Physical Review B</i> , 1998, 57, R11093-R11096.	1.1	281
164	Some aspects of the theory of magnets with competing double exchange and superexchange interactions. <i>Physical Review B</i> , 1998, 58, 8617-8626.	1.1	32
165	Evolution of the Fermi Surface with Carrier Concentration in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. <i>Physical Review Letters</i> , 1997, 78, 2628-2631.	2.9	235
166	Unusual Dispersion and Line Shape of the Superconducting State Spectra of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. <i>Physical Review Letters</i> , 1997, 79, 3506-3509.	2.9	224
167	<title>ARPES studies of the superconducting gap in high-temperature superconductors</title>. , 1996, 2696, 496.		0
168	Spectroscopic evidence for a pseudogap in the normal state of underdoped high-Tc superconductors. <i>Nature</i> , 1996, 382, 51-54.	13.7	1,273
169	Heat transport and the nature of the order parameter in superconducting UPt_3 . <i>Physical Review B</i> , 1996, 53, 5706-5715.	1.1	55
170	Direct observation of particle-hole mixing in the superconducting state by angle-resolved photoemission. <i>Physical Review B</i> , 1996, 53, R14737-R14740.	1.1	109
171	Absence of persistent magnetic oscillations in type-II superconductors. <i>Physical Review B</i> , 1996, 54, 4239-4245.	1.1	29
172	Contrasting dynamic spin susceptibility models and their relation to high-temperature superconductivity. <i>Physical Review B</i> , 1996, 54, 13295-13305.	1.1	13
173	Angle-resolved photoemission spectroscopy study of the superconducting gap anisotropy in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+x}$. <i>Physical Review B</i> , 1996, 54, R9678-R9681.	1.1	266
174	Electronic Excitations in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$: Fermi Surface, Dispersion, and Absence of Bilayer Splitting. <i>Physical Review Letters</i> , 1996, 76, 1533-1536.	2.9	226
175	Arpes studies in the normal and superconducting state of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$. <i>Journal of Physics and Chemistry of Solids</i> , 1995, 56, 1863-1864.	1.9	0
176	Momentum Dependence of the Superconducting Gap in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$. <i>Physical Review Letters</i> , 1995, 74, 2784-2787.	2.9	236
177	Polarization selection rules and superconducting gap anisotropy in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$. <i>Physical Review B</i> , 1995, 52, 15107-15110.	1.1	27
178	Phenomenological models for the gap anisotropy of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ as measured by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 1995, 52, 615-622.	1.1	280
179	Odd parity and line nodes in heavy-fermion superconductors. <i>Physical Review B</i> , 1995, 52, 15093-15094.	1.1	31
180	Phenomenological BCS Theory of the High-Tc Cuprates. <i>Physical Review Letters</i> , 1995, 74, 3884-3887.	2.9	59

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181	Magnetic oscillations and quasiparticle band structure in the mixed state of type-II superconductors. Physical Review B, 1995, 51, 5927-5942.	1.1	64
182	Momentum Dependence of the Superconducting Gap in Bi ₂ Sr ₂ CaCu ₂ O ₈ . Physical Review Letters, 1995, 75, 1425-1425.	2.9	21
183	Multiplet effects in the quasiparticle band structure of the f ₁ -f ₂ Anderson model. Physical Review B, 1995, 51, 6167-6170.	1.1	13
184	Calculation of effective Coulomb interaction for Pr ³⁺ , U ⁴⁺ , and UPt ₃ . Physical Review B, 1995, 52, 1421-1424.	1.1	33
185	Gap renormalization in dirty anisotropic superconductors: Implications for the order parameter of the cuprates. Physical Review B, 1994, 50, 3495-3498.	1.1	132
186	Hund's rule theory for heavy fermion superconductors. Physical Review Letters, 1994, 72, 2077-2080.	2.9	30
187	Orbitally degenerate spin-fluctuation model for heavy-fermion superconductivity. Physical Review B, 1994, 50, 6904-6918.	1.1	22
188	Relation of extended Van Hove singularities to high-temperature superconductivity within strong-coupling theory. Physical Review B, 1994, 50, 9554-9560.	1.1	69
189	Symmetry of the Gap in Bi ₂ 212 from Photoemission Spectroscopy. Physical Review Letters, 1994, 73, 3044-3044.	2.9	6
190	Spin dynamics and implications for superconductivity: some problems with the d-wave scenario. Journal of Superconductivity and Novel Magnetism, 1994, 7, 563-570.	0.5	8
191	Can impurity effects help to identify the symmetry of the order parameter of the cuprates?. Physica C: Superconductivity and Its Applications, 1994, 235-240, 2407-2408.	0.6	8
192	After seven years, where's the consensus?. Journal of Physics and Chemistry of Solids, 1993, 54, 1165-1168.	1.9	7
193	Landau level quantization and superconductivity. Physica B: Condensed Matter, 1993, 184, 337-340.	1.3	5
194	Quantum Mechanics and Superconductivity in a Magnetic Field. Australian Journal of Physics, 1993, 46, 333.	0.6	12
195	Role of Van Hove singularities and momentum-space structure in high-temperature superconductivity. Physical Review B, 1993, 48, 15957-15965.	1.1	32
196	Predictions for impurity-induced T _c suppression in the high-temperature superconductors. Physical Review B, 1993, 48, 653-656.	1.1	161
197	Effect of structure on the electronic density of states of doped lanthanum cuprate. Physical Review B, 1993, 48, 9935-9937.	1.1	20
198	Existence of the FFLO state in superconducting UPd ₂ Al ₃ . Physical Review Letters, 1993, 71, 3391-3391.	2.9	50

#	ARTICLE	IF	CITATIONS
199	Effect of matrix elements on the pairing kernel in heavy-fermion superconductors. <i>Physical Review B</i> , 1993, 48, 6315-6318.	1.1	3
200	Constraints on superconducting transition temperatures in the cuprates: Antiferromagnetic spin fluctuations. <i>Physical Review B</i> , 1992, 46, 11975-11985.	1.1	55
201	Landau quantization and particle-particle ladder sums in a magnetic field. <i>Physical Review B</i> , 1992, 45, 10147-10150.	1.1	42
202	Mean-field superconductivity in a strong magnetic field. <i>Physica C: Superconductivity and Its Applications</i> , 1992, 196, 43-47.	0.6	24
203	What is the superconducting order parameter for UPt3?. <i>Physica C: Superconductivity and Its Applications</i> , 1992, 194, 203-204.	0.6	22
204	Crystal-field polarization and the insulating gap in FeO, CoO, NiO, and La ₂ CuO ₄ . <i>Physical Review B</i> , 1991, 44, 1364-1367.	1.1	46
205	Hund's second rule and the electronic structure of transition-metal oxides. <i>International Journal of Quantum Chemistry</i> , 1991, 40, 431-440.	1.0	5
206	Band-structure calculations of noble-gas and alkali halide solids using accurate Kohn-Sham potentials with self-interaction correction. <i>Physical Review B</i> , 1991, 44, 10437-10443.	1.1	45
207	Collective modes of an anyon gas on a lattice. <i>Physical Review B</i> , 1991, 43, 6143-6146.	1.1	3
208	Vortex-lattice states at strong magnetic fields. <i>Physical Review Letters</i> , 1991, 67, 2375-2378.	2.9	53
209	Possible microscopic model for superconductivity in UPt ₃ . <i>Physical Review B</i> , 1991, 43, 6121-6123.	1.1	13
210	Orbital polarization transition metal oxides (invited) (abstract). <i>Journal of Applied Physics</i> , 1991, 69, 5909-5909.	1.1	0
211	BCS gap equations in the quantum limit. <i>Physical Review Letters</i> , 1991, 66, 842-842.	2.9	7
212	Magnetic anisotropy and the nature of the pair state in UPt ₃ . <i>Physica B: Condensed Matter</i> , 1990, 163, 733-735.	1.3	1
213	Heavy quasiparticles in CeCu ₆ studied using magnetic quantum oscillations. <i>Journal of Physics Condensed Matter</i> , 1990, 2, 8123-8136.	0.7	23
214	Anisotropic exchange and superconductivity in UPt ₃ . <i>Physical Review B</i> , 1990, 41, 170-177.	1.1	30
215	Orbital Polarization and the Insulating Gap in the Transition-Metal Oxides. <i>Physical Review Letters</i> , 1990, 64, 2466-2466.	2.9	13
216	Magnetic quantization and the upper critical field of superconductors. <i>Physical Review B</i> , 1990, 42, 6762-6764.	1.1	20

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217	Orbital polarization and the insulating gap in the transition-metal oxides. <i>Physical Review Letters</i> , 1990, 64, 1162-1165.	2.9	72
218	Magnetic pairing in a lattice of Kondo ions: Application to UPt ₃ . <i>Physical Review B</i> , 1989, 39, 7305-7308.	1.1	14
219	Band theory and the insulating gap in CoO. <i>Physical Review B</i> , 1989, 40, 10632-10634.	1.1	12
220	A program to compute variationally optimized relativistic atomic potentials. <i>Computer Physics Communications</i> , 1989, 54, 95-102.	3.0	37
221	Fermi surface and effective masses for the heavy-electron superconductors UPt ₃ . <i>Solid State Communications</i> , 1988, 68, 245-249.	0.9	82
222	Magnetic fluctuations and heavy electron superconductivity. <i>Journal of Magnetism and Magnetic Materials</i> , 1988, 76-77, 513-514.	1.0	1
223	Local-density calculations of the magnetic and paramagnetic phases of TmSe and TmTe. <i>Physical Review B</i> , 1988, 37, 10050-10054.	1.1	7
224	Solutions of the magnetic Eliashberg equations for heavy-fermion superconductors. <i>Physical Review B</i> , 1988, 37, 4987-4995.	1.1	50
225	Theory of antiferromagnetic correlations and neutron-scattering cross section in heavy-fermion metals. <i>Physical Review Letters</i> , 1988, 60, 623-626.	2.9	34
226	Electronic structure, dynamic susceptibility, and Néel temperature of the heavy-fermion magnet UCu ₅ . <i>Physical Review B</i> , 1988, 38, 6818-6823.	1.1	22
227	Magnetism in the heavy-electron superconductors UPt ₃ and URu ₂ Si ₂ . <i>Physical Review B</i> , 1988, 38, 11193-11198.	1.1	29
228	Solutions of the magnetic Eliashberg equations for heavy fermion superconductors (abstract). <i>Journal of Applied Physics</i> , 1988, 63, 3903-3903.	1.1	0
229	Mass renormalizations and superconductivity in heavy-fermion UPt ₃ . <i>Physical Review Letters</i> , 1987, 59, 232-235.	2.9	68
230	Local-density prediction of the Fermi surface of UBe ₁₃ . <i>Physical Review B</i> , 1987, 36, 4058-4061.	1.1	21
231	Fermi surface of UPt ₃ within the local-density approximation. <i>Physical Review B</i> , 1987, 35, 7260-7263.	1.1	84
232	Band calculations for mixed-valent systems. <i>Journal of the Less Common Metals</i> , 1987, 127, 357-366.	0.9	6
233	Electronic structure of UPd ₃ - A localized f compound. <i>Journal of Magnetism and Magnetic Materials</i> , 1987, 69, 27-33.	1.0	24
234	Band structure aspects of materials with localizing f-orbitals. <i>Journal of Magnetism and Magnetic Materials</i> , 1987, 63-64, 638-644.	1.0	12

#	ARTICLE	IF	CITATIONS
235	Density Functional Theory and f Electron Systems. , 1987, , 113-119.		0
236	Fermi Surfaces of Mixed Valent and Heavy Fermion Metals. , 1987, , 125-131.		0
237	Model supercell local-density calculations of the 3d excitation spectra in NiO. Physical Review B, 1986, 33, 8896-8898.	1.1	110
238	Electronic heat capacity of the strongly exchange-enhanced metal U ₃ Sn ₃ . Physical Review B, 1986, 33, 8035-8038.	1.1	34
239	Fermi surface of field-induced ferromagnetic CeSb. Physical Review B, 1986, 33, 6730-6738.	1.1	37
240	Itinerant antiferromagnetism in the nearly-heavy-fermion compound Np ₃ Sn ₃ . Physical Review B, 1986, 33, 3803-3809.	1.1	51
241	Theory of the two peak photoemission spectra in cerium compounds. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1985, 130, 61-63.	0.9	5
242	An analysis of the series of moderately heavy fermion materials: Ce ₃ Sn ₃ , U ₃ Sn ₃ , and Np ₃ Sn ₃ . Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1985, 135, 95-98.	0.9	11
243	Supercell calculation of the bremsstrahlung isochromat spectrum of cerium phosphide. Physical Review B, 1985, 31, 6261-6263.	1.1	28
244	Supercell calculations of the valence photoemission spectra of CeSb, PrSb, and NdSb. Physical Review B, 1985, 32, 7748-7752.	1.1	24
245	Surface electronic structure of CeN. Physical Review B, 1985, 32, 7830-7834.	1.1	14
246	Theory of the two-peak photoemission spectra in cerium pnictides. Physical Review B, 1985, 31, 6251-6260.	1.1	72
247	Supercell band structure calculations of the two peak photo- and inverse photoemission spectra in Ce and Pr compounds. Journal of Magnetism and Magnetic Materials, 1985, 47-48, 255-256.	1.0	5
248	Reply to "Comment on 'Electron removal energies in Kohn-Sham density-functional theory' ". Physical Review B, 1984, 30, 3525-3526.	1.1	9
249	Application of a screened self-interaction correction to transition metals: Copper and zinc. Physical Review B, 1984, 29, 2956-2962.	1.1	28
250	Towards a Kohn-Sham potential via the optimized effective-potential method. Physical Review B, 1984, 30, 5530-5540.	1.1	86
251	Origin of the Two-Peak Photoemission and Inverse-Photoemission Spectra in Ce and Ce Compounds. Physical Review Letters, 1984, 53, 1673-1676.	2.9	95
252	Electronic structure of LaN: Prediction of a small band overlap semi-metal. Solid State Communications, 1984, 52, 739-741.	0.9	23

#	ARTICLE	IF	CITATIONS
253	Self-interaction correction for the Wannier representation of the uniform electron gas. Physical Review B, 1983, 28, 3585-3586.	1.1	14
254	Simplified self-interaction correction applied to the energy bands of neon and sodium chloride. Physical Review B, 1983, 28, 2135-2139.	1.1	43
255	Effect of Langreth-Mehl gradient correction on transition-metal band structures: Copper and vanadium. Physical Review B, 1983, 28, 4357-4362.	1.1	29
256	Electron removal energies in Kohn-Sham density-functional theory. Physical Review B, 1982, 26, 5445-5450.	1.1	104
257	Fermi-surface reconstruction and the origin of high-temperature superconductivity. Physics Magazine, 0, 3, .	0.1	44
258	Entering the Nickel Age of Superconductivity. Physics Magazine, 0, 13, .	0.1	28