Philipp Werner

List of Publications by Year
in descending order

204 papers	11,009 citations	36303 51 h-index	34986 98 g-index
207 all docs	207 docs citations	207 times ranked	4586 citing authors

#	ARTICLE	IF	CITATIONS
1	Continuous-time MonteÂCarlo methods for quantum impurity models. Reviews of Modern Physics, 2011, 83, 349-404.	45.6	1,185
2	Continuous-Time Solver for Quantum Impurity Models. Physical Review Letters, 2006, 97, 076405.	7.8	888
3	Nonequilibrium dynamical mean-field theory and its applications. Reviews of Modern Physics, 2014, 86, 779-837.	45.6	529
4	Thermalization after an Interaction Quench in the Hubbard Model. Physical Review Letters, 2009, 103, 056403.	7.8	368
5	Hybridization expansion impurity solver: General formulation and application to Kondo lattice and two-orbital models. Physical Review B, 2006, 74, .	3.2	346
6	Diagrammatic Monte Carlo simulation of nonequilibrium systems. Physical Review B, 2009, 79, .	3.2	235
7	Spin Freezing Transition and Non-Fermi-Liquid Self-Energy in a Three-Orbital Model. Physical Review Letters, 2008, 101, 166405.	7.8	214
8	High-Spin to Low-Spin and Orbital Polarization Transitions in Multiorbital Mott Systems. Physical Review Letters, 2007, 99, 126405.	7.8	171
9	Breakdown of a Topological Phase: Quantum Phase Transition in a Loop Gas Model with Tension. Physical Review Letters, 2007, 98, 070602.	7.8	168
10	Satellites and large doping and temperature dependence of electronic properties in hole-doped $BaFe_2As_2$. Nature Physics, 2012, 8, 331-337.	16.7	164
11	Efficient Dynamical Mean Field Simulation of the Holstein-Hubbard Model. Physical Review Letters, 2007, 99, 146404.	7.8	153
12	Nonequilibrium dynamical mean-field calculations based on the noncrossing approximation and its generalizations. Physical Review B, 2010, 82, .	3.2	153
13	Screening and nonlocal correlations in the extended Hubbard model from self-consistent combined GW and dynamical mean field theory. Physical Review B, 2013, 87, .	3.2	137
14	Ultrafast Electronic Band Gap Control in an Excitonic Insulator. Physical Review Letters, 2017, 119, 086401.	7.8	137
15	Nonequilibrium steady states and transient dynamics of conventional superconductors under phonon driving. Physical Review B, 2017, 96, .	3.2	123
16	Weak-coupling quantum Monte Carlo calculations on the Keldysh contour: Theory and application to the current-voltage characteristics of the Anderson model. Physical Review B, 2010, 81, .	3.2	118
17	Interaction quench in the Hubbard model: Relaxation of the spectral function and the optical conductivity. Physical Review B, 2010, 81, .	3.2	114
18	First-Order Dynamical Phase Transitions. Physical Review Letters, 2014, 113, 265702.	7.8	113

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19	Dielectric Breakdown of Mott Insulators in Dynamical Mean-Field Theory. Physical Review Letters, 2010, 105, 146404.	7.8	111
20	Dynamical Band Flipping in Fermionic Lattice Systems: An ac-Field-Driven Change of the Interaction from Repulsive to Attractive. Physical Review Letters, 2011, 106, 236401.	7.8	109
21	Nonthermal Antiferromagnetic Order and Nonequilibrium Criticality in the Hubbard Model. Physical Review Letters, 2013, 110, 136404.	7.8	106
22	Nickelate superconductors: Multiorbital nature and spin freezing. Physical Review B, 2020, 101, .	3.2	106
23	Thermalization of a pump-excited Mott insulator. Physical Review B, 2011, 84, .	3.2	101
24	Momentum-sector-selective metal-insulator transition in the eight-site dynamical mean-field approximation to the Hubbard model in two dimensions. Physical Review B, 2009, 80, .	3.2	98
25	Dynamical Screening in Correlated Electron Materials. Physical Review Letters, 2010, 104, 146401.	7.8	94
26	Improved estimators for the self-energy and vertex function in hybridization-expansion continuous-time quantum Monte Carlo simulations. Physical Review B, 2012, 85, .	3.2	92
27	Phase Diagram and Critical Exponents of a Dissipative Ising Spin Chain in a Transverse Magnetic Field. Physical Review Letters, 2005, 94, 047201.	7.8	91
28	High-Harmonic Generation in Mott Insulators. Physical Review Letters, 2018, 121, 057405.	7.8	91
29	Photoinduced States in a Mott Insulator. Physical Review Letters, 2013, 110, 126401.	7.8	88
30	Metal-insulator phase diagram and orbital selectivity in three-orbital models with rotationally invariant Hund coupling. Physical Review B, 2009, 79, .	3.2	83
31	Superconductivity from Emerging Magnetic Moments. Physical Review Letters, 2015, 115, 247001.	7.8	83
32	Momentum-selective metal-insulator transition in the two-dimensional Hubbard model: An 8-site dynamical cluster approximation study. Physical Review B, 2009, 80, .	3.2	78
33	Universal Conductance of Nanowires near the Superconductor-Metal Quantum Transition. Physical Review Letters, 2004, 92, 237003.	7.8	77
34	Spectral Properties of Correlated Materials: Local Vertex and Nonlocal Two-Particle Correlations from Combined GW and Dynamical Mean Field Theory. Physical Review Letters, 2012, 109, 226401.	7.8	74
35	Nonthermal symmetry-broken states in the strongly interacting Hubbard model. Physical Review B, 2012, 86, .	3.2	71
36	Photoinduced Enhancement of Excitonic Order. Physical Review Letters, 2017, 119, 247601.	7.8	70

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37	Dynamical Mean Field Solution of the Bose-Hubbard Model. Physical Review Letters, 2010, 105, 096402.	7.8	67
38	Extended dynamical mean-field study of the Hubbard model with long-range interactions. Physical Review B, 2014, 90, .	3.2	65
39	Phase Diagram of Pyrochlore Iridates: All-inâ€"All-out Magnetic Ordering and Non-Fermi-Liquid Properties. Physical Review Letters, 2015, 115, 156401.	7.8	65
40	Multitier self-consistent $GW+$ <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>G</mml:mi><mml:mi>W</mml:mi><mml:mo> Physical Review Materials, 2017, 1, .	24	63
41	Continuous-Time Quantum Monte Carlo Method for the Coqblinâ€"Schrieffer Model. Journal of the Physical Society of Japan, 2007, 76, 114707.	1.6	63
42	Damping of Bloch Oscillations in the Hubbard Model. Physical Review Letters, 2011, 107, 186406.	7.8	61
43	Efficient implementation of the continuous-time hybridization expansion quantum impurity solver. Computer Physics Communications, 2013, 184, 1280-1286.	7.5	61
44	Interaction quench in the Holstein model: Thermalization crossover from electron- to phonon-dominated relaxation. Physical Review B, 2015, 91, .	3.2	61
45	On the dangers of partial diagrammatic summations: Benchmarks for the two-dimensional Hubbard model in the weak-coupling regime. Physical Review B, 2015, 91, .	3.2	58
46	Performance analysis of continuous-time solvers for quantum impurity models. Physical Review B, 2007, 76, .	3.2	57
47	Local Berry curvature signatures in dichroic angle-resolved photoelectron spectroscopy from two-dimensional materials. Science Advances, 2020, 6, eaay2730.	10.3	57
48	Electronic orders in multiorbital Hubbard models with lifted orbital degeneracy. Physical Review B, 2016, 93, .	3.2	55
49	Doping-driven Mott transition in the one-band Hubbard model. Physical Review B, 2007, 75, .	3.2	53
50	Normal State of Nd1âˆ'xSrxNiO2 from Self-Consistent GW+EDMFT. Physical Review X, 2020, 10, .	8.9	53
51	Ordered phases in the Holstein-Hubbard model: Interplay of strong Coulomb interaction and electron-phonon coupling. Physical Review B, 2013, 88, .	3.2	52
52	Phonon-enhanced relaxation and excitation in the Holstein-Hubbard model. Physical Review B, 2013, 88, .	3.2	51
53	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si56.gif" display="inline" overflow="scroll"><mml:mi>i</mml:mi><mml:mstyle mathvariant="normal"><mml:mi>QIST</mml:mi></mml:mstyle></mml:math>: An open source continuous-time quantum Monte Carlo impurity solver toolkit. Computer Physics Communications, 2015, 195, 140-160.	7.5	51
54	Dynamical mean-field theory for bosons. New Journal of Physics, 2011, 13, 075013.	2.9	50

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55	Multiorbital Kondo physics of Co in Cu hosts. Physical Review B, 2012, 85, .	3.2	50
56	Role of impact ionization in the thermalization of photoexcited Mott insulators. Physical Review B, 2014, 90, .	3.2	50
57	Photoinduced gap closure in an excitonic insulator. Physical Review B, 2016, 94, .	3.2	50
58	Dynamical screening in correlated electron systemsâ€"from lattice models to realistic materials. Journal of Physics Condensed Matter, 2016, 28, 383001.	1.8	50
59	Nonequilibrium dynamical mean-field theory based on weak-coupling perturbation expansions: Application to dynamical symmetry breaking in the Hubbard model. Physical Review B, 2013, 88, .	3.2	49
60	Continuous-time quantum Monte Carlo impurity solvers. Computer Physics Communications, 2011, 182, 1078-1082.	7.5	48
61	Ultra-fast photo-carrier relaxation in Mott insulators with short-range spin correlations. Scientific Reports, 2016, 6, 21235.	3.3	48
62	Field-induced polaron formation in the Holstein-Hubbard model. Europhysics Letters, 2015, 109, 37002.	2.0	47
63	NESSi: The Non-Equilibrium Systems Simulation package. Computer Physics Communications, 2020, 257, 107484.	7.5	47
64	Dynamical screening in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mtext>La</mml:mtext><mml:mn>2</mml:mn>. Physical Review B, 2015, 91, .	3.2	45
65	Influence of Fock exchange in combined many-body perturbation and dynamical mean field theory. Physical Review B, 2017, 95, .	3.2	45
66	Krylov implementation of the hybridization expansion impurity solver and application to 5-orbital models. Physical Review B, 2009, 80, .	3.2	44
67	Low-temperature properties of the infinite-dimensional attractive Hubbard model. Physical Review A, 2011, 84, .	2.5	44
68	Repulsion-to-attraction transition in correlated electron systems triggered by a monocycle pulse. Physical Review B, 2012, 85, .	3.2	44
69	Magnetism and orbital ordering in an interacting three-band model: A dynamical mean-field study. Physical Review B, 2009, 80, .	3.2	43
70	Correlations in a band insulator. Physical Review B, 2009, 80, .	3.2	41
71	Dynamics of screening in photodoped Mott insulators. Physical Review B, 2015, 92, .	3.2	40
72	Exact out-of-time-ordered correlation functions for an interacting lattice fermion model. Physical Review A, 2017, 95, .	2.5	40

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73	J Freezing and Hund's Rules in Spin-Orbit-Coupled Multiorbital Hubbard Models. Physical Review Letters, 2017, 118, 086401.	7.8	40
74	Spontaneous Orbital-Selective Mott Transitions and the Jahn-Teller Metal of A_3C_{60}. Physical Review Letters, 2017, 118, 177002.	7.8	38
75	Multiple amplitude modes in strongly coupled phonon-mediated superconductors. Physical Review B, 2016, 93, .	3.2	37
76	η-paired superconducting hidden phase in photodoped Mott insulators. Physical Review B, 2020, 102, .	3.2	37
77	Quantum Spin Chains with Site Dissipation. Journal of the Physical Society of Japan, 2005, 74, 67-70.	1.6	36
78	Nonequilibrium steady states of electric field driven Mott insulators. Physical Review B, 2018, 98, .	3.2	36
79	Floquet prethermalization in the resonantly driven Hubbard model. Europhysics Letters, 2017, 120, 57001.	2.0	35
80	Ultrafast Separation of Photodoped Carriers in Mott Antiferromagnets. Physical Review Letters, 2014, 113, 076405.	7.8	33
81	Nonequilibrium $GW+EDMFT$: Antiscreening and Inverted Populations from Nonlocal Correlations. Physical Review Letters, 2017, 118, 246402.	7.8	33
82	Theory of photoinduced ultrafast switching to a spin-orbital ordered hidden phase. Nature Communications, 2018, 9, 4581.	12.8	33
83	Nonequilibrium dynamical mean-field simulation of inhomogeneous systems. Physical Review B, 2013, 88, .	3.2	32
84	Collective modes in excitonic insulators: Effects of electron-phonon coupling and signatures in the optical response. Physical Review B, 2020, 101, .	3.2	32
85	Spin-freezing perspective on cuprates. Physical Review B, 2016, 94, .	3.2	31
86	High-harmonic generation in one-dimensional Mott insulators. Physical Review B, 2021, 103, .	3.2	31
87	Multiband nonequilibrium GW+EDMFT formalism for correlated insulators. Physical Review B, 2019, 100, .	3.2	30
88	Superconductivity in the two-band Hubbard model. Physical Review B, 2015, 91, .	3.2	29
89	Continuous-time hybridization expansion quantum impurity solver for multi-orbital systems with complex hybridizations. Computer Physics Communications, 2017, 215, 128-136.	7.5	29
90	Limitations of constrained random phase approximation downfolding. Physical Review B, 2018, 98, .	3.2	29

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91	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
92	Imaging the coherent propagation of collective modes in the excitonic insulator Ta$_2$NiSe$_5$ at room temperature. Science Advances, 2021, 7, .	10.3	29
93	Superconducting Phase and Pairing Fluctuations in the Half-Filled Two-Dimensional Hubbard Model. Physical Review Letters, 2011, 107, 126401.	7.8	28
94	High-harmonic generation in quantum spin systems. Physical Review B, 2019, 99, .	3.2	28
95	Ultrafast nonequilibrium evolution of excitonic modes in semiconductors. Physical Review B, 2020, 101, .	3.2	28
96	Nonequilibrium Dynamical Mean-Field Theory for Bosonic Lattice Models. Physical Review X, 2015, 5, .	8.9	26
97	Long-range orders and spin/orbital freezing in the two-band Hubbard model. Physical Review B, 2016, 94, .	3.2	26
98	Dynamics of photodoped charge transfer insulators. Physical Review B, 2019, 100, .	3.2	26
99	Quantum Simulation Meets Nonequilibrium Dynamical Mean-Field Theory: Exploring the Periodically Driven, Strongly Correlated Fermi-Hubbard Model. Physical Review Letters, 2019, 123, 193602.	7.8	26
100	Screening from eg states and antiferromagnetic correlations in d(1,2,3) perovskites: A GW+EDMFT investigation. Physical Review Research, 2020, 2, .	3.6	26
101	Polarized Superfluidity in the Imbalanced Attractive Hubbard Model. Journal of the Physical Society of Japan, 2010, 79, 064401.	1.6	25
102	Nonthermal Melting of NÃ©el Order in the Hubbard Model. Physical Review X, 2015, 5, .	8.9	25
103	Efficient Simulation of Resistively Shunted Josephson Junctions. Physical Review Letters, 2005, 95, 060201.	7.8	24
104	Continuous-time quantum Monte Carlo and maximum entropy approach to an imaginary-time formulation of strongly correlated steady-state transport. Physical Review E, 2010, 82, 026701.	2.1	24
105	Nonequilibrium dynamical cluster theory. Physical Review B, 2014, 90, .	3.2	24
106	Accuracy of downfolding based on the constrained random-phase approximation. Physical Review B, 2015, 91, .	3.2	24
107	Negative sign problem in continuous-time quantum Monte Carlo: Optimal choice of single-particle basis for impurity problems. Physical Review B, 2015, 92, .	3.2	24
108	Entropy-cooled nonequilibrium states of the Hubbard model. Physical Review B, 2019, 100, .	3.2	23

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109	Light-induced evaporative cooling of holes in the Hubbard model. Nature Communications, 2019, 10, 5556.	12.8	23
110	Dielectric breakdown of Mott insulators â€" doublon production and doublon heating. Journal of Physics: Conference Series, 2013, 427, 012005.	0.4	22
111	Enhanced pairing susceptibility in a photodoped two-orbital Hubbard model. Physical Review B, 2018, 97, .	3.2	22
112	Ultrafast coupled charge and spin dynamics in strongly correlated NiO. Nature Communications, 2020, 11, 4095.	12.8	22
113	From the Cooper Problem to Canted Supersolids in Bose-Fermi Mixtures. Physical Review Letters, 2012, 109, 206401.	7.8	21
114	Tracing the nonequilibrium topological state of Chern insulators. Physical Review B, 2017, 96, .	3.2	21
115	Hund's coupling driven photocarrier relaxation in the two-band Mott insulator. Physical Review B, 2017, 96, .	3.2	20
116	Anisotropic Harper-Hofstadter-Mott model: Competition between condensation and magnetic fields. Physical Review B, 2017, 96, .	3.2	20
117	High-harmonic generation in spin-orbit coupled systems. Physical Review B, 2020, 102, .	3.2	20
118	Hybridization expansion Monte Carlo simulation of multi-orbital quantum impurity problems: matrix product formalism and improved sampling. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P06012.	2.3	19
119	Ultrafast switching of composite order in A_3C_{60}. Physical Review B, 2017, 95, .	3.2	19
120	Quench dynamics and Hall response of interacting Chern insulators. Physical Review B, 2019, 100, .	3.2	19
121	Multi-orbital nature of the spin fluctuations in Sr_2RuO_4. Europhysics Letters, 2018, 122, 57001.	2.0	18
122	Coupled charge and spin dynamics in a photoexcited doped Mott insulator. Physical Review B, 2018, 97, .	3.2	17
123	Adiabatic Preparation of a Correlated Symmetryâ€Broken Initial State with the Generalized Kadanoffâ€"Baym Ansatz. Physica Status Solidi (B): Basic Research, 2019, 256, 1800469.	1.5	17
124	Signatures of bosonic excitations in high-harmonic spectra of Mott insulators. Physical Review B, 2020, 101, .	3.2	17
125	Mott versus Hybridization Gap in the Low-Temperature Phase of $1T\text{-}$. Physical Review Letters, 2022, 129, .	7.8	17
126	Truncating the memory time in nonequilibrium dynamical mean field theory calculations. Physical Review B, 2018, 97, .	3.2	16

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127	Hund excitations and the efficiency of Mott solar cells. Physical Review B, 2019, 100, .	3.2	16
128	Universal scaling behaviour of the single electron box in the strong tunnelling limit. Journal of Statistical Mechanics: Theory and Experiment, 2006, 2006, P11002-P11002.	2.3	15
129	Superfluid State in the Periodic Anderson Model with Attractive Interactions. Journal of the Physical Society of Japan, 2010, 79, 114401.	1.6	15
130	Rubidium superoxide: Ap-electron Mott insulator. Physical Review B, 2012, 86, .	3.2	15
131	Double-expansion impurity solver for multiorbital models with dynamically screened U and J. Physical Review B, 2015, 92, .	3.2	15
132	Effective doublon and hole temperatures in the photo-doped dynamic Hubbard model. Structural Dynamics, 2016, 3, 023603.	2.3	15
133	Damping of the collective amplitude mode in superconductors with strong electron-phonon coupling. Physical Review B, 2016, 94, .	3.2	15
134	Cluster Monte Carlo Algorithms for Dissipative Quantum Systems. Progress of Theoretical Physics Supplement, 2005, 160, 395-417.	0.1	14
135	Resistively shunted Josephson junctions: quantum field theory predictions versus Monte Carlo results. Journal of Statistical Mechanics: Theory and Experiment, 2007, 2007, P06002-P06002.	2.3	14
136	Charge and spin criticality for the continuous Mott transition in a two-dimensional organic conductor. Physical Review B, 2011, 84, .	3.2	14
137	Downfolding electron-phonon Hamiltonians from *ab initio* calculations: Application to K_3picene. Physical Review B, 2014, 90, .	3.2	14
138	Supersolid Phase Accompanied by a Quantum Critical Point in the Intermediate Coupling Regime of the Holstein Model. Physical Review Letters, 2014, 113, 266404.	7.8	13
139	Nonequilibrium dynamical cluster approximation study of the Falicov-Kimball model. Physical Review B, 2016, 94, .	3.2	13
140	Bosonic self-energy functional theory. Physical Review B, 2016, 94, .	3.2	13
141	Staggered ordered phases in the three-orbital Hubbard model. Physical Review B, 2019, 99, .	3.2	13
142	Alleviating the sign problem in quantum Monte Carlo simulations of spin-orbit-coupled multiorbital Hubbard models. Physical Review B, 2020, 101, .	3.2	13
143	Diagrammatic study of optical excitations in correlated systems. Physical Review B, 2021, 103, .	3.2	13
144	Optimal ramp shapes for the fermionic Hubbard model in infinite dimensions. Physical Review B, 2011, 83, .	3.2	12

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145	Relaxation dynamics of the Kondo lattice model. Physical Review B, 2012, 86, .	3.2	12
146	Gauge theory of topological phases of matter. Europhysics Letters, 2013, 101, 47007.	2.0	12
147	Dynamical mean field approximation applied to quantum field theory. Physical Review D, 2013, 88, .	4.7	12
148	Extracting spectral properties from Keldysh Green functions. Physical Review E, 2013, 87, 023305.	2.1	12
149	Spontaneously orbital-selective superconductivity in a three-orbital Hubbard model. Physical Review B, 2018, 98, .	3.2	12
150	First-principles studies of spin-orbital physics in pyrochlore oxides. Journal of Physics Condensed Matter, 2019, 31, 323001.	1.8	12
151	Self-Consistent Quantum Mechanical Monte Carlo MOSFET Device Simulation. Journal of Computational Electronics, 2003, 2, 97-103.	2.5	11
152	Efficient evaluation of the effective dielectric function of a macromolecule in aqueous solution. Journal of Computational Chemistry, 2003, 24, 1936-1949.	3.3	11
153	Beyond the Hubbard bands in strongly correlated lattice bosons. Physical Review A, 2015, 92, .	2.5	11
154	Magnetic moment evolution and spin freezing in doped BaFe2As2. Scientific Reports, 2017, 7, 8003.	3.3	11
155	Pressure-driven insulator-metal transition in cubic phase UO 2. Europhysics Letters, 2017, 119, 57007.	2.0	11
156	Photoenhanced excitonic correlations in a Mott insulator with nonlocal interactions. Physical Review B, 2020, 101, .	3.2	11
157	Simulation of time-dependent resonant inelastic x-ray scattering using nonequilibrium dynamical mean-field theory. Physical Review B, 2021, 103, .	3.2	11
158	Unconventional pairing from local orbital fluctuations in strongly correlated A_3C_{60}. Physical Review B, 2021, 104, .	3.2	11
159	Electronic excitation spectra of the five-orbital Anderson impurity model: From the atomic limit to itinerant atomic magnetism. Physical Review B, 2014, 89, .	3.2	10
160	Exploring nonequilibrium phases of photo-doped Mott insulators with generalized Gibbs ensembles. Communications Physics, 2022, 5, .	5.3	10
161	Detecting phase transitions and crossovers in Hubbard models using the fidelity susceptibility. Physical Review B, 2016, 94, .	3.2	9
162	Nonthermal switching of charge order: Dynamical slowing down and optimal control. Physical Review B, 2018, 97, .	3.2	9

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163	Spreading of correlations in the Falicov-Kimball model. Physical Review B, 2018, 97, .	3.2	9
164	Spin-freezing and the Sachdev-Ye model. Europhysics Letters, 2018, 124, 57002.	2.0	9
165	Comparative study of nonequilibrium insulator-to-metal transitions in electron-phonon systems. Physical Review B, 2019, 99, .	3.2	9
166	A Sphere-Based Model for the Electrostatics of Globular Proteins. Journal of the American Chemical Society, 2003, 125, 4600-4608.	13.7	8
167	Simulation results for an interacting pair of resistively shunted Josephson junctions. Journal of Statistical Mechanics: Theory and Experiment, 2005, 2005, P12003-P12003.	2.3	8
168	Entropy and electronic orders of the three-orbital Hubbard model with antiferromagnetic Hund coupling. Physical Review B, 2020, 102, .	3.2	8
169	Effects of frustration on the nonequilibrium dynamics of photoexcited lattice systems. Physical Review B, 2020, 102, .	3.2	8
170	Ferromagnetic spin correlations in the two-dimensional Hubbard model. Physical Review Research, 2020, 2, .	3.6	8
171	Extended mean field study of complex $\ddot{I}\dagger4$-theory at finite density and temperature. Physical Review D, 2014, 90, .	4.7	7
172	Out-of-time-ordered correlators of the Hubbard model: Sachdev-Ye-Kitaev strange metal in the spin-freezing crossover region. Physical Review B, 2019, 99, .	3.2	7
173	Nonthermal excitonic condensation near a spin-state transition. Physical Review B, 2020, 102, .	3.2	7
174	Nonequilibrium-DMFT based RIXS investigation of the two-orbital Hubbard model. Europhysics Letters, 2021, 133, 57005.	2.0	7
175	Quantum Monte Carlo impurity solvers for multi-orbital problems and frequency-dependent interactions. European Physical Journal: Special Topics, 2017, 226, 2499-2523.	2.6	6
176	Unconventional orbital ordering and emergent dimensional reduction in fulleride superconductors. Physical Review B, 2019, 99, .	3.2	6
177	Revealing Hund's multiplets in Mott insulators under strong electric fields. Physical Review B, 2020, 101, .	3.2	6
178	Investigation of the effective interactions for the Emery model by the constrained random-phase approximation and constrained functional renormalization group. Physical Review B, 2021, 103, .	3.2	6
179	Photoinduced strange metal with electron and hole quasiparticles. Physical Review B, 2021, 103, .	3.2	6
180	Fully <i>ab initio</i> electronic structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>Ca</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:... Physical Review B, 2021, 104, .	3.2	6

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181	Causal versus local GW scheme and application to the triangular-lattice extended Hubbard model. Physical Review B, 2022, 105, .	3.2	6
182	Dynamic pathway of the photoinduced phase transition of $TbMnO_3$. Physical Review B, 2017, 96, .	3.2	6
183	Entropy and specific heat of the infinite-dimensional three-orbital Hubbard model. Physical Review B, 2020, 102, .	3.2	5
184	Photoinduced Dirac-cone flattening in $BaNiS_2$. Physical Review B, 2021, 104, .	3.2	5
185	Memory truncated Kadanoff-Baym equations. Physical Review B, 2022, 105, .	3.2	5
186	J_{eff} metallic phase and unconventional superconductivity in $GaTa_4$. Physical Review B, 2021, 103, .	3.2	4
187	Nonequilibrium resonant inelastic x-ray scattering study of an electron-phonon model. Physical Review B, 2021, 104, .	3.2	4
188	Nonequilibrium evolution of the optical conductivity of the weakly interacting Hubbard model: Drude response and $\ddot{I}\in$ -ton type vertex corrections. Physical Review B, 2021, 104, .	3.2	4
189	Eliashberg theory of the Jahn-Teller-Hubbard model. Physical Review B, 2022, 105, .	3.2	4
190	Effective charging energy of the single-electron box. Journal of Statistical Mechanics: Theory and Experiment, 2005, 2005, P01003.	2.3	3
191	Superfluid state in the periodic Anderson model with attractive interactions. Journal of Physics: Conference Series, 2011, 302, 012040.	0.4	3
192	Light-induced hidden odd-frequency order in a model for A_3C_{60}. Physical Review B, 2021, 104, .	3.2	3
193	Pairing enhanced by local orbital fluctuations in a model for monolayer FeSe. Physical Review B, 2021, 104, .	3.2	3
194	Magnetic properties of the two-band Hubbard model with different bandwidths. Physica B: Condensed Matter, 2009, 404, 3267-3270.	2.7	2
195	Continuous-time quantum impurity solvers. Physics Procedia, 2010, 6, 31-34.	1.2	2
196	Superconductivity in black phosphorus and the role of dynamical screening. Physical Review B, 2022, 105, .	3.2	2
197	PSEUDOGAP BEHAVIOR IN THE INFINITE DIMENSIONAL ATTRACTIVE HUBBARD MODEL. Modern Physics Letters B, 2011, 25, 973-978.	1.9	1
198	CT-QMC and Maximum Entropy Approach to a Scattering-States Formulation of Strongly Correlated Steady-State Transport. Journal of Physics: Conference Series, 2011, 273, 012150.	0.4	1

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199	Mechanism for Synchronization of Charge Oscillations in Dimer Lattices. Journal of the Physical Society of Japan, 2021, 90, 044713.	1.6	1
200	Nonlinear optical processes in cavity light-matter systems. Physical Review B, 2021, 104, .	3.2	1
201	Dynamical Mean-Field Analysis of Ordered Phases in the Half-Filled Holstein-Hubbard Model. , 2014, , .		1
202	Superfluid gap formation in a fermionic optical lattice with spin imbalanced populations. Journal of Physics: Conference Series, 2011, 273, 012116.	0.4	0
203	Dynamical properties of ultracold fermions with attractive interactions in an optical lattice. Journal of Physics: Conference Series, 2012, 391, 012144.	0.4	0
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