

Thomas Devereaux

List of Publications by Year in descending order

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194
papers

12,945
citations

20817

60
h-index

24982

109
g-index

200
all docs

200
docs citations

200
times ranked

9960
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-energy dynamics and the mode-specific phonon threshold effect in Kekulé-ordered graphene. National Science Review, 2022, 9, .	9.5	15
2	Unconventional spectral signature of Tc in a pure d-wave superconductor. Nature, 2022, 601, 562-567.	27.8	8
3	Polarization-Modulated Angle-Resolved Photoemission Spectroscopy: Toward Circular Dichroism without Circular Photons and Bloch Wave-function Reconstruction. Physical Review X, 2022, 12, .	8.9	10
4	Distinguishing finite-momentum superconducting pairing states with two-electron photoemission spectroscopy. Physical Review B, 2022, 105, .	3.2	6
5	Electronic structure of superconducting nickelates probed by resonant photoemission spectroscopy. Matter, 2022, 5, 1806-1815.	10.0	15
6	On the Nature of Valence Charge and Spin Excitations via Multi-Orbital Hubbard Models for Infinite-Layer Nickelates. Frontiers in Physics, 2022, 10, .	2.1	1
7	Sign-free determinant quantum Monte Carlo study of excitonic density orders in a two-orbital Hubbard-Kanamori model. Physical Review B, 2022, 105, .	3.2	4
8	Magnon heat transport in a two-dimensional Mott insulator. Physical Review B, 2022, 105, .	3.2	5
9	Anisotropy of the magnetic and transport properties of EuZn_2As_2 . Physical Review B, 2022, 105, .	3.2	9
10	The Role of Metal Substitution in Tuning Anion Redox in Sodium Metal Layered Oxides Revealed by X-Ray Spectroscopy and Theory. Angewandte Chemie, 2021, 133, 10975-10982.	2.0	10
11	The Role of Metal Substitution in Tuning Anion Redox in Sodium Metal Layered Oxides Revealed by X-Ray Spectroscopy and Theory. Angewandte Chemie - International Edition, 2021, 60, 10880-10887.	13.8	32
12	Spectroscopic fingerprint of charge order melting driven by quantum fluctuations in a cuprate. Nature Physics, 2021, 17, 53-57.	16.7	36
13	Spectral properties and enhanced superconductivity in renormalized Migdal-Eliashberg theory. Physical Review B, 2021, 103, .	3.2	5
14	Coulombically-stabilized oxygen hole polarons enable fully reversible oxygen redox. Energy and Environmental Science, 2021, 14, 4858-4867.	30.8	29
15	Preserving a robust CsPbI_3 perovskite phase via pressure-directed octahedral tilt. Nature Communications, 2021, 12, 461.	12.8	90
16	Correlation-assisted quantized charge pumping. Physical Review B, 2021, 103, .	3.2	5
17	Magic Doping and Robust Superconductivity in Monolayer FeSe on Titanates. Advanced Science, 2021, 8, 2003454.	11.2	6
18	Electronic Structure Trends Across the Rare-Earth Series in Superconducting Infinite-Layer Nickelates. Physical Review X, 2021, 11, .	8.9	57

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19	Gauge invariance of light-matter interactions in first-principle tight-binding models. Physical Review B, 2021, 103, .	3.2	19
20	Cycling mechanism of Li ₂ MnO ₃ : Li ⁺ CO ₂ batteries and commonality on oxygen redox in cathode materials. Joule, 2021, 5, 975-997.	24.0	88
21	Tendencies of enhanced electronic nematicity in the Hubbard model and a comparison with Raman scattering on high-temperature superconductors. Physical Review B, 2021, 103, .	3.2	3
22	Dynamical signatures of symmetry protected topology following symmetry breaking. Physical Review Research, 2021, 3, .	3.6	2
23	Evolution of the electronic structure in TaMn_2 across the structural transition revealed by resonant inelastic x-ray scattering. Physical Review B, 2021, 103, .	3.2	7
24	Superconductivity, charge density waves, and bipolarons in the Holstein model. Physical Review B, 2021, 103, .	3.2	17
25	Precursor of pair-density wave in doping Kitaev spin liquid on the honeycomb lattice. Npj Quantum Materials, 2021, 6, .	5.2	12
26	Magnetic excitations in infinite-layer nickelates. Science, 2021, 373, 213-216.	12.6	110
27	Numerical approaches for calculating the low-field dc Hall coefficient of the doped Hubbard model. Physical Review Research, 2021, 3, .	3.6	4
28	Superconducting Fluctuations in Overdoped Bi_2Te_2 Physical Review X, 2021, 11, .	8.9	20
29	Anomalously strong near-neighbor attraction in doped 1D cuprate chains. Science, 2021, 373, 1235-1239.	12.6	62
30	X-ray scattering from light-driven spin fluctuations in a doped Mott insulator. Communications Physics, 2021, 4, .	5.3	6
31	Intertwined States at Finite Temperatures in the Hubbard Model. Journal of the Physical Society of Japan, 2021, 90, 111010.	1.6	5
32	Web-based methods for X-ray and photoelectron spectroscopies. Computational Materials Science, 2021, 200, 110814.	3.0	3
33	Phonon-Mediated Long-Range Attractive Interaction in One-Dimensional Cuprates. Physical Review Letters, 2021, 127, 197003.	7.8	34
34	Orbitally selective resonant photodoping to enhance superconductivity. Physical Review B, 2021, 104, .	3.2	3
35	Orbital and spin character of doped carriers in infinite-layer nickelates. Physical Review B, 2021, 104, .	3.2	50
36	Ab initio molecular dynamics study of SiO ₂ lithiation. Chemical Physics Letters, 2020, 739, 136933.	2.6	8

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37	Angle-resolved photoemission spectroscopy of a Fermi-Hubbard system. <i>Nature Physics</i> , 2020, 16, 26-31.	16.7	36
38	How Circular Dichroism in Time- and Angle-Resolved Photoemission Can Be Used to Spectroscopically Detect Transient Topological States in Graphene. <i>Physical Review X</i> , 2020, 10, .	8.9	29
39	DC Hall coefficient of the strongly correlated Hubbard model. <i>Npj Quantum Materials</i> , 2020, 5, .	5.2	15
40	Observing photo-induced chiral edge states of graphene nanoribbons in pump-probe spectroscopies. <i>Npj Quantum Materials</i> , 2020, 5, .	5.2	8
41	Emergence of quasiparticles in a doped Mott insulator. <i>Communications Physics</i> , 2020, 3, .	5.3	8
42	Time-resolved resonant inelastic x-ray scattering in a pumped Mott insulator. <i>Physical Review B</i> , 2020, 101, .	3.2	13
43	Metallic surface states in a correlated d-electron topological Kondo insulator candidate FeSb ₂ . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 15409-15413.	7.1	15
44	Berry curvature memory through electrically driven stacking transitions. <i>Nature Physics</i> , 2020, 16, 1028-1034.	16.7	100
45	Facile diamond synthesis from lower diamondoids. <i>Science Advances</i> , 2020, 6, eaay9405.	10.3	26
46	Biexciton Condensation in Electron-Hole-Doped Hubbard Bilayers: A Sign-Problem-Free Quantum Monte-Carlo Study. <i>Physical Review Letters</i> , 2020, 124, 077601.	7.8	8
47	Electronic structure of the parent compound of superconducting infinite-layer nickelates. <i>Nature Materials</i> , 2020, 19, 381-385.	27.5	205
48	Site-specific structure at multiple length scales in kagome quantum spin liquid candidates. <i>Physical Review Materials</i> , 2020, 4, .	2.4	13
49	Ground state phase diagram of the doped Hubbard model on the four-leg cylinder. <i>Physical Review Research</i> , 2020, 2, .	3.6	71
50	Time-resolved RIXS experiment with pulse-by-pulse parallel readout data collection using X-ray free electron laser. <i>Scientific Reports</i> , 2020, 10, 22226.	3.3	6
51	Determination of mode-projected electron-phonon coupling from time-domain observations of microscopic scattering processes. , 2020, , .		0
52	Field-induced quantum spin liquid in the Kitaev-Heisenberg model and its relation to \hat{I}_{\pm} . <i>Physical Review B</i> , 2019, 100, .	12.6	125
53	Superconductivity in the doped Hubbard model and its interplay with next-nearest hopping t' . <i>Science</i> , 2019, 365, 1424-1428.	12.6	125
54	Numerical investigation of spin excitations in a doped spin chain. <i>Physical Review B</i> , 2019, 99, .	3.2	10

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55	Theory for time-resolved resonant inelastic x-ray scattering. Physical Review B, 2019, 99, .	3.2	23
56	Frustrated magnetism from local moments in FeSe. Physical Review B, 2019, 99, .	3.2	12
57	Frustrated spin order and stripe fluctuations in FeSe. Communications Physics, 2019, 2, .	5.3	21
58	Fermi surface reconstruction in electron-doped cuprates without antiferromagnetic long-range order. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3449-3453.	7.1	32
59	Pressure Effects on the $4f$ Electronic Structure of Light Lanthanides. Physical Review Letters, 2019, 122, 066401.	7.8	4
60	Incoherent strange metal sharply bounded by a critical doping in Bi2212. Science, 2019, 366, 1099-1102.	12.6	86
61	Strange metallicity in the doped Hubbard model. Science, 2019, 366, 987-990.	12.6	77
62	Direct determination of mode-projected electron-phonon coupling in the time domain. Science, 2019, 366, 1231-1236.	12.6	73
63	Electronic and phononic properties of a two-dimensional electron gas coupled to dipolar phonons via small-momentum-transfer scattering. Physical Review B, 2019, 100, .	3.2	15
64	An ultrafast symmetry switch in a Weyl semimetal. Nature, 2019, 565, 61-66.	27.8	307
65	Stripe order from the perspective of the Hubbard model. Npj Quantum Materials, 2018, 3, .	5.2	83
66	Unconventional pairing symmetry of interacting Dirac fermions on a Γ -flux lattice. Physical Review B, 2018, 97, .	3.2	13
67	Resonant inelastic x-ray scattering studies of magnons and bimagnons in the lightly doped cuprate $La_{2-x}Cu_xO_{7-y}$. Physical Review B, 2018, 97, .	3.2	22
68	Polaronic behavior in a weak-coupling superconductor. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1475-1480.	7.1	67
69	Emergence of Interfacial Polarons from Electron-Phonon Coupling in Graphene/h-BN van der Waals Heterostructures. Nano Letters, 2018, 18, 1082-1087.	9.1	55
70	Breakdown of the Migdal-Eliashberg theory: A determinant quantum Monte Carlo study. Physical Review B, 2018, 97, .	3.2	68
71	Influence of magnetism and correlation on the spectral properties of doped Mott insulators. Physical Review B, 2018, 97, .	3.2	9
72	Electronic structure of monolayer $1T\text{-MoTe}_2$ grown by molecular beam epitaxy. APL Materials, 2018, 6, .	5.1	44

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73	Theory of time-resolved Raman scattering in correlated systems: Ultrafast engineering of spin dynamics and detection of thermalization. <i>Physical Review B</i> , 2018, 98, .	3.2	11
74	Microscopic origin of Cooper pairing in the iron-based superconductor $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$. <i>Npj Quantum Materials</i> , 2018, 3, .	5.2	17
75	Rapid change of superconductivity and electron-phonon coupling through critical doping in Bi-2212. <i>Science</i> , 2018, 362, 62-65.	12.6	98
76	Dispersion, damping, and intensity of spin excitations in the monolayer Bi_2Te_3 . <i>Physical Review B</i> , 2018, 98, .	3.2	16
77	Three-dimensional collective charge excitations in electron-doped copper oxide superconductors. <i>Nature</i> , 2018, 563, 374-378.	27.8	100
78	Spectroscopic Signature of Oxidized Oxygen States in Peroxides. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 6378-6384.	4.6	80
79	Theoretical understanding of photon spectroscopies in correlated materials in and out of equilibrium. <i>Nature Reviews Materials</i> , 2018, 3, 312-323.	48.7	38
80	Light-Enhanced Spin Fluctuations and d -Wave Superconductivity at a Phase Boundary. <i>Physical Review Letters</i> , 2018, 120, 246402.	7.8	36
81	Coincident onset of charge-density-wave order at a quantum critical point in underdoped $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. <i>Physical Review B</i> , 2018, 97, .	3.2	16
82	Magnon Splitting Induced by Charge Transfer in the Three-Orbital Hubbard Model. <i>Physical Review Letters</i> , 2018, 120, 246401.	7.8	5
83	Modular soft x-ray spectrometer for applications in energy sciences and quantum materials. <i>Review of Scientific Instruments</i> , 2017, 88, 013110.	1.3	77
84	Dispersive charge density wave excitations in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$. <i>Nature Physics</i> , 2017, 13, 952-956.	16.7	101
85	Dynamical time-reversal symmetry breaking and photo-induced chiral spin liquids in frustrated Mott insulators. <i>Nature Communications</i> , 2017, 8, 1192.	12.8	100
86	Numerically exploring the 1D-2D dimensional crossover on spin dynamics in the doped Hubbard model. <i>Physical Review B</i> , 2017, 96, .	3.2	14
87	Spin and charge excitations in artificial hole- and electron-doped infinite layer cuprate superconductors. <i>Physical Review B</i> , 2017, 96, .	3.2	17
88	Nonequilibrium lattice-driven dynamics of stripes in nickelates using time-resolved x-ray scattering. <i>Physical Review B</i> , 2017, 95, .	3.2	3
89	Femtosecond electron-phonon lock-in by photoemission and x-ray free-electron laser. <i>Science</i> , 2017, 357, 71-75.	12.6	177
90	Revealing the Coulomb interaction strength in a cuprate superconductor. <i>Physical Review B</i> , 2017, 96, .	3.2	19

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91	Numerical evidence of fluctuating stripes in the normal state of high- T_c cuprate superconductors. <i>Science</i> , 2017, 358, 1161-1164.	12.6	132
92	Amplitude mode oscillations in pump-probe photoemission spectra from a d-wave superconductor. <i>Physical Review B</i> , 2017, 96, .	3.2	18
93	Doping dependence of ordered phases and emergent quasiparticles in the doped Hubbard-Holstein model. <i>Physical Review B</i> , 2017, 96, .	3.2	12
94	Quantum spin Hall state in monolayer $1T'-WTe_2$. <i>Nature Physics</i> , 2017, 13, 683-687.	16.7	596
95	Producing coherent excitations in pumped Mott antiferromagnetic insulators. <i>Physical Review B</i> , 2017, 96, .	3.2	33
96	Review of the Theoretical Description of Time-Resolved Angle-Resolved Photoemission Spectroscopy in Electron-Phonon Mediated Superconductors. <i>Annalen Der Physik</i> , 2017, 529, 1600235.	2.4	41
97	Distinct Electronic Structure for the Extreme Magnetoresistance in YSb. <i>Physical Review Letters</i> , 2016, 117, 267201.	7.8	77
98	Ideal charge-density-wave order in the high-field state of superconducting YBCO. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14645-14650.	7.1	83
99	All-optical materials design of chiral edge modes in transition-metal dichalcogenides. <i>Nature Communications</i> , 2016, 7, 13074.	12.8	71
100	Tailoring the nature and strength of electron-phonon interactions in the SrTiO ₃ (001) 2D electron-liquid. <i>Nature Materials</i> , 2016, 15, 835-839.	27.5	171
101	Superconducting Gap Anisotropy in Monolayer FeSe Thin Film. <i>Physical Review Letters</i> , 2016, 117, 117001.	7.8	93
102	Distinctive orbital anisotropy observed in the nematic state of a FeSe thin film. <i>Physical Review B</i> , 2016, 94, .	3.2	80
103	Ultrafast resonant soft x-ray diffraction dynamics of the charge density wave in TbTe ₃ . <i>Physical Review B</i> , 2016, 93, .	3.2	27
104	Characterizing the three-orbital Hubbard model with determinant quantum Monte Carlo. <i>Physical Review B</i> , 2016, 93, .	3.2	42
105	Using Nonequilibrium Dynamics to Probe Competing Orders in a Mott-Peierls System. <i>Physical Review Letters</i> , 2016, 116, 086401.	7.8	18
106	Using RIXS to Uncover Elementary Charge and Spin Excitations. <i>Physical Review X</i> , 2016, 6, .	8.9	48
107	Origin of the low critical observing temperature of the quantum anomalous Hall effect in V-doped (Bi, Sb) ₂ Te ₃ film. <i>Scientific Reports</i> , 2016, 6, 32732.	3.3	42
108	Nature of a single doped hole in two-leg Hubbard and $t\tilde{t}'$ ladders. <i>Physical Review B</i> , 2016, 94, .	3.2	7

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109	Renormalization of spectra by phase competition in the half-filled Hubbard-Holstein model. Physical Review B, 2015, 91, .	3.2	19
110	Classification of collective modes in a charge density wave by momentum-dependent modulation of the electronic band structure. Physical Review B, 2015, 91, .	3.2	19
111	Fidelity study of superconductivity in extended Hubbard models. Physical Review B, 2015, 92, .	3.2	8
112	Magnetic excitations and phonons simultaneously studied by resonant inelastic x-ray scattering in optimally doped $\text{Bi}_{1.5}\text{Ti}_{0.5}\text{O}_7$. Physical Review B, 2015, 92, .	3.2	28
113	Origin of strong dispersion in Hubbard insulators. Physical Review B, 2015, 92, .	3.2	27
114	Doping evolution of spin and charge excitations in the Hubbard model. Physical Review B, 2015, 92, .	3.2	30
115	Direct observation of Higgs mode oscillations in the pump-probe photoemission spectra of electron-phonon mediated superconductors. Physical Review B, 2015, 92, .	3.2	78
116	Interface Ferroelectric Transition near the Gap-Opening Temperature in a Single-Unit-Cell FeSe Film Grown on Nb-Doped SrTiO ₃ Substrate. Physical Review Letters, 2015, 114, 037002.	7.8	23
117	Probing LaMO ₃ Metal and Oxygen Partial Density of States Using X-ray Emission, Absorption, and Photoelectron Spectroscopy. Journal of Physical Chemistry C, 2015, 119, 2063-2072.	3.1	56
118	Position-Momentum Duality and Fractional Quantum Hall Effect in Chern Insulators. Physical Review Letters, 2015, 114, 236802.	7.8	73
119	Theory of Floquet band formation and local pseudospin textures in pump-probe photoemission of graphene. Nature Communications, 2015, 6, 7047.	12.8	203
120	Fractionalization, entanglement, and separation: Understanding the collective excitations in a spin-orbital chain. Physical Review B, 2015, 91, .	3.2	21
121	Three-dimensional charge density wave order in YBa ₂ Cu ₃ O _{6.67} at high magnetic fields. Science, 2015, 350, 949-952.	12.6	280
122	Direct characterization of photoinduced lattice dynamics in BaFe ₂ As ₂ . Nature Communications, 2015, 6, 7377.	12.8	32
123	Direct spectroscopic evidence for phase competition between the pseudogap and superconductivity in Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ . Nature Materials, 2015, 14, 37-42.	27.5	92
124	Charge-orbital-lattice coupling effects in the profile of one-dimensional cuprates. Physical Review B, 2014, 89, .	3.2	21
125	Distinguishing Bulk and Surface Electron-Phonon Coupling in the Topological Insulator Bi_2Te_3 . Time-Resolved Photoemission Spectroscopy. Physical Review Letters, 2014, 113, 157401.	7.8	103
126	Angle-resolved photoemission spectroscopy study of HgBa ₂ CuO ₄ + δ . Physical Review B, 2014, 89, .	3.2	40

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127	Beyond Planck-Einstein quanta: Amplitude-driven quantum excitation. Physical Review B, 2014, 90, .	3.2	4
128	Effect of dynamical spectral weight redistribution on effective interactions in time-resolved spectroscopy. Physical Review B, 2014, 90, .	3.2	45
129	Numerical exploration of spontaneous broken symmetries in multiorbital Hubbard models. Physical Review B, 2014, 90, .	3.2	15
130	Real-Space Visualization of Remnant Mott Gap and Magnon Excitations. Physical Review Letters, 2014, 112, 156402.	7.8	15
131	Dynamic competition between spin-density wave order and superconductivity in underdoped $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$. Nature Communications, 2014, 5, 3711.	12.8	38
132	Persistent spin excitations in doped antiferromagnets revealed by resonant inelastic light scattering. Nature Communications, 2014, 5, 3314.	12.8	120
133	Interfacial mode coupling as the origin of the enhancement of T_c in FeSe films on SrTiO_3 . Nature, 2014, 515, 245-248.	27.8	567
134	Asymmetry of collective excitations in electron- and hole-doped cuprate superconductors. Nature Physics, 2014, 10, 883-889.	16.7	106
135	Exact solution for high harmonic generation and the response to an ac driving field for a charge density wave insulator. Physical Review B, 2014, 90, .	3.2	2
136	Direct observation of bulk charge modulations in optimally doped Bi_2O_8 . Physical Review B, 2014, 89, .	3.2	60
137	Energy gaps in high-transition-temperature cuprate superconductors. Nature Physics, 2014, 10, 483-495.	16.7	256
138	Exact solution for Bloch oscillations of a simple charge-density-wave insulator. Physical Review B, 2014, 89, .	3.2	12
139	Real-Time Manifestation of Strongly Coupled Spin and Charge Order Parameters in Stripe-Ordered $\text{La}_{1.75}\text{Sr}_{0.25}\text{CuO}_4$ Crystals Using Time-Resolved Resonant X-Ray Diffraction. Physical Review Letters, 2013, 110, 127404.	7.8	48
140	Role of Lattice Coupling in Establishing Electronic and Magnetic Properties in Quasi-One-Dimensional Cuprates. Physical Review Letters, 2013, 110, 265502.	7.8	70
141	Examining Electron-Boson Coupling Using Time-Resolved Spectroscopy. Physical Review X, 2013, 3, .	8.9	82
142	Mapping of unoccupied states and relevant bosonic modes via the time-dependent momentum distribution. Physical Review B, 2013, 87, .	3.2	36
143	Time-dependent charge-order and spin-order recovery in striped systems. Physical Review B, 2013, 88, .	3.2	12
144	Doping evolution of the oxygen K -edge x-ray absorption spectra of cuprate superconductors using a three-orbital Hubbard model. Physical Review B, 2013, 87, .	3.2	25

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145	Determinant quantum Monte Carlo study of the two-dimensional single-band Hubbard-Holstein model. Physical Review B, 2013, 87, .	3.2	57
146	Tunneling spectroscopy for probing orbital anisotropy in iron pnictides. Physical Review B, 2013, 88, .	3.2	13
147	Evidence for the Importance of Extended Coulomb Interactions and Forward Scattering in Cuprate Superconductors. Physical Review Letters, 2012, 108, 166404.	7.8	48
148	Phase competition in trisected superconducting dome. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18332-18337.	7.1	222
149	Resonant enhancement of charge density wave diffraction in the rare-earth tritellurides. Physical Review B, 2012, 85, .	3.2	11
150	Superconductivity distorted by the coexisting pseudogap in the antinodal region of Bi _{1.5} Pb _{0.55} Sr _{0.95} CaCuO ₄ . Physical Review B, 2012, 85, .	3.2	12
151	Quasiparticle interference and the interplay between superconductivity and density wave order in the cuprates. Physical Review B, 2012, 86, .	3.2	7
152	Phase fluctuations and the absence of topological defects in a photo-excited charge-ordered nickelate. Nature Communications, 2012, 3, 838.	12.8	85
153	From a Single-Band Metal to a High-Temperature Superconductor via Two Thermal Phase Transitions. Science, 2011, 331, 1579-1583.	12.6	292
154	Anisotropic quasiparticle lifetimes in Fe-based superconductors. Physical Review B, 2011, 83, .	3.2	37
155	Coincidence between energy gaps and Kohn anomalies in conventional superconductors. Physical Review B, 2011, 84, .	3.2	3
156	Investigation of particle-hole asymmetry in the cuprates via electronic Raman scattering. Physical Review B, 2011, 84, .	3.2	13
157	Fidelity study of the superconducting phase diagram in the two-dimensional single-band Hubbard model. Physical Review B, 2011, 84, .	3.2	16
158	High-energy anomaly in Nd _{2-x} Ce _x CuO ₄ investigated by angle-resolved photoemission spectroscopy and quantum Monte Carlo simulations. Physical Review B, 2011, 83, .	3.2	8
159	Resonant inelastic x-ray scattering studies of elementary excitations. Reviews of Modern Physics, 2011, 83, 705-767.	45.6	993
160	Symmetry-breaking orbital anisotropy observed for detwinned Ba(Fe _{1-x} Co _x) ₂ TiQ ₀ 00 _{rgBT} . Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6878-6883.	7.1	464
161	Particle-hole symmetry breaking in the pseudogap state of Bi ₂₂₀₁ . Nature Physics, 2010, 6, 414-418.	16.7	176
162	Time-resolved photoemission of correlated electrons driven out of equilibrium. Physical Review B, 2010, 81, .	3.2	33

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163	Pinpointing gap minima in BaCu_2O_7 . Physical Review B, 2010, 82, .	3.2	53
164	Unraveling the Nature of Charge Excitations in La_2CuO_4 . Momentum-Resolved Cu K -Edge Resonant Inelastic X-Ray Scattering. Physical Review Letters, 2010, 105, 177401.	7.8	39
165	Strong energy-momentum dispersion of phonon-dressed carriers in the lightly doped band insulator SrTiO_3 . New Journal of Physics, 2010, 12, 023004.	2.9	55
166	Orbital order and spontaneous orthorhombicity in iron pnictides. Physical Review B, 2010, 82, .	3.2	190
167	Density of states modulations from oxygen phonons in d -wave superconductors: Reconciling angle-resolved photoemission spectroscopy and scanning tunneling microscopy. Physical Review B, 2010, 81, .	3.2	14
168	Systematic study of electron-phonon coupling to oxygen modes across the cuprates. Physical Review B, 2010, 82, .	3.2	119
169	Effect of disorder on the electronic Raman scattering in the superconducting state of iron pnictides. Physical Review B, 2010, 82, .	3.2	6
170	Band- and momentum-dependent electron dynamics in superconducting BaCu_2O_7 . Physical Review B, 2009, 80, .	3.2	79
171	Probing the pairing symmetry of the iron pnictides with electronic Raman scattering. Physical Review B, 2009, 79, .	3.2	27
172	Dependence of Band-Renormalization Effects on the Number of Copper Oxide Layers in Tl-Based Copper Oxide Superconductors Revealed by Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2009, 103, 067003.	7.8	15
173	Effect of strong correlations on the high energy anomaly in hole- and electron-doped $\text{Th}_x\text{Ce}_{1-x}\text{Cu}_2\text{O}_7$ superconductors. New Journal of Physics, 2009, 11, 093020.	2.9	48
174	A momentum-dependent perspective on quasiparticle interference in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8+\delta$. Nature Physics, 2009, 5, 718-721.	16.7	47
175	Evidence for weak electronic correlations in iron pnictides. Physical Review B, 2009, 80, .	3.2	176
176	Superconductivity-induced self-energy evolution of the nodal electron of optimally doped $\text{Bi}_2\text{Sr}_2\text{Ca}_{0.92}\text{Y}_{0.08}\text{Cu}_2\text{O}_8+\delta$. Physical Review B, 2008, 77, .	3.2	31
177	Aspects of electron-phonon self-energy revealed from angle-resolved photoemission spectroscopy. Physical Review B, 2007, 75, .	3.2	20
178	Hierarchy of multiple many-body interaction scales in high-temperature superconductors. Physical Review B, 2007, 75, .	3.2	124
179	Polaron coherence condensation as the mechanism for colossal magnetoresistance in layered manganites. Physical Review B, 2007, 76, .	3.2	63
180	Inelastic light scattering from correlated electrons. Reviews of Modern Physics, 2007, 79, 175-233.	45.6	514

#	ARTICLE	IF	CITATIONS
181	Calculation of overdamped c -axis charge dynamics and the coupling to polar phonons in cuprate superconductors. <i>Physical Review B</i> , 2006, 74, .	3.2	27
182	Resonance mode in B_{1g} Raman scattering: A way to distinguish between spin-fluctuation and phonon-mediated d -wave superconductivity. <i>Physical Review B</i> , 2006, 73, .	3.2	25
183	A review of electron-phonon coupling seen in the high- T_c superconductors by angle-resolved photoemission studies (ARPES). <i>Physica Status Solidi (B): Basic Research</i> , 2005, 242, 11-29.	1.5	142
184	Interplay between the pseudogap and superconductivity in underdoped $HgBa_2CuO_4 + \delta$ single crystals. <i>Physical Review B</i> , 2005, 71, .	3.2	29
185	Anisotropic Electron-Phonon Interaction in the Cuprates. <i>Physical Review Letters</i> , 2004, 93, 117004.	7.8	221
186	Coupling of the B_{1g} Phonon to the Antinodal Electronic States of $Bi_2Sr_2Ca_{0.92}Y_{0.08}Cu_2O_8 + \delta$. <i>Physical Review Letters</i> , 2004, 93, 117003.	7.8	210
187	Inelastic X-Ray Scattering in Correlated Mott Insulators. <i>Physical Review Letters</i> , 2003, 90, 067402.	7.8	16
188	Nonresonant inelastic light scattering in the Hubbard model. <i>Physical Review B</i> , 2003, 67, .	3.2	21
189	Observation of an Unconventional Metal-Insulator Transition in Overdoped CuO_2 Compounds. <i>Physical Review Letters</i> , 2002, 89, 107003.	7.8	56
190	Raman scattering through a metal-insulator transition. <i>Physical Review B</i> , 2001, 64, .	3.2	48
191	Exact theory for electronic Raman scattering of correlated materials in infinite dimensions. <i>Physical Review B</i> , 2001, 64, .	3.2	30
192	Collective spin fluctuation mode and Raman scattering in superconducting cuprates. <i>Physical Review B</i> , 2000, 62, 15204-15207.	3.2	26
193	Charge-transfer fluctuation, d -wave superconductivity, and the B_{1g} Raman phonon in cuprates. <i>Physical Review B</i> , 1995, 51, 505-514.	3.2	105
194	Electronic Raman scattering in superconductors as a probe of anisotropic electron pairing. <i>Physical Review B</i> , 1995, 51, 16336-16357.	3.2	130