JÃ¶rg Schmalian

List of Publications by Year
in descending order

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205	12,103	23567	28297
papers	citations	58 h-index	105 g-index

210	210	210	7316
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Breakdown of the Wiedemann-Franz law at the Lifshitz point of strained <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">RuO</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review B, 2022, 105, .	3.2	4
2	Quantum critical Eliashberg theory, the Sachdev-Ye-Kitaev superconductor and their holographic duals. Npj Quantum Materials, 2022, 7, .	5.2	15
3	Elastocaloric determination of the phase diagram of Sr2RuO4. Nature, 2022, 607, 276-280.	27.8	18
4	High-sensitivity heat-capacity measurements on Sr ₂ RuO ₄ under uniaxial pressure. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	33
5	Improved Electrical, Thermal, and Thermoelectric Properties Through Sampleâ€toâ€Sample Fluctuations in Nearâ€Percolation Threshold Composite Materials. Advanced Theory and Simulations, 2021, 4, 2000284.	2.8	4
6	Quantum discontinuity fixed point and renormalization group flow of the Sachdev-Ye-Kitaev model. Physical Review Research, 2021, 3, .	3.6	3
7	Inhomogeneous time-reversal symmetry breaking in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2021, 104, .	3.2	36
8	Fracton-elasticity duality in twisted moirÃ© superlattices. Physical Review B, 2021, 104, .	3.2	9
9	Fusedâ€Silica 3D Chiral Metamaterials via Heliumâ€Assisted Microcasting Supporting Topologically Protected Twist Edge Resonances with High Mechanical Quality Factors. Advanced Materials, 2021, 33, 2103205.	21.0	7
10	Edwards-Anderson parameter and local Ising nematicity in FeSe revealed via NMR spectral broadening. Physical Review B, 2021, 104, .	3.2	7
11	Band engineering of Dirac cones in iron chalcogenides. Physical Review B, 2020, 102, .	3.2	3
12	Pairing glue in cuprate superconductors from the self-energy revealed via machine learning. Physical Review B, 2020, 101, .	3.2	9
13	Transport properties of strongly coupled electronâ€“phonon liquids. Annals of Physics, 2020, 419, 168218.	2.8	44
14	Eliashberg equations for an electronâ€“phonon version of the Sachdevâ€“Yeâ€“Kitaev model: Pair breaking in non-Fermi liquid superconductors. Annals of Physics, 2020, 417, 168120.	2.8	30
15	Z3-vestigial nematic order due to superconducting fluctuations in the doped topological insulators NbxBi2Se3 and CuxBi2Se3. Nature Communications, 2020, 11, 3056.	12.8	35
16	Quantum critical scaling and holographic bound for transport coefficients near Lifshitz points. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
17	Nonlocal hydrodynamic transport and collective excitations in Dirac fluids. Physical Review B, 2020, 102, .	3.2	17
18	Strain tuning and anisotropic spin correlations in iron-based systems. Physical Review B, 2019, 100, .	3.2	3

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19	Unconventional pairing in single FeSe layers. Physical Review B, 2019, 100, .	3.2	16
20	LÃ©vy Flights and Hydrodynamic Superdiffusion on the Dirac Cone of Graphene. Physical Review Letters, 2019, 123, 195302.	7.8	17
21	Cooper pairing of incoherent electrons: An electron-phonon version of the Sachdev-Ye-Kitaev model. Physical Review B, 2019, 100, .	3.2	65
22	Enhanced nematic fluctuations near an antiferromagnetic Mott insulator and possible application to high-Tc cuprates. Npj Quantum Materials, 2019, 4, .	5.2	13
23	Topologically Protected Twist Edge States for a Resonant Mechanical Laser-Beam Scanner. Physical Review Applied, 2019, 11, .	3.8	19
24	Intertwined Vestigial Order in Quantum Materials: Nematicity and Beyond. Annual Review of Condensed Matter Physics, 2019, 10, 133-154.	14.5	126
25	Boundary conditions of viscous electron flow. Physical Review B, 2019, 99, .	3.2	89
26	Orbital loop currents in iron-based superconductors. Physical Review B, 2018, 97, .	3.2	7
27	Short-distance breakdown of the Higgs mechanism and the robustness of the BCS theory for charged superconductors. Physical Review B, 2018, 97, .	3.2	10
28	Friedel oscillations and Majorana zero modes in inhomogeneous superconductors. Physical Review B, 2018, 98, .	3.2	12
29	Elastic response of the electron fluid in intrinsic graphene: The collisionless regime. Physical Review B, 2018, 98, .	3.2	24
30	Vestigial nematic order and superconductivity in the doped topological insulator Cu x Bi2Se3. Npj Quantum Materials, 2018, 3, .	5.2	51
31	Hierarchy of information scrambling, thermalization, and hydrodynamic flow in graphene. Physical Review B, 2018, 98, .	3.2	27
32	Role of fluctuations for density-wave instabilities: Failure of the mean-field description. Physical Review B, 2018, 97, .	3.2	5
33	Out-of-Bounds Hydrodynamics in Anisotropic Dirac Fluids. Physical Review Letters, 2018, 120, 196801.	7.8	44
34	Locking of length scales in two-band superconductors. Physical Review B, 2017, 95, .	3.2	14
35	Strongly correlated electron systemsâ€"reports on the progress of the field. Reports on Progress in Physics, 2017, 80, 030401.	20.1	6
36	Selection rules for Cooper pairing in two-dimensional interfaces and sheets. Npj Quantum Materials, 2017, 2, .	5.2	31

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37	Strong coupling theory of heavy fermion criticality II. Reports on Progress in Physics, 2017, 80, 044501.	20.1	12
38	Dichotomy between in-plane magnetic susceptibility and resistivity anisotropies in extremely strained BaFe2As2. Nature Communications, 2017, 8, 504.	12.8	27
39	Limits on dynamically generated spin-orbit coupling: Absence of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>l</mml:mi><mml:mo>=</mml:mo><mml:mn>1</mml:mn></mml:mrow></mml:math> instabilities in metals. Physical Review B, 2017, 95, .	3.2	17
40	Hydrodynamic Approach to Electronic Transport in Graphene. Annalen Der Physik, 2017, 529, 1700043.	2.4	94
41	Tracing the Electronic Pairing Glue in Unconventional Superconductors via Inelastic Scanning Tunneling Spectroscopy. Physical Review Letters, 2017, 118, 167001.	7.8	13
42	Nematic Order and Fluctuations in Iron-Based Superconductors. Springer Series in Solid-state Sciences, 2017, , 53-114.	0.3	0
43	Charge doping versus impurity scattering in chemically substituted iron pnictides. Physical Review B, 2016, 94, .	3.2	9
44	Concealed d -wave pairs in the s ^{Â±} condensate of iron-based superconductors. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5486-5491.	7.1	32
45	Origin of DC and AC conductivity anisotropy in iron-based superconductors: Scattering rate versus spectral weight effects. Physical Review B, 2016, 94, .	3.2	12
46	Interference of quantum critical excitations and soft diffusive modes in a disordered antiferromagnetic metal. Physical Review B, 2016, 93, .	3.2	5
47	Coupling to real and virtual phonons in tunneling spectroscopy of superconductors. Physical Review B, 2016, 93, .	3.2	12
48	Elastic coupling and spin-driven nematicity in iron-based superconductors. Physical Review B, 2016, 93, .	3.2	33
49	Universal collisionless transport of graphene. Physical Review B, 2016, 93, .	3.2	44
50	Nematic Resonance in the Raman Response of Iron-Based Superconductors. Physical Review Letters, 2016, 116, 017001.	7.8	35
51	Emergent Non-Fermi-Liquid at the Quantum Critical Point of a Topological Phase Transition in Two Dimensions. Physical Review Letters, 2016, 116, 076803.	7.8	61
52	Disorder-promoted<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>C</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math> magnetic order in iron-based superconductors. Physical Review B, 2016, 93, .	3.2	33
53	Critical spin fluctuations and the origin of nematic order in Ba(Fe1â^'xCox)2As2. Nature Physics, 2016, 12, 560-563.	16.7	67
54	Origin of nematic order in FeSe. Physical Review B, 2015, 91, .	3.2	106

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55	Pair breaking in multiorbital superconductors: An application to oxide interfaces. Physical Review B, 2015, 92, .	3.2	24
56	Manifestation of nematic degrees of freedom in the Raman response function of iron pnictides. Physical Review B, 2015, 92, .	3.2	28
57	Universal postquench coarsening and aging at a quantum critical point. Physical Review B, 2015, 92, .	3.2	24
58	Critical phenomena in hyperbolic space. Physical Review B, 2015, 92, .	3.2	5
59	Topological superconductivity and unconventional pairing in oxide interfaces. Nature Communications, 2015, 6, 6005.	12.8	96
60	Competing ground states in transition metal oxides: Behavior of itinerant Sr1âˆ'x Ca x RuO3 close to the classical and quantum critical ferromagnetic phase transition. European Physical Journal: Special Topics, 2015, 224, 1105-1126.	2.6	7
61	Anomalous quantum criticality in an itinerant ferromagnet. Nature Communications, 2015, 6, 8188.	12.8	19
62	Antiferromagnetism in Iron-Based Superconductors: Selection of Magnetic Order and Quasiparticle Interference. Journal of the Physical Society of Japan, 2014, 83, 061015.	1.6	11
63	Manipulation of a Two-Photon Pump in Superconductor-Semiconductor Heterostructures. Physical Review Letters, 2014, 112, 077003.	7.8	6
64	Universal Postquench Prethermalization at a Quantum Critical Point. Physical Review Letters, 2014, 113, 220401.	7.8	41
65	Ultrafast observation of critical nematic fluctuations and giant magnetoelastic coupling in iron pnictides. Nature Communications, 2014, 5, 3229.	12.8	64
66	What drives nematic order in iron-basedÂsuperconductors?. Nature Physics, 2014, 10, 97-104.	16.7	916
67	Critical scaling analysis of the itinerant ferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>Sr</mml:mi></mml:mrow><mml:mrow><mml:mi>Ca</mml:mi></mml:mrow><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mrow><mml:mi>RuO</mml:mi></mml:mrow>. Physical Review B, 2014, 89, .	3.2	38
68	Effect of weak disorder on the phase competition in iron pnictides. Physical Review B, 2014, 89, .	3.2	14
69	Strong-coupling theory of heavy-fermion criticality. Physical Review B, 2014, 90, .	3.2	50
70	Emergent criticality and Friedan scaling in a two-dimensional frustrated Heisenberg antiferromagnet. Physical Review B, 2014, 89, .	3.2	10
71	Evidence of Strong Correlations and Coherence-Incoherence Crossover in the Iron Pnictide Superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>KFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>As</mml:mi><mml:mi Physical Review Letters, 2013, 111, 027002.	7.8	140
72	Post-transient relaxation in graphene after an intense laser pulse. European Physical Journal: Special Topics, 2013, 222, 1263-1270.	2.6	1

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73	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi><mml:mtext mathvariant="normal">â^’</mml:mtext><mml:mi>Î±</mml:mi></mml:math>Isostructural Transition in Cerium. Physical Review Letters, 2013, 111, 196801.	7.8	73
74	Scaling between Magnetic and Lattice Fluctuations in Iron Pnictide Superconductors. Physical Review Letters, 2013, 111, 137001.	7.8	77
75	Sign-reversal of the in-plane resistivity anisotropy in hole-doped iron pnictides. Nature Communications, 2013, 4, 1914.	12.8	100
76	Transient charge and energy balance in graphene induced by ultrafast photoexcitation. Journal of Physics Condensed Matter, 2013, 25, 314201.	1.8	7
77	Strong coupling behavior of the neutron resonance mode in unconventional superconductors. Physical Review B, 2013, 88, .	3.2	6
78	Emergent Critical Phase and Ricci Flow in a 2D Frustrated Heisenberg Model. Physical Review Letters, 2012, 109, 237205.	7.8	13
79	Effect of tensile stress on the in-plane resistivity anisotropy in BaFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 85, .	3.2	51
80	Magnetic excitations in underdoped Ba(Fe<mml:math) Tj ETQ q 0 0 0 rg BT /Overlock 10 Tf 50 487 Td (xmlns:mml="http://www.w3.org/19 xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	3.2	29
81	Reply to â€œComment on â€˜Ginzburg-Landau theory of two-band superconductors: Absence of type-1.5 superconductivity'â€. Physical Review B, 2012, 86, .	3.2	14
82	Magnetoelastically coupled structural, magnetic, and superconducting order parameters in BaFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow		

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91	Scaling of nascent nodes in extended-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>s</mml:mi></mml:math>-wave superconductors. Physical Review B, 2011, 84, .	3.2	14
92	What Controls the Phase Diagram and Superconductivity in Ru-SubstitutedBaFe2As2?. Physical Review Letters, 2011, 107, 267002.	7.8	62
93	Complex Critical Exponents for Percolation Transitions in Josephson-Junction Arrays, Antiferromagnets, and Interacting Bosons. Physical Review Letters, 2011, 106, 067004.	7.8	9
94	Character of the structural and magnetic phase transitions in the parent and electron-doped BaFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:mro	3.2	132
95	Anisotropic In-Plane Resistivity in the Nematic Phase of the Iron Pnictides. Physical Review Letters, 2011, 107, 217002.	7.8	119
96	GRAPHENE: RELATIVISTIC TRANSPORT IN A NEARLY PERFECT QUANTUM LIQUID. , 2010, , .		0
97	Evidence for a Lifshitz transition in electron-doped iron arsenic superconductors at the onset of superconductivity. Nature Physics, 2010, 6, 419-423.	16.7	237
98	Unconventional pairing in the iron arsenide superconductors. Physical Review B, 2010, 81, .	3.2	191
99	Competing order and nature of the pairing state in the iron pnictides. Physical Review B, 2010, 82, .	3.2	198
100	Interface energy of two-band superconductors. Physical Review B, 2010, 82, .	3.2	26
101	Anomalies in the Fermi Surface and Band Dispersion of Quasi-One-Dimensional CuO Chains in the High-Temperature SuperconductorYBa2Cu4O8. Physical Review Letters, 2010, 105, 267003.	7.8	15
102	Transfer of optical spectral weight in magnetically ordered superconductors. Physical Review B, 2010, 82, .	3.2	38
103	Anomalous Suppression of the Orthorhombic Lattice Distortion in Superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ba</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â	7.8	382
104	FAILED THEORIES OF SUPERCONDUCTIVITY. Modern Physics Letters B, 2010, 24, 2679-2691.	1.9	12
105	Unexpected Fermi-surface nesting in the pnictide parent compounds<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>BaFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></	3.2	76
106	Effects of Nematic Fluctuations on the Elastic Properties of Iron Arsenide Superconductors. Physical Review Letters, 2010, 105, 157003.	7.8	318
107	Spectral analysis for the iron-based superconductors: Anisotropic spin fluctuations and fully gapped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mi>s</mml:mi><mml:mo>Â±</mml:mo></mml:msup></mml:mrow></mml:math>-w superconductivity. Physical Review B, 2010, 82, .	3.2	26
108	FAILED THEORIES OF SUPERCONDUCTIVITY. , 2010, , 41-55.		1

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109	Anisotropy of the pairing gap of FeAs-based superconductors induced by spin fluctuations. Physical Review B, 2009, 79, .	3.2	44
110	Replica theory for fluctuations of the activation barriers in glassy systems. Physical Review B, 2009, 80, .	3.2	21
111	Unconventional London Penetration Depth in Single-Crystal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ba</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mi>Fe</mml:mi><mml:mn>0.93</mml:mn></mml:msub><mml:msub><mml:mi>Co</mml:mi> Physical Review Letters, 2009, 102, 137004.	7.8	150
112	London penetration depth in single crystals of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Ba</mml:mtext><mml:msub><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow> Physical Review B, 2009, 79, .	3.2	92
113	Relativistic magnetotransport in graphene. , 2009, , .		10
114	Electronic properties of iron arsenic high temperature superconductors revealed by angle resolved photoemission spectroscopy (ARPES). Physica C: Superconductivity and Its Applications, 2009, 469, 491-497.	1.2	25
115	Competition between the pseudogap and superconductivity in the high-Tc copper oxides. Nature, 2009, 457, 296-300.	27.8	231
116	Pairing symmetry and pairing state in ferropnictides: Theoretical overview. Physica C: Superconductivity and Its Applications, 2009, 469, 614-627.	1.2	360
117	Graphene: A Nearly Perfect Fluid. Physical Review Letters, 2009, 103, 025301.	7.8	271
118	Optical transparency of graphene as determined by the fine-structure constant. Physical Review B, 2009, 80, .	3.2	176
119	Orbital coupling and superconductivity in the iron pnictides. Physical Review B, 2009, 79, .	3.2	63
120	Precise measurements of radio-frequency magnetic susceptibility in ferromagnetic and antiferromagnetic materials. Journal of Magnetism and Magnetic Materials, 2008, 320, 354-363.	2.3	32
121	Momentum Dependence of the Superconducting Gap in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>NdFeAsO</mml:mi><mml:mn>0.9</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">F</mml:mi><mml:mn>0.1</mml:mn></mml:msub></mml:math>Single Crystals Measured by Angle-Resolved Photoemission Spectroscopy. Physical Review Letters, 2008, 101, 147003.	7.8	239
122	Nanoparticle Ordering via Functionalized Block Copolymers in Solution. ACS Nano, 2008, 2, 1259-1265.	14.6	44
123	Quantum critical transport in clean graphene. Physical Review B, 2008, 78, .	3.2	277
124	Conductivity of electronic liquid-crystalline mesophases. Physical Review B, 2008, 78, .	3.2	6
125	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Li</mml:mi><mml:mprescripts /><mml:none /><mml:mn>7</mml:mn></mml:mmultiscripts></mml:math>NMR study of heavy-fermion<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Li</mml:mi><mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant	3.2	8
126	Emergent symmetry and dimensional reduction at a quantum critical point. Physical Review B, 2008, 77, .	3.2	30

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127	Universality of Liquid-Gas Mott Transitions at Finite Temperatures. Physical Review Letters, 2008, 100, 026408.	7.8	40
128	Kondo-lattice screening in ad-wave superconductor. Physical Review B, 2008, 77, .	3.2	3
129	Gutzwiller density functional theory for correlated electron systems. Physical Review B, 2008, 77, .	3.2	65
130	Quantum Phases in a Doped Mott Insulator on the Shastry-Sutherland Lattice. Physical Review Letters, 2007, 99, 227003.	7.8	20
131	Geometric Frustration and Dimensional Reduction at a Quantum Critical Point. Physical Review Letters, 2007, 98, 257201.	7.8	44
132	Quantum Critical Scaling in Graphene. Physical Review Letters, 2007, 99, 226803.	7.8	207
133	Interface mobility and the liquid-glass transition in a one-component system described by an embedded atom method potential. Physical Review B, 2006, 74, .	3.2	34
134	The shapes of cooperatively rearranging regions in glass-forming liquids. Nature Physics, 2006, 2, 268-274.	16.7	245
135	Universal scaling behavior in heavy electron materials. Physica B: Condensed Matter, 2006, 378-380, 754-755.	2.7	3
136	Quantum Critical End Point for the Kondo Volume Collapse Model. Physical Review Letters, 2006, 97, 185701.	7.8	26
137	Comment on â€œQuantum Griffiths effects in metallic systemsâ€•by A. H. Castro Neto and B. A. Jones. Europhysics Letters, 2005, 72, 1052-1053.	2.0	7
138	Correlated disorder in random block copolymers. Physical Review E, 2005, 72, 011806.	2.1	5
139	Pairing and Superconductivity Driven by Strong Quasiparticle Renormalization in Two-Dimensional Organic Charge Transfer Salts. Physical Review Letters, 2005, 94, 127003.	7.8	73
140	Superconductivity in Charge Kondo Systems. Physical Review Letters, 2005, 94, 157003.	7.8	80
141	Dynamics of Magnetic Defects in Heavy FermionLiV2O4from Stretched ExponentialLi7NMR Relaxation. Physical Review Letters, 2005, 95, 176408.	7.8	35
142	Percolation Quantum Phase Transitions in Diluted Magnets. Physical Review Letters, 2005, 95, 237206.	7.8	44
143	Superconductivity due to massless boson exchange in the strong-coupling limit. Physical Review B, 2005, 72, .	3.2	61
144	Electronic Mayonnaise: Uniting the Sciences of â€œHardâ€•and â€œSoftâ€•Matter. MRS Bulletin, 2005, 30, 433-436.	3.5	12

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145	Quantum Griffiths effects in itinerant Heisenberg magnets. Physical Review B, 2005, 72, .	3.2	91
146	Activated events in glasses: The structure of entropic droplets. Physical Review B, 2005, 72, .	3.2	51
147	Solution of local-field equations for self-generated glasses. Physical Review B, 2004, 70, .	3.2	14
148	Quantum Phase Transitions of Magnetic Rotons. Physical Review Letters, 2004, 93, 036405.	7.8	38
149	Glassy behavior in systems with Kac-type step-function interaction. Physical Review E, 2004, 69, 010501.	2.1	8
150	Scaling in the emergent behavior of heavy-electron materials. Physical Review B, 2004, 70, .	3.2	115
151	Quantum-critical theory of the spin-fermion model and its application to cuprates: Normal state analysis. Advances in Physics, 2003, 52, 119-218.	14.4	464
152	â€œDevilâ€™s Staircaseâ€•inPb/Si(111)Ordered Phases. Physical Review Letters, 2003, 90, 216106.	7.8	83
153	Dynamical mean-field theory of quantum stripe glasses. Physical Review B, 2003, 68, .	3.2	29
154	Neutron Resonance in the Cuprates and its Effect on Fermionic Excitations. Physical Review Letters, 2002, 89, 177002.	7.8	94
155	Quantum Griffiths effects in metallic systems. Physical Review B, 2002, 66, .	3.2	59
156	Theory of microemulsion glasses. Chemical Physics Letters, 2002, 359, 1-7.	2.6	23
157	Fingerprints of spin mediated pairing in cuprates. Journal of Electron Spectroscopy and Related Phenomena, 2001, 117-118, 129-151.	1.7	63
158	ON THE NUMBER OF METASTABLE STATES IN A STRIPE GLASS. International Journal of Modern Physics B, 2001, 15, 3292-3295.	2.0	4
159	Quantum-critical superconductivity in underdoped cuprates. Europhysics Letters, 2001, 55, 369-375.	2.0	39
160	Schmalian and Wolynes Reply:. Physical Review Letters, 2001, 86, 3456-3456.	7.8	11
161	Local Defect in Metallic Quantum Critical Systems. Physical Review Letters, 2001, 87, 167202.	7.8	67
162	Self-generated randomness, defect wandering, and viscous flow in stripe glasses. Physical Review B, 2001, 64, .	3.2	66

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163	Singularities in the optical response of cuprates. Physical Review B, 2001, 63, .	3.2	43
164	Andreev interferometry as a probe of superconducting phase correlations in the pseudogap regime of the cuprates. Physical Review B, 2000, 62, 4105-4113.	3.2	4
165	Quantification of Magnetic Domain Disorder and Correlations in Antiferromagnetically Coupled Multilayers by Neutron Reflectometry. Physical Review Letters, 2000, 85, 4964-4967.	7.8	63
166	Stripe Glasses: Self-Generated Randomness in a Uniformly Frustrated System. Physical Review Letters, 2000, 85, 836-839.	7.8	204
167	A neutron study of magnetic domain correlations in antiferromagnetically coupled multilayers. Journal of Applied Physics, 2000, 87, 5750-5752.	2.5	10
168	The middle way. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 32-37.	7.1	345
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