# Subir Sachdev

List of Publications by Year
in descending order

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| | | 2203 | 4535 |
|---|---|---|---|
| 437 | 37,446 | 99 | 171 |
| papers | citations | h-index | g-index |

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|---|---|---|---|
| 449 | 449 | 449 | 11834 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Spin liquid to spin glass crossover in the random quantum Heisenberg magnet. Physical Review B, 2022, 105, . | 1.1 | 7 |
| 2 | Electronic spectra with paramagnon fractionalization in the single-band Hubbard model. Physical Review B, 2022, 105, . | 1.1 | 7 |
| 3 | Orderly disorder in magic-angle twisted trilayer graphene. Science, 2022, 376, 193-199. | 6.0 | 63 |
| 4 | Correlated Insulators, Semimetals, and Superconductivity in Twisted Trilayer Graphene. Physical Review X, 2022, 12, . | 2.8 | 22 |
| 5 | Quantum optimization of maximum independent set using Rydberg atom arrays. Science, 2022, 376, 1209-1215. | 6.0 | 124 |
| 6 | Bulk and boundary quantum phase transitions in a square Rydberg atom array. Physical Review B, 2022, 105, . | 1.1 | 15 |
| 7 | Critical metallic phase in the overdoped randomt-Jmodel. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, . | 3.3 | 6 |
| 8 | Quantum phases of Rydberg atoms on a kagome lattice. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 3.3 | 86 |
| 9 | Excitation spectra of quantum matter without quasiparticles. II. Random <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>t</mml:mi><mml:mo>â^'</mml:mo><mml:mi>J</mml:mi></mml:math> models. Physical Review B, 2021, 103, . | 1.1 | 14 |
| 10 | Excitation spectra of quantum matter without quasiparticles. I. Sachdev-Ye-Kitaev models. Physical Review B, 2021, 103, . | 1.1 | 18 |
| 11 | Quantum Phase Transition at Nonzero Doping in a Random tâ^'J Model. Physical Review Letters, 2021, 126, 136602. | 2.9 | 12 |
| 12 | Critical anomalous metals near superconductivity in models with random interactions. Physical Review B, 2021, 103, . | 1.1 | 1 |
| 13 | Mirror symmetry breaking in a model insulating cuprate. Nature Physics, 2021, 17, 777-781. | 6.5 | 24 |
| 14 | Extrinsic phonon thermal Hall transport from Hall viscosity. Physical Review B, 2021, 103, . | 1.1 | 18 |
| 15 | Quantum connections. Nature Reviews Physics, 2021, 3, 391-393. | 11.9 | 8 |
| 16 | Small to large Fermi surface transition in a single-band model using randomly coupled ancillas. Physical Review B, 2021, 103, . | 1.1 | 8 |
| 17 | Evidence of zero-point fluctuation of vortices in a very weakly pinned <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>a</mml:mi></mml:math> -MoGe thin film. Physical Review B, 2021, 103, . | 1.1 | 6 |
| 18 | Large- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>N</mml:mi></mml:math> theory of critical Fermi surfaces. Physical Review B, 2021, 103, . | 1.1 | 48 |

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| 19 | Deconfined criticality and a gapless <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="double-struck">Z</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> spin liquid in the square-lattice antiferromagnet. Physical Review B, 2021, 104, . | 1.1 | 15 |
| 20 | Phonon Hall viscosity from phonon-spinon interactions. Physical Review B, 2021, 104, . | 1.1 | 10 |
| 21 | Quantum phases of matter on a 256-atom programmable quantum simulator. Nature, 2021, 595, 227-232. | 13.7 | 458 |
| 22 | Probing topological spin liquids on a programmable quantum simulator. Science, 2021, 374, 1242-1247. | 6.0 | 293 |
| 23 | Linear in temperature resistivity in the limit of zero temperature from the time reparameterization soft mode. Annals of Physics, 2020, 418, 168202. | 1.0 | 24 |
| 24 | Graphene Reveals Its Strange Side. Physics Magazine, 2020, 13, . | 0.1 | 0 |
| 25 | Deconfined criticality and ghost Fermi surfaces at the onset of antiferromagnetism in a metal. Physical Review B, 2020, 102, . | 1.1 | 22 |
| 26 | Anomalous density fluctuations in a random <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>t</mml:mi><mml:mtext>â^'</mml:mtext><mml:mi>J</mml:mi></mml:mrow></mml:math> model. Physical Review B, 2020, 102, . | 1.1 | 7 |
| 27 | Superconductivity, correlated insulators, and Wessâ€“Zuminoâ€“Witten terms in twisted bilayer graphene. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29543-29554. | 3.3 | 66 |
| 28 | Metal-insulator transition in a random Hubbard model. Physical Review B, 2020, 101, . | 1.1 | 9 |
| 29 | Phases of SU(2) gauge theory with multiple adjoint Higgs fields in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>2</mml:mn><mml:mo>+</mml:mo><mml:mn>1</mml:mn></mml:mrow></mml:math> dimensions. Physical Review B, 2020, 101, . | 1.1 | 10 |
| 30 | Spectral form factors of clean and random quantum Ising chains. Physical Review E, 2020, 101, 042136. | 0.8 | 4 |
| 31 | Deconfined Critical Point in a Doped Random Quantum Heisenberg Magnet. Physical Review X, 2020, 10, . | 2.8 | 24 |
| 32 | Gauge theories for the thermal Hall effect. Physical Review B, 2020, 101, . | 1.1 | 10 |
| 33 | Thermoelectric power of Sachdev-Ye-Kitaev islands: Probing Bekenstein-Hawking entropy in quantum matter experiments. Physical Review B, 2020, 101, . | 1.1 | 23 |
| 34 | Complex Density Wave Orders and Quantum Phase Transitions in a Model of Square-Lattice Rydberg Atom Arrays. Physical Review Letters, 2020, 124, 103601. | 2.9 | 46 |
| 35 | Ultraheavy and Ultrarelativistic Dirac Quasiparticles in Sandwiched Graphenes. Nano Letters, 2020, 20, 3030-3038. | 4.5 | 80 |
| 36 | Notes on the complex Sachdev-Ye-Kitaev model. Journal of High Energy Physics, 2020, 2020, 1. | 1.6 | 118 |

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| 37 | From the pseudogap metal to the Fermi liquid using ancilla qubits. Physical Review Research, 2020, 2, . | 1.3 | 31 |
| 38 | Unquantized thermal Hall effect in quantum spin liquids with spinon Fermi surfaces. Physical Review Research, 2020, 2, . | 1.3 | 11 |
| 39 | Bilocal quantum criticality. Physical Review Research, 2020, 2, . | 1.3 | 2 |
| 40 | Fermi Surface Reconstruction without Symmetry Breaking. Physical Review X, 2020, 10, . | 2.8 | 14 |
| 41 | Theory of a Planckian Metal. Physical Review Letters, 2019, 123, 066601. | 2.9 | 88 |
| 42 | Universal low temperature theory of charged black holes with AdS2 horizons. Journal of Mathematical Physics, 2019, 60, . | 0.5 | 61 |
| 43 | Transport and chaos in lattice Sachdev-Ye-Kitaev models. Physical Review B, 2019, 100, . | 1.1 | 36 |
| 44 | Enhanced thermal Hall effect in the square-lattice NÃ©el state. Nature Physics, 2019, 15, 1290-1294. | 6.5 | 32 |
| 45 | NMR relaxation in Ising spin chains. Physical Review B, 2019, 99, . | 1.1 | 10 |
| 46 | Magnetic fieldâ€“induced pair density wave state in the cuprate vortex halo. Science, 2019, 364, 976-980. | 6.0 | 101 |
| 47 | Thermal Hall effect in square-lattice spin liquids: A Schwinger boson mean-field study. Physical Review B, 2019, 99, . | 1.1 | 31 |
| 48 | Quantum Kibbleâ€“Zurek mechanism and critical dynamics on a programmable Rydberg simulator. Nature, 2019, 568, 207-211. | 13.7 | 298 |
| 49 | Gauge theory for the cuprates near optimal doping. Physical Review B, 2019, 99, . | 1.1 | 54 |
| 50 | Signatures of a Deconfined Phase Transition on the Shastry-Sutherland Lattice: Applications to Quantum Critical <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>SrCu</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mrow><mml:mi>BO</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow> | 2.8 | 31 |
| 51 | Topological order, emergent gauge fields, and Fermi surface reconstruction. Reports on Progress in Physics, 2019, 82, 014001. | 8.1 | 136 |
| 52 | 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 |
| 53 | Fermionic Spinon Theory of Square Lattice Spin Liquids near the NÃ©el State. Physical Review X, 2018, 8, . | 2.8 | 25 |
| 54 | Quantum field theory for the chiral clock transition in one spatial dimension. Physical Review B, 2018, 98, . | 1.1 | 44 |

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| 55 | Orbital currents in insulating and doped antiferromagnets. Physical Review B, 2018, 98, . | 1.1 | 19 |
| 56 | Z2 fractionalized phases of a solvable disordered tâˆ’J model. Physical Review B, 2018, 98, . | 1.1 | 13 |
| 57 | Critical strange metal from fluctuating gauge fields in a solvable random model. Physical Review B, 2018, 98, . | 1.1 | 27 |
| 58 | Pseudogap and Fermi-Surface Topology in the Two-Dimensional Hubbard Model. Physical Review X, 2018, 8, . | 2.8 | 65 |
| 59 | Magnetotransport in a Model of a Disordered Strange Metal. Physical Review X, 2018, 8, . | 2.8 | 76 |
| 60 | Triangular antiferromagnetism on the honeycomb lattice of twisted bilayer graphene. Physical Review B, 2018, 98, . | 1.1 | 122 |
| 61 | Confinement transition of â„¤<sub>2</sub> gauge theories coupled to massless fermions: Emergent quantum chromodynamics and SO (5) symmetry. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6987-E6995. | 3.3 | 64 |
| 62 | Numerical study of the chiral <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="double-struck">Z</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> quantum phase transition in one spatial dimension. Physical Review A, 2018, 98, . | 1.0 | 64 |
| 63 | Holography of the Dirac Fluid in Graphene with Two Currents. Physical Review Letters, 2017, 118, 036601. | 2.9 | 39 |
| 64 | Quantum chaos on a critical Fermi surface. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1844-1849. | 3.3 | 117 |
| 65 | Entanglement entropy of large-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>N</mml:mi></mml:math>Wilson-Fisher conformal field theory. Physical Review B, 2017, 95, . | 1.1 | 39 |
| 66 | Shear viscosity at the Ising-nematic quantum critical point in two-dimensional metals. Physical Review B, 2017, 95, . | 1.1 | 14 |
| 67 | Quantum Butterfly Effect in Weakly Interacting Diffusive Metals. Physical Review X, 2017, 7, . | 2.8 | 106 |
| 68 | Spectrum of conformal gauge theories on a torus. Physical Review B, 2017, 95, . | 1.1 | 8 |
| 69 | Supersymmetric Sachdev-Ye-Kitaev models. Physical Review D, 2017, 95, . | 1.6 | 193 |
| 70 | Spectrum of the Wilson-Fisher conformal field theory on the torus. Physical Review B, 2017, 96, . | 1.1 | 11 |
| 71 | Thermal and electrical transport in metals and superconductors across antiferromagnetic and topological quantum transitions. Physical Review B, 2017, 96, . | 1.1 | 18 |
| 72 | Intertwining Topological Order and Broken Symmetry in a Theory of Fluctuating Spin-Density Waves. Physical Review Letters, 2017, 119, 227002. | 2.9 | 29 |

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| 74 | Quantum quench of the Sachdev-Ye-Kitaev model. Physical Review B, 2017, 96, . | 1.1 | 80 |
| 75 | Critical behavior of an impurity at the boson superfluidâ€“Mott-insulator transition. Physical Review A, 2017, 96, . | 1.0 | 6 |
| 76 | Publisherâ€™s Note: Supersymmetric Sachdev-Ye-Kitaev models [Phys. Rev. D 95 , 026009 (2017)]. Physical Review D, 2017, 95, . | 1.6 | 32 |
| 77 | Thermoelectric transport in disordered metals without quasiparticles: The Sachdev-Ye-Kitaev models and holography. Physical Review B, 2017, 95, . | 1.1 | 289 |
| 78 | Insulators and metals with topological order and discrete symmetry breaking. Physical Review B, 2017, 95, . | 1.1 | 20 |
| 79 | Quantum electrodynamics in 2+1 dimensions with quenched disorder: Quantum critical states with interactions and disorder. Physical Review B, 2017, 95, . | 1.1 | 23 |
| 80 | Superconductivity from a confinement transition out of a fractionalized Fermi liquid with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="double-struck">Z</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>topological and Ising-nematic orders. Physical Review B, 2016, 94, . | 1.1 | 16 |
| 81 | Electronic quasiparticles in the quantum dimer model: Density matrix renormalization group results. Physical Review B, 2016, 94, . | 1.1 | 10 |
| 82 | Hydrodynamic theory of thermoelectric transport and negative magnetoresistance in Weyl semimetals. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9463-9468. | 3.3 | 105 |
| 83 | Numerical study of fermion and boson models with infinite-range random interactions. Physical Review B, 2016, 94, . | 1.1 | 149 |
| 84 | Transition from the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="double-struck">Z</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>spin liquid to antiferromagnetic order: Spectrum on the torus. Physical Review B, 2016, 94, . | 1.1 | 18 |
| 85 | The novel metallic states of the cuprates: Topological Fermi liquids and strange metals. Progress of Theoretical and Experimental Physics, 2016, 2016, 12C102. | 1.8 | 34 |
| 86 | Universal Signatures of Quantum Critical Points from Finite-Size Torus Spectra: A Window into the Operator Content of Higher-Dimensional Conformal Field Theories. Physical Review Letters, 2016, 117, 210401. | 2.9 | 39 |
| 87 | Deconfined Quantum Critical Points. , 2016, , 469-479. | | 0 |
| 88 | Emergent gauge fields and the high-temperature superconductors. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150248. | 1.6 | 24 |
| 89 | Transport in inhomogeneous quantum critical fluids and in the Dirac fluid in graphene. Physical Review B, 2016, 93, . | 1.1 | 149 |
| 90 | Fractionalized Fermi liquid on the surface of a topological Kondo insulator. Physical Review B, 2016, 93, . | 1.1 | 19 |

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| 91 | Confinement transition to density wave order in metallic doped spin liquids. Physical Review B, 2016, 93, . | 1.1 | 18 |
| 92 | Fractionalized Fermi liquid with bosonic chargons as a candidate for the pseudogap metal. Physical Review B, 2016, 94, . | 1.1 | 22 |
| 93 | Fermi Surface Reconstruction and Drop in the Hall Number due to Spiral Antiferromagnetism in High-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:math> Cuprates. Physical Review Letters, 2016, 117, 187001. | 2.9 | 45 |
| 94 | Spin density wave order, topological order, and Fermi surface reconstruction. Physical Review B, 2016, 94, . | 1.1 | 20 |
| 95 | Hyperscaling violation at the Ising-nematic quantum critical point in two-dimensional metals. Physical Review B, 2016, 94, . | 1.1 | 38 |
| 96 | Observation of the Dirac fluid and the breakdown of the Wiedemann-Franz law in graphene. Science, 2016, 351, 1058-1061. | 6.0 | 491 |
| 97 | Atomic-scale electronic structure of the cuprate d-symmetry form factor density wave state. Nature Physics, 2016, 12, 150-156. | 6.5 | 109 |
| 98 | Charge ordering in three-band models of the cuprates. Physical Review B, 2015, 91, . | 1.1 | 25 |
| 99 | Phase transition beneath the superconducting dome inBaFe2(As1â^'xPx)2. Physical Review B, 2015, 92, . | 1.1 | 16 |
| 100 | Real-space Eliashberg approach to charge order of electrons coupled to dynamic antiferromagnetic fluctuations. Physical Review B, 2015, 92, . | 1.1 | 6 |
| 101 | Hyperscaling at the spin density wave quantum critical point in two-dimensional metals. Physical Review B, 2015, 92, . | 1.1 | 31 |
| 102 | Wess-Zumino-Witten Terms in Graphene Landau Levels. Physical Review Letters, 2015, 114, 226801. | 2.9 | 21 |
| 103 | Absence of Disorder-Driven Metal-Insulator Transitions in Simple Holographic Models. Physical Review Letters, 2015, 115, 221601. | 2.9 | 76 |
| 104 | Probing excitations in insulators via injection of spin currents. Physical Review B, 2015, 92, . | 1.1 | 23 |
| 105 | Fluctuating orders and quenched randomness in the cuprates. Physical Review B, 2015, 92, . | 1.1 | 22 |
| 106 | Scaling dimensions of monopole operators in the â„¤ â„™ N b â^' 1 $$ mathbb{C}{mathrm{mathbb{P}}}^{N_b-1} $$ theory in 2 + 1 dimensions. Journal of High Energy Physics, 2015, 2015, 1. | 1.6 | 40 |
| 107 | The Enigma of the Pseudogap Phase of the Cuprate Superconductors. , 2015, , . | | 10 |
| 108 | Bekenstein-Hawking Entropy and Strange Metals. Physical Review X, 2015, 5, . | 2.8 | 306 |

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| 110 | Quantum dimer model for the pseudogap metal. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9552-9557. | 3.3 | 58 |
| 111 | Conductivity of weakly disordered strange metals: From conformal to hyperscaling-violating regimes. Nuclear Physics B, 2015, 892, 239-268. | 0.9 | 31 |
| 112 | Memory matrix theory of magnetotransport in strange metals. Physical Review B, 2015, 91, . | 1.1 | 91 |
| 113 | Cooper pairing in non-Fermi liquids. Physical Review B, 2015, 91, . | 1.1 | 215 |
| 114 | Direct phase-sensitive identification of a d -form factor density wave in underdoped cuprates. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3026-32. | 3.3 | 198 |
| 115 | dc resistivity at the onset of spin density wave order in two-dimensional metals. Physical Review B, 2014, 90, . | 1.1 | 53 |
| 116 | Scale-invariant hyperscaling-violating holographic theories and the resistivity of strange metals with random-field disorder. Physical Review D, 2014, 89, . | 1.6 | 46 |
| 117 | Transport near the Ising-nematic quantum critical point of metals in two dimensions. Physical Review B, 2014, 89, . | 1.1 | 89 |
| 118 | Evolution of Quantum Fluctuations Near the Quantum Critical Point of the Transverse Field Ising Chain System<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>CoNb</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>6</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review X, 2014, 4, . | 2.8 | 73 |
| 119 | Conformal field theories at nonzero temperature: Operator product expansions, Monte Carlo, and holography. Physical Review B, 2014, 90, . | 1.1 | 63 |
| 120 | Entanglement entropy of compressible holographic matter: Loop corrections from bulk fermions. Physical Review B, 2014, 90, . | 1.1 | 7 |
| 121 | Density wave instabilities in a correlated two-dimensional metal. Physical Review B, 2014, 90, . | 1.1 | 74 |
| 122 | Conformal field theories in a periodic potential: Results from holography and field theory. Physical Review D, 2014, 89, . | 1.6 | 33 |
| 123 | Spectral function of a localized fermion coupled to the Wilson-Fisher conformal field theory. Physical Review B, 2014, 90, . | 1.1 | 25 |
| 124 | Connecting high-field quantum oscillations to zero-field electron spectral functions in the underdoped cuprates. Nature Communications, 2014, 5, 5771. | 5.8 | 66 |
| 125 | Density-wave instabilities of fractionalized Fermi liquids. Physical Review B, 2014, 90, . | 1.1 | 60 |
| 126 | Topological excitations and the dynamic structure factor of spin liquids on the kagome lattice. Nature Physics, 2014, 10, 289-293. | 6.5 | 99 |

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| 127 | Angular Fluctuations of a Multicomponent Order Describe the Pseudogap of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6+</sub>  <sub>x</sub> . Science, 2014, 343, 1336-1339. | 6.0 | 99 |
| 128 | The dynamics of quantum criticality revealed by quantum Monte Carlo and holography. Nature Physics, 2014, 10, 361-366. | 6.5 | 83 |
| 129 | Fermi Surface and Pseudogap Evolution in a Cuprate Superconductor. Science, 2014, 344, 608-611. | 6.0 | 130 |
| 130 | Diamagnetism and density-wave order in the pseudogap regime ofYBa2Cu3O6+x. Physical Review B, 2014, 90, . | 1.1 | 7 |
| 131 | Feedback of superconducting fluctuations on charge order in the underdoped cuprates. Physical Review B, 2014, 90, . | 1.1 | 48 |
| 132 | Quantum quenches and competing orders. Physical Review B, 2014, 90, . | 1.1 | 23 |
| 133 | Mean-field theory of competing orders in metals with antiferromagnetic exchange interactions. Physical Review B, 2014, 89, . | 1.1 | 54 |
| 134 | Auxiliary-boson and DMFT studies of bond ordering instabilities of $$t$$ t - $$J$$ J - $$V$$ V models on the square lattice. Indian Journal of Physics, 2014, 88, 905-913. | 0.9 | 15 |
| 135 | Renormalization group analysis of a fermionic hot-spot model. Physical Review B, 2014, 90, . | 1.1 | 6 |
| 136 | Deconfined criticality in bilayer graphene. Physical Review B, 2014, 90, . | 1.1 | 11 |
| 137 | Bond Order in Two-Dimensional Metals with Antiferromagnetic Exchange Interactions. Physical Review Letters, 2013, 111, 027202. | 2.9 | 177 |
| 138 | Monopoles in 2 + 1-dimensional conformal field theories with global U(1) symmetry. Journal of High Energy Physics, 2013, 2013, 1. | 1.6 | 25 |
| 139 | Quantum criticality of reconstructing Fermi surfaces in antiferromagnetic metals. Physical Review B, 2013, 87, . | 1.1 | 24 |
| 140 | Dispersing quasinormal modes in (2+1)-dimensional conformal field theories. Physical Review B, 2013, 87, . | 1.1 | 28 |
| 141 | Keldysh approach for nonequilibrium phase transitions in quantum optics: Beyond the Dicke model in optical cavities. Physical Review A, 2013, 87, . | 1.0 | 176 |
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| 143 | Conserved current correlators of conformal field theories in 2+1 dimensions. Physical Review B, 2013, 88, . | 1.1 | 24 |
| 144 | Vector Boson Excitations Near Deconfined Quantum Critical Points. Physical Review Letters, 2013, 111, 166401. | 2.9 | 9 |

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| 146 | Singularity of the London Penetration Depth at Quantum Critical Points in Superconductors. Physical Review Letters, 2013, 111, 157004. | 2.9 | 38 |
| 147 | Multipoint correlators of conformal field theories: Implications for quantum critical transport. Physical Review B, 2013, 87, . | 1.1 | 49 |
| 148 | Vortex lattices and crystalline geometries. Physical Review D, 2013, 88, . | 1.6 | 11 |
| 149 | Mobile impurity near the superfluidâ€“Mott-insulator quantum critical point in two dimensions. Physical Review A, 2013, 87, . | 1.0 | 8 |
| 150 | Frustrated quantum Ising spins simulated by spinless bosons in a tilted lattice: From a quantum liquid to antiferromagnetic order. Physical Review B, 2012, 86, . | 1.1 | 10 |
| 151 | Breakdown of Fermi liquid behavior at the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mi>Ï€</mml:mi><mml:mo>,</mml:mo><mml:mi>Ï€</mml:mi> wave quantum-critical point: The case of electron-doped cuprates. Physical Review B, 2012, 86, . | 1.1 | 23 |
| 152 | Compressible quantum phases from conformal field theories in2+1dimensions. Physical Review D, 2012, 86, . | 1.6 | 17 |
| 153 | Hidden Fermi surfaces in compressible states of gauge-gravity duality. Physical Review B, 2012, 85, . | 1.1 | 304 |
| 154 | Fermi surface reconstruction in hole-doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>t</mml:mi><mml:mo>â^’</mml:mo><mml:mi>J</mml:mi></mml:mrow></mml:math>models without long-range antiferromagnetic order. Physical Review B, 2012, 85, . | 1.1 | 36 |
| 155 | Antiferromagnetism in metals: from the cuprate superconductors to the heavy fermion materials. Journal of Physics Condensed Matter, 2012, 24, 294205. | 0.7 | 29 |
| 156 | Quasinormal modes of quantum criticality. Physical Review B, 2012, 86, . | 1.1 | 47 |
| 157 | Sign-Problemâ€“Free Quantum Monte Carlo of the Onset of Antiferromagnetism in Metals. Science, 2012, 338, 1606-1609. | 6.0 | 140 |
| 158 | Strange and Stringy. Scientific American, 2012, 308, 44-51. | 1.0 | 8 |
| 159 | Quantum charge glasses of itinerant fermions with cavity-mediated long-range interactions. Physical Review A, 2012, 86, . | 1.0 | 46 |
| 160 | Entanglement entropy of 3-d conformal gauge theories with many flavors. Journal of High Energy Physics, 2012, 2012, 1. | 1.6 | 62 |
| 161 | Competition between superconductivity and nematic order: Anisotropy of superconducting coherence length. Physical Review B, 2012, 85, . | 1.1 | 26 |
| 162 | Spectral functions of the Higgs mode near two-dimensional quantum critical points. Physical Review B, 2012, 86, . | 1.1 | 86 |

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| 165 | Dilute Fermi and Bose Gases. Lecture Notes in Physics, 2012, , 277-304. | 0.3 | 0 |
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