Qimiao Si

List of Publications by Year
in descending order

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211	13,108	22153	24258
papers	citations	59 h-index	110 g-index

217	217	217	5964
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Correlation-driven electronic reconstruction in FeTe1â^'xSex. Communications Physics, 2022, 5, .	5.3	17
2	Time-reversal symmetry-breaking charge order in a kagome superconductor. Nature, 2022, 602, 245-250.	27.8	207
3	Spin-excitation anisotropy in the nematic state of detwinned FeSe. Nature Physics, 2022, 18, 806-812.	16.7	15
4	Quantum phases driven by strong correlations. Nature Reviews Physics, 2021, 3, 9-26.	26.6	92
5	Multiorbital singlet pairing and dâ€‰+â€‰d superconductivity. Npj Quantum Materials, 2021, 6, .	5.2	17
6	The many faces (phases) of strong correlations. Europhysics News, 2021, 52, 30-34.	0.3	0
7	Giant spontaneous Hall effect in a nonmagnetic Weylâ€“Kondo semimetal. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	53
8	Inhomogeneous Kondo-lattice in geometrically frustrated Pr2Ir2O7. Nature Communications, 2021, 12, 1377.	12.8	4
9	Orbital Selectivity in Electron Correlations and Superconducting Pairing of Iron-Based Superconductors. Frontiers in Physics, 2021, 9, .	2.1	16
10	Pristine quantum criticality in a Kondo semimetal. Science Advances, 2021, 7, .	10.3	11
11	Resonance from antiferromagnetic spin fluctuations for superconductivity in UTe2. Nature, 2021, 600, 636-640.	27.8	34
12	Incommensurate Spin Fluctuations in the Spin-Triplet Superconductor Candidate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>UTe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></m Physical Review Letters, 2020, 125, 237003.	7.8	60
13	Theoretical investigation of superconductivity in trilayer square-planar nickelates. Physical Review B, 2020, 102, .	3.2	32
14	Fractionalized Excitations Revealed by Entanglement Entropy. Physical Review Letters, 2020, 124, 237201.	7.8	3
15	Colloquium : Heavy-electron quantum criticality and single-particle spectroscopy. Reviews of Modern Physics, 2020, 92, .	45.6	70
16	Weyl-Kondo semimetals in nonsymmorphic systems. Physical Review B, 2020, 101, .	3.2	23
17	Weylâ€“Kondo Semimetal: Towards Control of Weyl Nodes. , 2020, , .		2
18	Critical local moment fluctuations and enhanced pairing correlations in a cluster Anderson model. Physical Review B, 2020, 101, .	3.2	2

#	Article	IF	Citations
19	Density matrix renormalization group study of nematicity in two dimensions: Application to a spin-1 bilinear-biquadratic model on the square lattice. Physical Review B, 2020, 101, .	3.2	8
20	Dynamical Scaling of Charge and Spin Responses at a Kondo Destruction Quantum Critical Point. Physical Review Letters, 2020, 124, 027205.	7.8	8
21	Singular charge fluctuations at a magnetic quantum critical point. Science, 2020, 367, 285-288.	12.6	55
22	Anisotropic magnetic excitations of a frustrated bilinear-biquadratic spin model: Implications for spin waves of detwinned iron pnictides. Physical Review B, 2020, 101, .	3.2	5
23	Hall-coefficient diagnostics of the surface state in pressurized <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Sm</mml:mi><mml:msub><mml:mi mathvariant="normal">B</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2020, 101, .	3.2	3
24	Quantum transitions of nematic phases in a spin-1 bilinear-biquadratic model and their implications for FeSe. Physical Review Research, 2020, 2, .	3.6	9
25	Plaquette instability competing with bicollinear ground state in detwinned FeTe. Physical Review B, 2019, 100, .	3.2	7
26	Global phase diagram of a spinâ€“orbit-coupled Kondo lattice model on the honeycomb lattice*. Chinese Physics B, 2019, 28, 077102.	1.4	1
27	Nematic spin liquid phase in a frustrated spin-1 system on the square lattice. Physical Review B, 2019, 100, .	3.2	9
28	Broken mirror symmetry, incommensurate spin correlations, and B2g nematic order in iron pnictides. Physical Review B, 2019, 100, .	3.2	15
29	Heavy fermion quantum criticality at dilute carrier limit in CeNi2â^Î´(As1â^'xPx)2. Scientific Reports, 2019, 9, 12307.	3.3	5
30	Orbital-Selective Kondo Entanglement and Antiferromagnetic Order in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>USb</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></m Physical Review Letters, 2019, 123, 106402.	7.8	21
31	Direct visualization of coexisting channels of interaction in CeSb. Science Advances, 2019, 5, eaat7158.	10.3	29
32	Low-carrier density and fragile magnetism in a Kondo lattice system. Physical Review B, 2019, 99, .	3.2	9
33	Sequential localization of a complex electron fluid. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17701-17706.	7.1	23
34	Bose-Fermi Anderson model with SU(2) symmetry: Continuous-time quantum Monte Carlo study. Physical Review B, 2019, 100, .	3.2	4
35	Nematic Energy Scale and the Missing Electron Pocket in FeSe. Physical Review X, 2019, 9, .	8.9	66
36	Quantum-critical phase from frustrated magnetism in a strongly correlated metal. Nature Physics, 2019, 15, 1261-1266.	16.7	66

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37	Effective exchange interactions for bad metals and implications for iron-based superconductors. Physical Review B, 2019, 100, .	3.2	6
38	Unconventional and conventional quantum criticalities in CeRh0.58Ir0.42In5. Npj Quantum Materials, 2018, 3, .	5.2	7
39	Spin-isotropic continuum of spin excitations in antiferromagnetically ordered Fe1.07Te. Physical Review B, 2018, 97, .	3.2	6
40	Weylâ€“Kondo semimetal in heavy-fermion systems. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 93-97.	7.1	100
41	Orbital-selective superconductivity in the nematic phase of FeSe. Physical Review B, 2018, 98, .	3.2	31
42	Orbital Selectivity Enhanced by Nematic Order in FeSe. Physical Review Letters, 2018, 121, 227003.	7.8	35
43	Evolution of the Kondo lattice and non-Fermi liquid excitations in a heavy-fermion metal. Nature Communications, 2018, 9, 3324.	12.8	32
44	Spectral Evidence for Emergent Order in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ba</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn><mm Physical Review Letters, 2018, 121, 127001.	7.8	11
45	Evolution of Magnetic Double Helix and Quantum Criticality near a Dome of Superconductivity in CrAs. Physical Review X, 2018, 8, .	8.9	20
46	Crossovers and critical scaling in the one-dimensional transverse-field Ising model. Physical Review B, 2018, 97, .	3.2	22
47	Zero-Field Ambient-Pressure Quantum Criticality in the Stoichiometric Non-Fermi Liquid System CeRhBi. Journal of the Physical Society of Japan, 2018, 87, 064708.	1.6	7
48	Global phase diagram and momentum distribution of single-particle excitations in Kondo insulators. Physical Review B, 2018, 98, .	3.2	5
49	Fully gapped d -wave superconductivity in CeCu ₂ Si ₂. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5343-5347.	7.1	62
50	Interplay between unconventional superconductivity and heavy-fermion quantum criticality: CeCu₂Si₂versus YbRh₂Si₂. Philosophical Magazine, 2018, 98, 2930-2963.	1.6	16
51	Quantum critical dynamics for a prototype class of insulating antiferromagnets. Physical Review B, 2018, 97, .	3.2	0
52	Kondo destruction in a quantum paramagnet with magnetic frustration. Physical Review B, 2018, 97, .	3.2	14
53	Multidimensional entropy landscape of quantumÂcriticality. Nature Physics, 2017, 13, 742-745.	16.7	12
54	Local Orthorhombicity in the Magnetic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>C</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math> Phase of the Hole-Doped Iron-Arsenide Superconductor <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>1</mml:mn><mml	7.8	28

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55	Skyrmion defects and competing singlet orders in a half-filled antiferromagnetic Kondo-Heisenberg model on the honeycomb lattice. Physical Review B, 2017, 96, .	3.2	7
56	Orbital-selective Mott phase in multiorbital models for iron pnictides and chalcogenides. Physical Review B, 2017, 96, .	3.2	29
57	Orbital-selective pairing and superconductivity in iron selenides. Npj Quantum Materials, 2017, 2, .	5.2	60
58	Quantum phase transition and destruction of Kondo effect in pressurized SmB6. Science Bulletin, 2017, 62, 1439-1444.	9.0	22
59	Antiferroquadrupolar Order and Rotational Symmetry Breaking in a Generalized Bilinear-Biquadratic Model on a Square Lattice. Physical Review Letters, 2017, 118, 176401.	7.8	16
60	Spin excitations and the Fermi surface of superconducting FeS. Npj Quantum Materials, 2017, 2, .	5.2	14
61	Kondo Insulator to Semimetal Transformation Tuned by Spin-Orbit Coupling. Physical Review Letters, 2017, 118, 246601.	7.8	66
62	Dynamic zero modes of Dirac fermions and competing singlet phases of antiferromagnetic order. Physical Review B, 2017, 95, .	3.2	3
63	A Mott insulator continuously connected to iron pnictide superconductors. Nature Communications, 2016, 7, 13879.	12.8	36
64	Magnetic and Ising quantum phase transitions in a model for isoelectronically tuned iron pnictides. Physical Review B, 2016, 93, .	3.2	8
65	Strain-Driven Approach to Quantum Criticality in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>A</mml:mi><mml:mrow><mml:msub><mml:mrow><mml:mi>Fe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow><mml:msub><mml:mrow><mml:mi>A</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review Letters, 2016, 116, 237003.	7.8	94
66	High-temperature superconductivity in iron pnictides and chalcogenides. Nature Reviews Materials, 2016, 1, .	48.7	352
67	Kondo destruction in heavy fermion quantum criticality and the photoemission spectrum of YbRh2Si2. Journal of Magnetism and Magnetic Materials, 2016, 400, 17-22.	2.3	17
68	Emergence of superconductivity in the canonical heavy-electron metal YbRh ₂ Si ₂. Science, 2016, 351, 485-488.	12.6	77
69	Cluster extended dynamical mean-field approach and unconventional superconductivity. Physical Review B, 2015, 91, .	3.2	5
70	Electronic nematic correlations in the stress-free tetragonal state of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaFe</mml:mi><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow><mml:msub><mml:mrow><mml:mi>As</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math>. Physical Review B, 2015, 92, .	3.2	80
71	Glide reflection symmetry, Brillouin zone folding, and superconducting pairing for theP4/nmmspace group. Physical Review B, 2015, 92, .	3.2	12
72	Energy dependence of the spin excitation anisotropy in uniaxial-strainedBaFe1.9Ni0.1As2. Physical Review B, 2015, 92, .	3.2	18

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73	Experimental observation of incoherent-coherent crossover and orbital-dependent band renormalization in iron chalcogenide superconductors. Physical Review B, 2015, 92, .	3.2	46
74	Antiferroquadrupolar and Ising-Nematic Orders of a Frustrated Bilinear-Biquadratic Heisenberg Model and Implications for the Magnetism of FeSe. Physical Review Letters, 2015, 115, 116401.	7.8	128
75	Pairing correlations near a Kondo-destruction quantum critical point. Physical Review B, 2015, 91, .	3.2	12
76	Observation of universal strong orbital-dependent correlation effects in iron chalcogenides. Nature Communications, 2015, 6, 7777.	12.8	148
77	Fermi surface reconstruction and multiple quantum phase transitions in the antiferromagnet CeRhIn ₅. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 673-678.	7.1	67
78	Neutron spin resonance as a probe of superconducting gap anisotropy in partially detwinned electron underdopedNaFe0.985Co0.015As. Physical Review B, 2015, 91, .	3.2	6
79	Finite-Temperature Spin Dynamics in a Perturbed Quantum Critical Ising Chain with an<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>E</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:math>Symmetry. Physical Review Letters, 2014, 113, 247201.	7.8	22
80	Kondo Destruction and Quantum Criticality in Kondo Lattice Systems. Journal of the Physical Society of Japan, 2014, 83, 061005.	1.6	67
81	Anisotropic neutron spin resonance in underdoped superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">NaFe</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow><mml:mi mathvariant="normal">Co</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi mathvariant="normal">As</mml:mi></mml:math>. Physical Review B, 2014, 90, .	3.2	26
82	Quantum Phases of the Shastry-Sutherland Kondo Lattice: Implications for the Global Phase Diagram of Heavy-Fermion Metals. Physical Review Letters, 2014, 113, 176402.	7.8	31
83	Topological defects of NÃ©el order and Kondo singlet formation for the Kondo-Heisenberg model on a honeycomb lattice. Physical Review B, 2014, 89, .	3.2	8
84	Role of the 245 phase in alkaline iron selenide superconductors revealed by high-pressure studies. Physical Review B, 2014, 89, .	3.2	31
85	Evidence of a Kondo Destroying Quantum Critical Point in YbRh₂Si₂. Journal of the Physical Society of Japan, 2014, 83, 061001.	1.6	22
86	Heavy-fermion quantum criticality and destruction of the Kondo effect in a nickelÂoxypnictide. Nature Materials, 2014, 13, 777-781.	27.5	41
87	Nematic spin correlations in the tetragonal state of uniaxial-strained BaFe _{2â^'} _x Ni _x As ₂. Science, 2014, 345, 657-660.	12.6	167
88	Orbital-selective superconductivity, gap anisotropy, and spin resonance excitations in a multiorbital<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>t</mml:mi></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>J</mml:mi><mml:mn>1</mml:mn></mml:msub></mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>J</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:m for iron pnictides. Physical Review B, 2014, 89, .	3.2	57
89	Superconductivity at the border of electron localization and itinerancy. Nature Communications, 2013, 4, 2783.	12.8	40
90	Observation of Temperature-Induced Crossover to an Orbital-Selective Mott Phase in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi mathvariant="normal">A</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>2</mml:r		

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91	Orbital-dependent effects of electron correlations in microscopic models for iron-based superconductors. Current Opinion in Solid State and Materials Science, 2013, 17, 65-71.	11.5	20
92	Orbital-Selective Mott Phase in Multiorbital Models for Alkaline Iron Selenides<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi mathvariant="bold">K</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mm Physical Review Letters, 2013, 110, 146402.	7.8	128
93	Hidden is more. Nature, 2013, 493, 619-620.	27.8	0
94	Quantum phase transitions in heavy fermion metals and Kondo insulators. Physica Status Solidi (B): Basic Research, 2013, 250, 425-438.	1.5	68
95	Avoided Quantum Criticality and Magnetoelastic Coupling in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BaFe</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi> Physical Review Letters, 2013, 110, 257001.	7.8	68
96	Quantum critical Kondo destruction in the Bose-Fermi Kondo model with a local transverse field. Physical Review B, 2013, 88, .	3.2	4
97	Competing Topological and Kondo Insulator Phases on a Honeycomb Lattice. Physical Review Letters, 2013, 111, 016402.	7.8	29
98	Measurement of a Double Neutron-Spin Resonance and an Anisotropic Energy Gap for Underdoped Superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>NaFe</mml:mi><mml:mn>0.985</mml:mn></mml:msub><mml:msub><mml:mi>Co</mml:mi><mml:mi>< Inelastic Neutron Scattering. Physical Review Letters, 2013, 111, 207002.	7.8	40
99	Magnetic field tuning of the quantum critical point in the paramagnetic Kondo metal system YbAl<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>C<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>: Neutron diffraction study. Physical Review B, 2013, 87, .	3.2	15
100	Comment on â€œZeeman-Driven Lifshitz Transition: A Model for the Experimentally Observed Fermi-Surface Reconstruction inYbRh2Si2â€• Physical Review Letters, 2013, 111, 139701.	7.8	4
101	Quantum criticality in the pseudogap Bose-Fermi Anderson and Kondo models: Interplay between fermion- and boson-induced Kondo destruction. Physical Review B, 2013, 88, .	3.2	16
102	Local quantum criticality out of equilibrium: Effective temperatures and scaling in the steady-state regime. Europhysics Letters, 2013, 102, 50001.	2.0	13
103	Routes to heavy-fermion superconductivity. Journal of Physics: Conference Series, 2013, 449, 012028.	0.4	20
104	Electron Correlation and Spin Dynamics in Iron Pnictides and Chalcogenides. Journal of Physics: Conference Series, 2013, 449, 012025.	0.4	9
105	Superconductivity in Ce- and U-Based â€œ122â€•Heavy-Fermion Compounds. Journal of the Physical Society of Japan, 2012, 81, 011001.	1.6	51
106	Quantum criticality of the sub-Ohmic spin-boson model. Physical Review B, 2012, 85, .	3.2	14
107	Spin dynamics of a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>J</mml:mi><mml:mn>1</mml:mn></mml:msub></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>J</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	3.2	43
108	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>U</mml:mi><mml:mo>(</mml:mo><mml:mn>1</mml:mn><mml:mo>)</mml:mo></mml:mrow> theory and its application to Mott transition in a multiorbital model for iron pnictides. Physical Review B, 2012, 86, .	3.2	83

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109	Strongly Correlated Materials. Advanced Materials, 2012, 24, 4896-4923.	21.0	129
110	Magnetism, f-electron localization and superconductivity in 122-type heavy-fermion metals. Journal of Physics Condensed Matter, 2012, 24, 294201.	1.8	15
111	Destruction of the Kondo effect in the cubic heavy-fermion compound Ce3Pd20Si6. Nature Materials, 2012, 11, 189-194.	27.5	123
112	Kondo Destruction and Valence Fluctuations in an Anderson Model. Physical Review Letters, 2012, 109, 086403.	7.8	33
113	Hall effect in heavy fermion metals. Advances in Physics, 2012, 61, 583-664.	14.4	28
114	Thermal and electrical transport across a magnetic quantum critical point. Nature, 2012, 484, 493-497.	27.8	78
115	Mott transition in multiorbital models for iron pnictides. Physical Review B, 2011, 84, .	3.2	64
116	Quantum criticality in the iron pnictides and chalcogenides. Journal of Physics Condensed Matter, 2011, 23, 223201.	1.8	82
117	Break Up of Heavy Fermions at an Antiferromagnetic Instability. Journal of the Physical Society of Japan, 2011, 80, SA002.	1.6	8
118	Continuous-Time Monte Carlo study of the pseudogap Bose-Fermi Kondo model. Journal of Physics: Conference Series, 2011, 273, 012050.	0.4	8
119	Entropy accumulation near quantum critical points: effects beyond hyperscaling. Journal of Physics: Conference Series, 2011, 273, 012019.	0.4	15
120	Magnetically driven superconductivity in CeCu2Si2. Nature Physics, 2011, 7, 119-124.	16.7	207
121	Discontinuous Hall coefficient at the quantum critical point in YbRh2Si2. Journal of Physics Condensed Matter, 2011, 23, 094216.	1.8	6
122	Local Electronic Structure of a Single Nonmagnetic Impurity as a Test of the Pairing Symmetry of Electrons in(K,Tl)FexSe2Superconductors. Physical Review Letters, 2011, 107, 167002.	7.8	22
123	Critical Kondo Destruction in a Pseudogap Anderson Model: Scaling and Relaxational Dynamics. Physical Review Letters, 2011, 107, 076404.	7.8	22
124	Effects of the Berry Phase and Instantons in One-Dimensional Kondo-Heisenberg Model. Physical Review Letters, 2011, 107, 126404.	7.8	8
125	Mott Transition in Modulated Lattices and Parent Insulator of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mo stretchy="false">(</mml:mo><mml:mi) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 102 Td (mathvariant="normal">K</mml:mi><m Physical Review Letters, 2011, 106, 186401.	7.8	80
126	Spin dynamics of aJ1â^'J2antiferromagnet and its implications for iron pnictides. Physical Review B, 2011, 84, .	3.2	24

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127	Superconductivity in multi-orbital t-J ₁ -J ₂ model and its implications for iron pnictides. Europhysics Letters, 2010, 91, 37006.	2.0	34
128	Global Phase Diagram of the Kondo Lattice: FromÂHeavy Fermion Metals to Kondo Insulators. Journal of Low Temperature Physics, 2010, 161, 233-262.	1.4	21
129	On the concept of effective temperature in current carrying quantum critical states. Physica Status Solidi (B): Basic Research, 2010, 247, 631-634.	1.5	8
130	Quantum criticality and global phase diagram of magnetic heavy fermions. Physica Status Solidi (B): Basic Research, 2010, 247, 476-484.	1.5	103
131	Fermi-surface collapse and dynamical scaling near a quantum-critical point. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14547-14551.	7.1	133
132	Metallic ferromagnetism in the Kondo lattice. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15704-15707.	7.1	41
133	Band Narrowing and Mott Localization in Iron Oxychalcogenides<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">O</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Fe</mml:mi><mml:mn>2</mml:mn></m mathvariant="bold">O</mml:mi><mml:mo		

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145	Fermi surface and magnetism in the Kondo lattice: A continuum field theory approach. Physica B: Condensed Matter, 2008, 403, 1414-1416.	2.7	5
146	Magnetic single-electron transistor as a tunable model system for Kondo-destroying quantum criticality. Physica B: Condensed Matter, 2008, 403, 1189-1193.	2.7	4
147	Boseâ€“Fermi Kondo model with Ising anisotropy: Cluster-Monte Carlo approach. Physica B: Condensed Matter, 2008, 403, 1199-1201.	2.7	5
148	Quantum criticality in heavy-fermion metals. Nature Physics, 2008, 4, 186-197.	16.7	1,065
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