Antoine Georges

List of Publications by Year
in descending order

		9234	5227
253	28,473	74	165
papers	citations	h-index	g-index

258	258	258	13771
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dynamical mean-field theory of strongly correlated fermion systems and the limit of infinite dimensions. Reviews of Modern Physics, 1996, 68, 13-125.	16.4	5,739
2	Anomalous diffusion in disordered media: Statistical mechanisms, models and physical applications. Physics Reports, 1990, 195, 127-293.	10.3	3,538
3	Hubbard model in infinite dimensions. Physical Review B, 1992, 45, 6479-6483.	1.1	875
4	Strong Correlations from Hundâ€™s Coupling. Annual Review of Condensed Matter Physics, 2013, 4, 137-178.	5.2	616
5	Frequency-dependent local interactions and low-energy effective models from electronic structure calculations. Physical Review B, 2004, 70, .	1.1	601
6	Dynamical Singlets and Correlation-Assisted Peierls Transition inVO2. Physical Review Letters, 2005, 94, 026404.	2.9	600
7	Time Evolution of the Electronic Structure of1Tâ^’TaS2through the Insulator-Metal Transition. Physical Review Letters, 2006, 97, 067402.	2.9	425
8	Mott Transition and Suppression of Orbital Fluctuations in Orthorhombic3d1Perovskites. Physical Review Letters, 2004, 92, 176403.	2.9	411
9	Nonlinear lattice dynamics as a basis for enhanced superconductivity in YBa2Cu3O6.5. Nature, 2014, 516, 71-73.	13.7	391
10	First-Principles Approach to the Electronic Structure of Strongly Correlated Systems: Combining theGWApproximation and Dynamical Mean-Field Theory. Physical Review Letters, 2003, 90, 086402.	2.9	320
11	MoirÃ© heterostructures as a condensed-matter quantum simulator. Nature Physics, 2021, 17, 155-163.	6.5	317
12	Universality and Critical Behavior at the Mott Transition. Science, 2003, 302, 89-92.	6.0	305
13	Two energy scales and two distinct quasiparticle dynamics in the superconducting state of underdoped cuprates. Nature Physics, 2006, 2, 537-543.	6.5	301
14	Dynamical mean-field theory within an augmented plane-wave framework: Assessing electronic correlations in the iron pnictide LaFeAsO. Physical Review B, 2009, 80, .	1.1	297
15	Thermoelectric transport in disordered metals without quasiparticles: The Sachdev-Ye-Kitaev models and holography. Physical Review B, 2017, 95, .	1.1	289
16	Janus-Faced Influence of Hundâ€™s Rule Coupling in Strongly Correlated Materials. Physical Review Letters, 2011, 107, 256401.	2.9	277
17	Mott Transition and Transport Crossovers in the Organic Compoundĺºâ^’(BEDTâ^’TTF)2Cu[N(CN)2]Cl. Physical Review Letters, 2003, 91, 016401.	2.9	231
18	A Thermoelectric Heat Engine with Ultracold Atoms. Science, 2013, 342, 713-715.	6.0	230

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19	Numerical solution of thed=â^ž Hubbard model: Evidence for a Mott transition. Physical Review Letters, 1992, 69, 1240-1243.	2.9	229
20	Classical diffusion of a particle in a one-dimensional random force field. Annals of Physics, 1990, 201, 285-341.	1.0	220
21	Slave-rotor mean-field theories of strongly correlated systems and the Mott transition in finite dimensions. Physical Review B, 2004, 70, .	1.1	214
22	Physical properties of the half-filled Hubbard model in infinite dimensions. Physical Review B, 1993, 48, 7167-7182.	1.1	209
23	Plane-wave based electronic structure calculations for correlated materials using dynamical mean-field theory and projected local orbitals. Physical Review B, 2008, 77, .	1.1	202
24	Coherence-Incoherence Crossover and the Mass-Renormalization Puzzles in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>RuO</mml:mi><mml:mn Physical Review Letters, 2011, 106, 096401.	2.9	200
25	Electronic Correlations in Transport through Coupled Quantum Dots. Physical Review Letters, 1999, 82, 3508-3511.	2.9	198
26	Orbital-selective Mott transition in multiband systems: Slave-spin representation and dynamical mean-field theory. Physical Review B, 2005, 72, .	1.1	198
27	Theoretical evidence for strong correlations and incoherent metallic state in FeSe. Physical Review B, 2010, 82, .	1.1	194
28	Non-Fermi-liquid regime of a doped Mott insulator. Physical Review B, 1999, 59, 5341-5360.	1.1	190
29	Bandwidth and Fermi surface of iron oxypnictides: Covalency and sensitivity to structural changes. Physical Review B, 2008, 78, .	1.1	189
30	Quantum fluctuations of a nearly critical Heisenberg spin glass. Physical Review B, 2001, 63, .	1.1	184
31	Theory of nonlinear phononics for coherent light control of solids. Physical Review B, 2014, 89, .	1.1	178
32	Dynamical mean-field theory using Wannier functions: A flexible route to electronic structure calculations of strongly correlated materials. Physical Review B, 2006, 74, .	1.1	177
33	How Bad Metals Turn Good: Spectroscopic Signatures of Resilient Quasiparticles. Physical Review Letters, 2013, 110, 086401.	2.9	177
34	Coherence Scale of the Kondo Lattice. Physical Review Letters, 2000, 85, 1048-1051.	2.9	159
35	Femtosecond dynamics of electronic states in the Mott insulator 1T-TaS₂by time resolved photoelectron spectroscopy. New Journal of Physics, 2008, 10, 053019.	1.2	152
36	Non-Fermi-liquid behavior near aT=0 spin-glass transition. Physical Review B, 1995, 52, 10295-10302.	1.1	148

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37	Interaction-Induced Adiabatic Cooling and Antiferromagnetism of Cold Fermions in Optical Lattices. Physical Review Letters, 2005, 95, 056401.	2.9	146
38	Self-consistency over the charge density in dynamical mean-field theory: A linear muffin-tin implementation and some physical implications. Physical Review B, 2007, 76, .	1.1	146
39	Momentum-space anisotropy and pseudogaps: A comparative cluster dynamical mean-field analysis of the doping-driven metal-insulator transition in the two-dimensional Hubbard model. Physical Review B, 2010, 82, .	1.1	143
40	Overscreened multichannelSU(N)Kondo model: Large-Nsolution and conformal field theory. Physical Review B, 1998, 58, 3794-3813.	1.1	142
41	Rotationally invariant slave-boson formalism and momentum dependence of the quasiparticle weight. Physical Review B, 2007, 76, .	1.1	136
42	Quantitative Determination of Temperature in the Approach to Magnetic Order of Ultracold Fermions in an Optical Lattice. Physical Review Letters, 2010, 104, 180401.	2.9	136
43	TheÎ±â^'Î³Transition of Cerium Is Entropy Driven. Physical Review Letters, 2006, 96, 066402.	2.9	135
44	Mean Field Theory of a Quantum Heisenberg Spin Glass. Physical Review Letters, 2000, 85, 840-843.	2.9	130
45	Enhanced crystal-field splitting and orbital-selective coherence induced by strong correlations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2007, 76, .	1.1	129
46	Importance of electronic correlations for structural and magnetic properties of the iron pnictide superconductor LaFeAsO. Physical Review B, 2011, 84, .	1.1	119
47	Theory of light-enhanced phonon-mediated superconductivity. Physical Review B, 2016, 93, .	1.1	119
48	Non-Fermi-Liquid Behavior and Double-Exchange Physics in Orbital-Selective Mott Systems. Physical Review Letters, 2005, 95, 206401.	2.9	118
49	Superdiffusion in random velocity fields. Physical Review Letters, 1990, 64, 2503-2506.	2.9	116
50	Pseudogap opening and formation of Fermi arcs as an orbital-selective Mott transition in momentum space. Physical Review B, 2009, 80, .	1.1	116
51	How to expand around mean-field theory using high-temperature expansions. Journal of Physics A, 1991, 24, 2173-2192.	1.6	112
52	Dual fermion approach to the two-dimensional Hubbard model: Antiferromagnetic fluctuations and Fermi arcs. Physical Review B, 2009, 79, .	1.1	110
53	Heavy-fermion and spin-liquid behavior in a Kondo lattice with magnetic frustration. Physical Review B, 2002, 66, .	1.1	108
54	Spectroscopic evidence for Fermi liquid-like energy and temperature dependence of the relaxation rate in the pseudogap phase of the cuprates. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 5774-5778.	3.3	108

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55	Low-energy description of the metal-insulator transition in the rare-earth nickelates. Physical Review B, 2015, 91, .	1.1	106
56	Nonexistence of the Luttinger-Ward Functional and Misleading Convergence of Skeleton Diagrammatic Series for Hubbard-Like Models. Physical Review Letters, 2015, 114, 156402.	2.9	103
57	Deconfinement Transition and Luttinger to Fermi Liquid Crossover in Quasi-One-Dimensional Systems. Physical Review Letters, 2001, 87, 276405.	2.9	101
58	Measuring the One-Particle Excitations of Ultracold Fermionic Atoms by Stimulated Raman Spectroscopy. Physical Review Letters, 2007, 98, 240402.	2.9	98
59	Solving the dynamical mean-field theory at very low temperatures using the Lanczos exact diagonalization. Physical Review B, 2007, 76, .	1.1	98
60	Superradiant Quantum Materials. Physical Review Letters, 2019, 122, 017401.	2.9	93
61	Controlling Feynman diagrammatic expansions: Physical nature of the pseudogap in the two-dimensional Hubbard model. Physical Review B, 2017, 96, .	1.1	91
62	Spectroscopic Signatures of a Bandwidth-Controlled Mott Transition at the Surface of1Tâ^'TaSe2. Physical Review Letters, 2003, 90, 166401.	2.9	90
63	High-Resolution Photoemission on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Sr</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow> Reveals Correlation-Enhanced Effective Spin-Orbit Coupling and Dominantly Local Self-Energies. Physical Review X, 2019, 9, .	2.8	90
64	Quantum impurity solvers using a slave rotor representation. Physical Review B, 2002, 66, .	1.1	89
65	Cooling fermionic atoms in optical lattices by shaping the confinement. Physical Review A, 2009, 79, .	1.0	89
66	Interaction-Induced Impeding of Decoherence and Anomalous Diffusion. Physical Review Letters, 2012, 109, 045302.	2.9	87
67	Tracking the Footprints of Spin Fluctuations: A MultiMethod, MultiMessenger Study of the Two-Dimensional Hubbard Model. Physical Review X, 2021, 11, .	2.8	87
68	Fermi-Liquid Behavior of the Normal Phase of a Strongly Interacting Gas of Cold Atoms. Physical Review Letters, 2011, 106, 215303.	2.9	84
69	The replica momenta of a spin-glass and the phase diagram of n-colour Ashkin-Teller models. Journal De Physique, 1987, 48, 1-9.	1.8	84
70	Ground states of a Boseâ€“Hubbard ladder in an artificial magnetic field: field-theoretical approach. New Journal of Physics, 2014, 16, 073005.	1.2	83
71	Anomalous diffusion in random media of any dimensionality. Journal De Physique, 1987, 48, 1445-1450.	1.8	81
72	Thermopower of correlated semiconductors: Application to<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>FeAs</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:ms xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>FeSb</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:m Physical Review B, 2010, 82, .	1.1	80

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73	Electronic transitions in strained SmNiO₃ thin films. APL Materials, 2014, 2, 116110.	2.2	76
74	Spin-Orbit Coupling and Electronic Correlations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Sr</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:mrow><mml:mi>RuO</mml:mi></mml:mrow><mml:mrow><mml:msub><mml:mrow></mml:mrow><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:mrow></mml:math>. Physical Review Letters, 2018, 120, 126401.	2.9	76
75	Transition from Overscreening to Underscreening in the Multichannel Kondo Model: Exact Solution at LargeN. Physical Review Letters, 1997, 79, 4665-4668.	2.9	74
76	Coherent Peaks and Minimal Probing Depth in Photoemission Spectroscopy of Mott-Hubbard Systems. Physical Review Letters, 2006, 97, 116401.	2.9	74
77	Electronic correlations, magnetism, and Hund's rule coupling in the ruthenium perovskites<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>SrRuO</mml:mtext><mml:mn>3</mml:mn></mml:msub></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>CaRuO</mml:mtext><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2015, 91, .	3.7	74
78	Theory of Laser-Controlled Competing Superconducting and Charge Orders. Physical Review Letters, 2017, 118, 087002.	2.9	74
79	Ultrasound evidence for a two-component superconducting order parameter in Sr2RuO4. Nature Physics, 2021, 17, 194-198.	6.5	74
80	Nature of Symmetry Breaking at the Excitonic Insulator Transition: <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ta</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:mrow><mml:mi>NiSe</mml:mi></mml:mrow><mml:mrow><mml:msub><mml:mrow></mml:mrow><mml:mrow><mml:mn>5</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:mrow></mml:math>. Physical Review Letters, 2020, 124, 197601.	2.9	73
81	Mott transition at large orbital degeneracy:â€ƒDynamical mean-field theory. Physical Review B, 2002, 66, .	1.1	71
82	Falicov-Kimball model and the breaking of Fermi-liquid theory in infinite dimensions. Physical Review B, 1992, 46, 1261-1264.	1.1	70
83	Emery-Kivelson solution of the two-channel Kondo problem. Physical Review B, 1994, 49, 10020-10022.	1.1	70
84	Nodal-Antinodal Dichotomy and the Two Gaps of a Superconducting Doped Mott Insulator. Physical Review Letters, 2008, 100, 046402.	2.9	70
85	Topological order in the pseudogap metal. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E3665-E3672.	3.3	68
86	Hallmarks of Hunds coupling in the Mott insulator Ca2RuO4. Nature Communications, 2017, 8, 15176.	5.8	66
87	Strongly Correlated Electron Materials: Dynamical Mean-Field Theory and Electronic Structure. AIP Conference Proceedings, 2004, , .	0.3	65
88	Pseudogap and Fermi-Surface Topology in the Two-Dimensional Hubbard Model. Physical Review X, 2018, 8, .	2.8	65
89	Raman-Scattering Measurements and Theory of the Energy-Momentum Spectrum for UnderdopedBi2Sr2CaCuO8+Î´Superconductors: Evidence of ans-Wave Structure for the Pseudogap. Physical Review Letters, 2013, 111, 107001.	2.9	64
90	Pair wave functions for strongly correlated fermions and their determinantal representation. Journal De Physique, 1988, 49, 553-559.	1.8	63

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91	Origin of the High NÃ©el Temperature in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>SrTcO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2012, 108, 197202.	2.9	63
92	Electromagnetic coupling in tight-binding models for strongly correlated light and matter. Physical Review B, 2020, 101, .	1.1	63
93	Strongly Correlated Systems in Infinite Dimensions and Their Zero Dimensional Counterparts. International Journal of Modern Physics B, 1992, 06, 705-730.	1.0	62
94	Emergence of Glasslike Dynamics for Dissipative and Strongly Interacting Bosons. Physical Review Letters, 2013, 111, 195301.	2.9	62
95	InÂsitu strain tuning of the metal-insulator-transition of Ca2RuO4 in angle-resolved photoemission experiments. Nature Communications, 2018, 9, 4535.	5.8	62
96	Optical Response of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Sr</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>: Universal Fermi-Liquid Scaling and Quasiparticles Beyond Landau Theory. Physical Review Letters, 2014, 113, 087404.	2.9	61
97	Thermopower and Entropy: Lessons from<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Sr</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review Letters, 2016, 117, 036401.	2.9	61
98	Effect of a magnetic field on Mott-Hubbard systems. Physical Review B, 1994, 50, 3092-3102.	1.1	59
99	Photomolecular High-Temperature Superconductivity. Physical Review X, 2020, 10, .	2.8	59
100	Superconductivity in the two-band Hubbard model in infinite dimensions. European Physical Journal B, 1993, 92, 313-321.	0.6	57
101	Mott Transition and Kondo Screening inf-Electron Metals. Physical Review Letters, 2005, 95, 066402.	2.9	57
102	The Relaxation-Time Spectrum of Diffusion in a One-Dimensional Random Medium: an Exactly Solvable Case. Europhysics Letters, 1987, 3, 653-660.	0.7	56
103	Quantum Critical Properties of the Bose-Fermi Kondo Model in a Large-NLimit. Physical Review Letters, 2004, 93, 267201.	2.9	55
104	Valence bond dynamical mean-field theory of doped Mott insulators with nodal/antinodal differentiation. Europhysics Letters, 2009, 85, 57009.	0.7	55
105	Interchain conductivity of coupled Luttinger liquids and organic conductors. Physical Review B, 2000, 61, 16393-16396.	1.1	53
106	Non-Fermi-liquid behavior from two-dimensional antiferromagnetic fluctuations: A renormalization-group and large-Nanalysis. Physical Review B, 2004, 69, .	1.1	52
107	Local moment vs . Kondo behavior of the 4f-electrons in rare-earth iron oxypnictides. Europhysics Letters, 2008, 84, 37006.	0.7	52
108	d- and f-Orbital Correlations in the REFeAsO Compounds. Journal of the Physical Society of Japan, 2008, 77, 99-102.	0.7	52

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109	Effect of crystal-field splitting and interband hybridization on the metal-insulator transitions of strongly correlated systems. Physical Review B, 2008, 78, .	1.1	52
110	Breakup of the Fermi Surface Near the Mott Transition in Low-Dimensional Systems. Physical Review Letters, 2006, 97, 136401.	2.9	50
111	Non-Drude universal scaling laws for the optical response of local Fermi liquids. Physical Review B, 2013, 87, .	1.1	50
112	Mott Insulating States with Competing Orders in the Triangular Lattice Hubbard Model. Physical Review X, 2021, 11, .	2.8	50
113	From equilibrium spin models to probabilistic cellular automata. Journal of Statistical Physics, 1989, 54, 1011-1064.	0.5	49
114	Square kagome quantum antiferromagnet and the eight-vertex model. Physical Review B, 2001, 65, .	1.1	49
115	Trapping and Cooling Fermionic Atoms into Mott and NÃ©el States. Physical Review Letters, 2008, 101, 210403.	2.9	47
116	Magnetic collapse and the behavior of transition metal oxides at high pressure. Physical Review B, 2016, 94, .	1.1	47
117	Diffusion anormale dans les milieux dÃ©sordonnÃ©s : piÃ©geage, corrÃ©lations et thÃ©orÃ¨mes de la limite centrale. Journal De Physique, 1987, 48, 1855-1860.	1.8	46
118	Low-temperature phase of the Ising spin glass on a hypercubic lattice. Physical Review Letters, 1990, 64, 2937-2940.	2.9	45
119	Nonequilibrium superconductivity in driven alkali-doped fullerides. Physical Review B, 2017, 96, .	1.1	45
120	Cooling quasiparticles in A3C60 fullerides by excitonic mid-infrared absorption. Nature Physics, 2018, 14, 154-159.	6.5	45
121	Breakpoint in the evolution of the gap through the cuprate phase diagram. Physical Review B, 2008, 77, .	1.1	43
122	Signature of antiferromagnetic long-range order in the optical spectrum of strongly correlated electron systems. Physical Review B, 2012, 85, .	1.1	43
123	Rare-earth vs. heavy metal pigments and their colors from first principles. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 904-907.	3.3	43
124	Erratum - Anomalous diffusion in random media of any dimensionality. Journal De Physique, 1988, 49, 369-369.	1.8	42
125	Importance of Interorbital Charge Transfers for the Metal-to-Insulator Transition ofBaVS3. Physical Review Letters, 2005, 94, 166402.	2.9	42
126	Photoemission and DMFT study of electronic correlations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">SrMoO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>: Effects of Hund's rule coupling and possible plasmonic sideband. Physical Review B, 2014, 90, .	1.1	42

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127	Length scales of interfacial coupling between metal and insulator phases in oxides. Nature Materials, 2020, 19, 1182-1187.	13.3	42
128	Designing and controlling the properties of transition metal oxide quantum materials. Nature Materials, 2021, 20, 1462-1468.	13.3	42
129	Orbital polarization in strained<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">LaNiO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>: Structural distortions and correlation effects. Physical Review B, 2014, 90, .	1.1	41
130	Theoretical Prediction and Spectroscopic Fingerprints of an Orbital Transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>CeCu</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></ Physical Review Letters, 2014, 112, 106407.	2.9	41
131	Heavy-fermion quantum criticality and destruction of the Kondo effect in a nickelÂoxypnictide. Nature Materials, 2014, 13, 777-781.	13.3	41
132	Strongly Correlated Materials from a Numerical Renormalization Group Perspective: How the Fermi-Liquid State of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Sr</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml Emerges. Physical Review Letters, 2020, 124, 016401.	2.9	41
133	Exact properties of spin glasses. II. Nishimori's line : new results and physical implications. Journal De Physique, 1985, 46, 1827-1836.	1.8	40
134	Reflections on the one-dimensional realization of odd-frequency pairing. Journal of Physics Condensed Matter, 1997, 9, 345-356.	0.7	40
135	Transport and optical conductivity in the Hubbard model: A high-temperature expansion perspective. Physical Review B, 2016, 94, .	1.1	40
136	Coherent Quasiparticles with a Small Fermi Surface in Lightly Doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Sr</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>7</mml:mn></mml:mrow></mml:msub></mml:mrow></mml: Physical Review Letters, 2014, 113, 256402.	2.9	39
137	Enhancing superconductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>A</mml:mi><mml:mn>3</mml:mn></mml:mrow></mml mathvariant="normal">C</mml:mi><mml:mn>60</mml:mn></mml:msub></mml:mrow></mml:math>fullerides. Physical Review B, 2016, 94, .	1.1	39
138	Linear resistivity and Sachdev-Ye-Kitaev (SYK) spin liquid behavior in a quantum critical metal with spin-1/2 fermions. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18341-18346.	3.3	39
139	Onsager reaction terms for quantum many-body systems: Application to antiferromagnetic and superconducting order in the Hubbard model. Physical Review B, 1991, 43, 3475-3482.	1.1	38
140	Optical spectroscopy and the nature of the insulating state of rare-earth nickelates. Physical Review B, 2015, 92, .	1.1	38
141	Electronâ€“electron scattering and thermal conductivity ofÏµ-iron at Earthâ€™s core conditions. New Journal of Physics, 2017, 19, 073022.	1.2	38
142	Mechanism and control parameters of the coupled structural and metal-insulator transition in nickelates. Physical Review B, 2019, 99, .	1.1	38
143	Deep Learning the Hohenberg-Kohn Maps of Density Functional Theory. Physical Review Letters, 2020, 125, 076402.	2.9	38
144	How to measure the entropy of a mesoscopic system via thermoelectric transport. Nature Communications, 2019, 10, 5801.	5.8	37

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145	Sound Velocity Anomaly at the Mott Transition: Application to Organic Conductors andV2O3. Physical Review Letters, 2005, 94, 036402.	2.9	36
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