

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	Resonant inelastic x-ray scattering studies of elementary excitations. <i>Reviews of Modern Physics</i> , 2011, 83, 705-767.	45.6	993
2	Quantum spin Hall state in monolayer 1T'-WTe ₂ . <i>Nature Physics</i> , 2017, 13, 683-687.	16.7	596
3	Interfacial mode coupling as the origin of the enhancement of T _c in FeSe films on SrTiO ₃ . <i>Nature</i> , 2014, 515, 245-248.	27.8	567
4	Inelastic light scattering from correlated electrons. <i>Reviews of Modern Physics</i> , 2007, 79, 175-233.	45.6	514
5	Symmetry-breaking orbital anisotropy observed for detwinned Ba(Fe _{1-x} Co _x) ₂ Tj ETQq1 1 0.784314 rgBT /Ov the National Academy of Sciences of the United States of America, 2011, 108, 6878-6883.	7.1	464
6	An ultrafast symmetry switch in a Weyl semimetal. <i>Nature</i> , 2019, 565, 61-66.	27.8	307
7	From a Single-Band Metal to a High-Temperature Superconductor via Two Thermal Phase Transitions. <i>Science</i> , 2011, 331, 1579-1583.	12.6	292
8	Three-dimensional charge density wave order in YBa ₂ Cu ₃ O _{6.67} at high magnetic fields. <i>Science</i> , 2015, 350, 949-952.	12.6	280
9	Energy gaps in high-transition-temperature cuprate superconductors. <i>Nature Physics</i> , 2014, 10, 483-495.	16.7	256
10	Phase competition in trisected superconducting dome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 18332-18337.	7.1	222
11	Anisotropic Electron-Phonon Interaction in the Cuprates. <i>Physical Review Letters</i> , 2004, 93, 117004.	7.8	221
12	Coupling of the B _{1g} Phonon to the Antinodal Electronic States of Bi ₂ Sr ₂ Ca _{0.92} Y _{0.08} Cu ₂ O _{8+δ} . <i>Physical Review Letters</i> , 2004, 93, 117003.	7.8	210
13	Electronic structure of the parent compound of superconducting infinite-layer nickelates. <i>Nature Materials</i> , 2020, 19, 381-385.	27.5	205
14	Theory of Floquet band formation and local pseudospin textures in pump-probe photoemission of graphene. <i>Nature Communications</i> , 2015, 6, 7047.	12.8	203
15	Orbital order and spontaneous orthorhombicity in iron pnictides. <i>Physical Review B</i> , 2010, 82, .	3.2	190
16	Femtosecond electron-phonon lock-in by photoemission and x-ray free-electron laser. <i>Science</i> , 2017, 357, 71-75.	12.6	177
17	Evidence for weak electronic correlations in iron pnictides. <i>Physical Review B</i> , 2009, 80, .	3.2	176
18	Particle-hole symmetry breaking in the pseudogap state of Bi ₂ 201. <i>Nature Physics</i> , 2010, 6, 414-418.	16.7	176

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19	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
20	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
21	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
22	Electronic Raman scattering in superconductors as a probe of anisotropic electron pairing. <i>Physical Review B</i> , 1995, 51, 16336-16357.	3.2	130
23	Superconductivity in the doped Hubbard model and its interplay with next-nearest hopping $t' \ll t$. <i>Science</i> , 2019, 365, 1424-1428.	12.6	125
24	Hierarchy of multiple many-body interaction scales in high-temperature superconductors. <i>Physical Review B</i> , 2007, 75, .	3.2	124
25	Persistent spin excitations in doped antiferromagnets revealed by resonant inelastic light scattering. <i>Nature Communications</i> , 2014, 5, 3314.	12.8	120
26	Systematic study of electron-phonon coupling to oxygen modes across the cuprates. <i>Physical Review B</i> , 2010, 82, .	3.2	119
27	Magnetic excitations in infinite-layer nickelates. <i>Science</i> , 2021, 373, 213-216.	12.6	110
28	Asymmetry of collective excitations in electron- and hole-doped cuprate superconductors. <i>Nature Physics</i> , 2014, 10, 883-889.	16.7	106
29	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
30	Distinguishing Bulk and Surface Electron-Phonon Coupling in the Topological Insulator Bi_2Te_3 . Time-Resolved Photoemission Spectroscopy. <i>Physical Review Letters</i> , 2014, 113, 157401.	7.8	103
31	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
32	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
33	Three-dimensional collective charge excitations in electron-doped copper oxide superconductors. <i>Nature</i> , 2018, 563, 374-378.	27.8	100
34	Berry curvature memory through electrically driven stacking transitions. <i>Nature Physics</i> , 2020, 16, 1028-1034.	16.7	100
35	Rapid change of superconductivity and electron-phonon coupling through critical doping in Bi-2212. <i>Science</i> , 2018, 362, 62-65.	12.6	98
36	Superconducting Gap Anisotropy in Monolayer FeSe Thin Film. <i>Physical Review Letters</i> , 2016, 117, 117001.	7.8	93

#	ARTICLE	IF	CITATIONS
37	Direct spectroscopic evidence for phase competition between the pseudogap and superconductivity in Bi ₂ Sr ₂ CaCu ₂ O ₈ +f. Nature Materials, 2015, 14, 37-42.	27.5	92
38	Preserving a robust CsPbI ₃ perovskite phase via pressure-directed octahedral tilt. Nature Communications, 2021, 12, 461.	12.8	90
39	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
40	Incoherent strange metal sharply bounded by a critical doping in Bi ₂ 212. Science, 2019, 366, 1099-1102.	12.6	86
41	Phase fluctuations and the absence of topological defects in a photo-excited charge-ordered nickelate. Nature Communications, 2012, 3, 838.	12.8	85
42	Ideal charge-density-wave order in the high-field state of superconducting YBCO. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14645-14650.	7.1	83
43	Stripe order from the perspective of the Hubbard model. Npj Quantum Materials, 2018, 3, .	5.2	83
44	Examining Electron-Boson Coupling Using Time-Resolved Spectroscopy. Physical Review X, 2013, 3, .	8.9	82
45	Distinctive orbital anisotropy observed in the nematic state of a FeSe thin film. Physical Review B, 2016, 94, .	3.2	80
46	Spectroscopic Signature of Oxidized Oxygen States in Peroxides. Journal of Physical Chemistry Letters, 2018, 9, 6378-6384.	4.6	80
47	Band- and momentum-dependent electron dynamics in superconducting $Ba_{1-x}Bi_xFe_2As_2$. Physical Review B, 2009, 80, .	3.2	79
48	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
49	Distinct Electronic Structure for the Extreme Magnetoresistance in YSb. Physical Review Letters, 2016, 117, 267201.	7.8	77
50	Modular soft x-ray spectrometer for applications in energy sciences and quantum materials. Review of Scientific Instruments, 2017, 88, 013110.	1.3	77
51	Strange metallicity in the doped Hubbard model. Science, 2019, 366, 987-990.	12.6	77
52	Position-Momentum Duality and Fractional Quantum Hall Effect in Chern Insulators. Physical Review Letters, 2015, 114, 236802.	7.8	73
53	Direct determination of mode-projected electron-phonon coupling in the time domain. Science, 2019, 366, 1231-1236.	12.6	73
54	All-optical materials design of chiral edge modes in transition-metal dichalcogenides. Nature Communications, 2016, 7, 13074.	12.8	71

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55	Ground state phase diagram of the doped Hubbard model on the four-leg cylinder. Physical Review Research, 2020, 2, .	3.6	71
56	Role of Lattice Coupling in Establishing Electronic and Magnetic Properties in Quasi-One-Dimensional Cuprates. Physical Review Letters, 2013, 110, 265502.	7.8	70
57	Breakdown of the Migdal-Eliashberg theory: A determinant quantum Monte Carlo study. Physical Review B, 2018, 97, .	3.2	68
58	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
59	Polaron coherence condensation as the mechanism for colossal magnetoresistance in layered manganites. Physical Review B, 2007, 76, .	3.2	63
60	Anomalously strong near-neighbor attraction in doped 1D cuprate chains. Science, 2021, 373, 1235-1239.	12.6	62
61	Direct observation of bulk charge modulations in optimally doped $\text{Bi}_{1.5}\text{O}_8$. Physical Review B, 2014, 89, .	3.2	60
62	Determinant quantum Monte Carlo study of the two-dimensional single-band Hubbard-Holstein model. Physical Review B, 2013, 87, .	3.2	57
63	Electronic Structure Trends Across the Rare-Earth Series in Superconducting Infinite-Layer Nickelates. Physical Review X, 2021, 11, .	8.9	57
64	Observation of an Unconventional Metal-Insulator Transition in Overdoped CuO_2 Compounds. Physical Review Letters, 2002, 89, 107003.	7.8	56
65	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
66	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
67	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
68	Pinpointing gap minima in BaBiO_3 . Physical Review B, 2010, 82, .	3.2	53
69	Orbital and spin character of doped carriers in infinite-layer nickelates. Physical Review B, 2021, 104, .	3.2	50
70	Raman scattering through a metal-insulator transition. Physical Review B, 2001, 64, .	3.2	48
71	Effect of strong correlations on the high energy anomaly in hole- and electron-doped high- T_c superconductors. New Journal of Physics, 2009, 11, 093020.	2.9	48
72	Evidence for the Importance of Extended Coulomb Interactions and Forward Scattering in Cuprate Superconductors. Physical Review Letters, 2012, 108, 166404.	7.8	48

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73	Real-Time Manifestation of Strongly Coupled Spin and Charge Order Parameters in Stripe-Ordered $\text{La}_{1.75}\text{Sr}$ Crystals Using Time-Resolved Resonant X-Ray Diffraction. <i>Physical Review Letters</i> , 2013, 110, 127404.	7.8	48
74	Using RIXS to Uncover Elementary Charge and Spin Excitations. <i>Physical Review X</i> , 2016, 6, .	8.9	48
75	A momentum-dependent perspective on quasiparticle interference in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8+\hat{\Gamma}$. <i>Nature Physics</i> , 2009, 5, 718-721.	16.7	47
76	Effect of dynamical spectral weight redistribution on effective interactions in time-resolved spectroscopy. <i>Physical Review B</i> , 2014, 90, .	3.2	45
77	Electronic structure of monolayer $1\hat{\Gamma}^2\text{-MoTe}_2$ grown by molecular beam epitaxy. <i>APL Materials</i> , 2018, 6, .	5.1	44
78	Dispersion, damping, and intensity of spin excitations in the monolayer Bi_2Te_3 . <i>Physical Review B</i> , 2018, 98, .	3.2	42
79	Characterizing the three-orbital Hubbard model with determinant quantum Monte Carlo. <i>Physical Review B</i> , 2016, 93, .	3.2	42
80	Origin of the low critical observing temperature of the quantum anomalous Hall effect in V-doped $(\text{Bi}, \text{Sb})_2\text{Te}_3$ film. <i>Scientific Reports</i> , 2016, 6, 32732.	3.3	42
81	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
82	Angle-resolved photoemission spectroscopy study of $\text{HgBa}_2\text{CuO}_4+\hat{\Gamma}$. <i>Physical Review B</i> , 2014, 89, .	3.2	40
83	Unraveling the Nature of Charge Excitations in La_2CuO_4 . Momentum-Resolved Cu K -Edge Resonant Inelastic X-Ray Scattering. <i>Physical Review Letters</i> , 2010, 105, 177401.	7.8	39
84	Dynamic competition between spin-density wave order and superconductivity in underdoped $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$. <i>Nature Communications</i> , 2014, 5, 3711.	12.8	38
85	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
86	Anisotropic quasiparticle lifetimes in Fe-based superconductors. <i>Physical Review B</i> , 2011, 83, .	3.2	37
87	Mapping of unoccupied states and relevant bosonic modes via the time-dependent momentum distribution. <i>Physical Review B</i> , 2013, 87, .	3.2	36
88	Light-Enhanced Spin Fluctuations and d -Wave Superconductivity at a Phase Boundary. <i>Physical Review Letters</i> , 2018, 120, 246402.	7.8	36
89	Angle-resolved photoemission spectroscopy of a Fermi-Hubbard system. <i>Nature Physics</i> , 2020, 16, 26-31.	16.7	36
90	Spectroscopic fingerprint of charge order melting driven by quantum fluctuations in a cuprate. <i>Nature Physics</i> , 2021, 17, 53-57.	16.7	36

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91	Phonon-Mediated Long-Range Attractive Interaction in One-Dimensional Cuprates. Physical Review Letters, 2021, 127, 197003.	7.8	34
92	Time-resolved photoemission of correlated electrons driven out of equilibrium. Physical Review B, 2010, 81, .	3.2	33
93	Producing coherent excitations in pumped Mott antiferromagnetic insulators. Physical Review B, 2017, 96, .	3.2	33
94	Direct characterization of photoinduced lattice dynamics in BaFe ₂ As ₂ . Nature Communications, 2015, 6, 7377.	12.8	32
95	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
96	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
97	Superconductivity-induced self-energy evolution of the nodal electron of optimally doped Bi ₂ Sr ₂ Ca _{0.92} Y _{0.08} Cu ₂ O ₈ + δ . Physical Review B, 2008, 77, .	3.2	31
98	Charge-orbital-lattice coupling effects in the profile of one-dimensional cuprates. Physical Review B, 2014, 89, .	3.2	31
99	Field-induced quantum spin liquid in the Kitaev-Heisenberg model and its relation to Physical Review B, 2019, 100, .	3.2	31
100	Exact theory for electronic Raman scattering of correlated materials in infinite dimensions. Physical Review B, 2001, 64, .	3.2	30
101	Doping evolution of spin and charge excitations in the Hubbard model. Physical Review B, 2015, 92, .	3.2	30
102	Interplay between the pseudogap and superconductivity in underdoped HgBa ₂ CuO ₄ + δ single crystals. Physical Review B, 2005, 71, .	3.2	29
103	How Circular Dichroism in Time- and Angle-Resolved Photoemission Can Be Used to Spectroscopically Detect Transient Topological States in Graphene. Physical Review X, 2020, 10, .	8.9	29
104	Coulombically-stabilized oxygen hole polarons enable fully reversible oxygen redox. Energy and Environmental Science, 2021, 14, 4858-4867.	30.8	29
105	Magnetic excitations and phonons simultaneously studied by resonant inelastic x-ray scattering in optimally doped Physical Review B, 2015, 92, .	3.2	28
106	Calculation of overdamped c-axis charge dynamics and the coupling to polar phonons in cuprate superconductors. Physical Review B, 2006, 74, .	3.2	27
107	Probing the pairing symmetry of the iron pnictides with electronic Raman scattering. Physical Review B, 2009, 79, .	3.2	27
108	Origin of strong dispersion in Hubbard insulators. Physical Review B, 2015, 92, .	3.2	27

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109	Ultrafast resonant soft x-ray diffraction dynamics of the charge density wave in TbTe ₃ . Physical Review B, 2016, 93, .	3.2	27
110	Collective spin fluctuation mode and Raman scattering in superconducting cuprates. Physical Review B, 2000, 62, 15204-15207.	3.2	26
111	Facile diamond synthesis from lower diamondoids. Science Advances, 2020, 6, eaay9405.	10.3	26
112	Resonance mode in Bi ₂ Raman scattering: A way to distinguish between spin-fluctuation and phonon-mediated d-wave superconductivity. Physical Review B, 2006, 73, .	3.2	25
113	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
114	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
115	Theory for time-resolved resonant inelastic x-ray scattering. Physical Review B, 2019, 99, .	3.2	23
116	Resonant inelastic x-ray scattering studies of magnons and bimagnons in the lightly doped cuprate $\text{La}_{1-x}\text{Bi}_x\text{CuO}_2$. Physical Review B, 2018, 97, .	3.2	22
117	Nonresonant inelastic light scattering in the Hubbard model. Physical Review B, 2003, 67, .	3.2	21
118	Fractionalization, entanglement, and separation: Understanding the collective excitations in a spin-orbital chain. Physical Review B, 2015, 91, .	3.2	21
119	Frustrated spin order and stripe fluctuations in FeSe. Communications Physics, 2019, 2, .	5.3	21
120	Aspects of electron-phonon self-energy revealed from angle-resolved photoemission spectroscopy. Physical Review B, 2007, 75, .	3.2	20
121	Superconducting Fluctuations in Overdoped $\text{Bi}_2\text{Te}_2\text{O}_8$. Physical Review X, 2021, 11, .	8.9	20
122	Renormalization of spectra by phase competition in the half-filled Hubbard-Holstein model. Physical Review B, 2015, 91, .	3.2	19
123	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
124	Revealing the Coulomb interaction strength in a cuprate superconductor. Physical Review B, 2017, 96, .	3.2	19
125	Gauge invariance of light-matter interactions in first-principle tight-binding models. Physical Review B, 2021, 103, .	3.2	19
126	Using Nonequilibrium Dynamics to Probe Competing Orders in a Mott-Peierls System. Physical Review Letters, 2016, 116, 086401.	7.8	18

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127	Amplitude mode oscillations in pump-probe photoemission spectra from a d-wave superconductor. Physical Review B, 2017, 96, .	3.2	18
128	Spin and charge excitations in artificial hole- and electron-doped infinite layer cuprate superconductors. Physical Review B, 2017, 96, .	3.2	17
129	Microscopic origin of Cooper pairing in the iron-based superconductor Ba _{1-x} K _x Fe ₂ As ₂ . Npj Quantum Materials, 2018, 3, .	5.2	17
130	Superconductivity, charge density waves, and bipolarons in the Holstein model. Physical Review B, 2021, 103, .	3.2	17
131	Inelastic X-Ray Scattering in Correlated Mott Insulators. Physical Review Letters, 2003, 90, 067402.	7.8	16
132	Fidelity study of the superconducting phase diagram in the two-dimensional single-band Hubbard model. Physical Review B, 2011, 84, .	3.2	16
133	Coincident onset of charge-density-wave order at a quantum critical point in underdoped $YBa_2Cu_3O_{7-x}$. Physical Review B, 2018, 97, .	3.2	16
134	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
135	Numerical exploration of spontaneous broken symmetries in multiorbital Hubbard models. Physical Review B, 2014, 90, .	3.2	15
136	Real-Space Visualization of Remnant Mott Gap and Magnon Excitations. Physical Review Letters, 2014, 112, 156402.	7.8	15
137	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
138	DC Hall coefficient of the strongly correlated Hubbard model. Npj Quantum Materials, 2020, 5, .	5.2	15
139	Metallic surface states in a correlated d-electron topological Kondo insulator candidate FeSb ₂ . Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15409-15413.	7.1	15
140	Self-energy dynamics and the mode-specific phonon threshold effect in Kekulé-ordered graphene. National Science Review, 2022, 9, .	9.5	15
141	Electronic structure of superconducting nickelates probed by resonant photoemission spectroscopy. Matter, 2022, 5, 1806-1815.	10.0	15
142	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
143	Numerically exploring the 1D-2D dimensional crossover on spin dynamics in the doped Hubbard model. Physical Review B, 2017, 96, .	3.2	14
144	Investigation of particle-hole asymmetry in the cuprates via electronic Raman scattering. Physical Review B, 2011, 84, .	3.2	13

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145	Tunneling spectroscopy for probing orbital anisotropy in iron pnictides. Physical Review B, 2013, 88, .	3.2	13
146	Unconventional pairing symmetry of interacting Dirac fermions on a \mathbb{Z}_2 -flux lattice. Physical Review B, 2018, 97, .	3.2	13
147	Time-resolved resonant inelastic x-ray scattering in a pumped Mott insulator. Physical Review B, 2020, 101, .	3.2	13
148	Site-specific structure at multiple length scales in kagome quantum spin liquid candidates. Physical Review Materials, 2020, 4, .	2.4	13
149	Superconductivity distorted by the coexisting pseudogap in the antinodal region of Bi ₂ Pb _{0.55} Sr _{1.5} TeO ₈ . Physical Review B, 2022, 105, .	3.2	12
150	Time-dependent charge-order and spin-order recovery in striped systems. Physical Review B, 2013, 88, .	3.2	12
151	Exact solution for Bloch oscillations of a simple charge-density-wave insulator. Physical Review B, 2014, 89, .	3.2	12
152	Doping dependence of ordered phases and emergent quasiparticles in the doped Hubbard-Holstein model. Physical Review B, 2017, 96, .	3.2	12
153	Frustrated magnetism from local moments in FeSe. Physical Review B, 2019, 99, .	3.2	12
154	Precursor of pair-density wave in doping Kitaev spin liquid on the honeycomb lattice. Npj Quantum Materials, 2021, 6, .	5.2	12
155	Resonant enhancement of charge density wave diffraction in the rare-earth tritellurides. Physical Review B, 2012, 85, .	3.2	11
156	Theory of time-resolved Raman scattering in correlated systems: Ultrafast engineering of spin dynamics and detection of thermalization. Physical Review B, 2018, 98, .	3.2	11
157	Numerical investigation of spin excitations in a doped spin chain. Physical Review B, 2019, 99, .	3.2	10
158	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
159	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
160	Influence of magnetism and correlation on the spectral properties of doped Mott insulators. Physical Review B, 2018, 97, .	3.2	9
161	Anisotropy of the magnetic and transport properties of EuZn ₂ As ₂ . Physical Review B, 2022, 105, .	3.2	9
162	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

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163	Fidelity study of superconductivity in extended Hubbard models. Physical Review B, 2015, 92, .	3.2	8
164	Ab initio molecular dynamics study of SiO ₂ lithiation. Chemical Physics Letters, 2020, 739, 136933.	2.6	8
165	Observing photo-induced chiral edge states of graphene nanoribbons in pump-probe spectroscopies. Npj Quantum Materials, 2020, 5, .	5.2	8
166	Emergence of quasiparticles in a doped Mott insulator. Communications Physics, 2020, 3, .	5.3	8
167	Biexciton Condensation in Electron-Hole-Doped Hubbard Bilayers: A Sign-Problem-Free Quantum Monte-Carlo Study. Physical Review Letters, 2020, 124, 077601.	7.8	8
168	Unconventional spectral signature of T _c in a pure d-wave superconductor. Nature, 2022, 601, 562-567.	27.8	8
169	Quasiparticle interference and the interplay between superconductivity and density wave order in the cuprates. Physical Review B, 2012, 86, .	3.2	7
170	Nature of a single doped hole in two-leg Hubbard and t [∞] J ladders. Physical Review B, 2016, 94, .	3.2	7
171	Evolution of the electronic structure in $\text{Ta}_{2-x}\text{Nb}_x\text{Te}_5$ across the structural transition revealed by resonant inelastic x-ray scattering. Physical Review B, 2021, 103, .	3.2	7
172	Effect of disorder on the electronic Raman scattering in the superconducting state of iron pnictides. Physical Review B, 2010, 82, .	3.2	6
173	Magic Doping and Robust Superconductivity in Monolayer FeSe on Titanates. Advanced Science, 2021, 8, 2003454.	11.2	6
174	X-ray scattering from light-driven spin fluctuations in a doped Mott insulator. Communications Physics, 2021, 4, .	5.3	6
175	Time-resolved RIXS experiment with pulse-by-pulse parallel readout data collection using X-ray free electron laser. Scientific Reports, 2020, 10, 22226.	3.3	6
176	Distinguishing finite-momentum superconducting pairing states with two-electron photoemission spectroscopy. Physical Review B, 2022, 105, .	3.2	6
177	Magnon Splitting Induced by Charge Transfer in the Three-Orbital Hubbard Model. Physical Review Letters, 2018, 120, 246401.	7.8	5
178	Spectral properties and enhanced superconductivity in renormalized Migdal-Eliashberg theory. Physical Review B, 2021, 103, .	3.2	5
179	Correlation-assisted quantized charge pumping. Physical Review B, 2021, 103, .	3.2	5
180	Intertwined States at Finite Temperatures in the Hubbard Model. Journal of the Physical Society of Japan, 2021, 90, 111010.	1.6	5

#	ARTICLE	IF	CITATIONS
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