

Massimo Capone

List of Publications by Year in descending order

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183
papers

7,205
citations

46918

47
h-index

64668

79
g-index

184
all docs

184
docs citations

184
times ranked

5489
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Diisopropylammonium Bromide Is a High-Temperature Molecular Ferroelectric Crystal. <i>Science</i> , 2013, 339, 425-428. | 6.0 | 703 |
| 2 | Ultrafast optical spectroscopy of strongly correlated materials and high-temperature superconductors: a non-equilibrium approach. <i>Advances in Physics</i> , 2016, 65, 58-238. | 35.9 | 325 |
| 3 | Selective Mott Physics as a Key to Iron Superconductors. <i>Physical Review Letters</i> , 2014, 112, 177001. | 2.9 | 293 |
| 4 | Strongly Correlated Superconductivity. <i>Science</i> , 2002, 296, 2364-2366. | 6.0 | 220 |
| 5 | Orbital-Selective Mott Transition out of Band Degeneracy Lifting. <i>Physical Review Letters</i> , 2009, 102, 126401. | 2.9 | 215 |
| 6 | Dynamical Breakup of the Fermi Surface in a Doped Mott Insulator. <i>Physical Review Letters</i> , 2005, 95, 106402. | 2.9 | 163 |
| 7 | Colloquium: Modeling the unconventional superconducting properties of expanded A_3C_{60} fullerides. <i>Reviews of Modern Physics</i> , 2009, 81, 043058. | 16.4 | 162 |
| 8 | Anomalous superconductivity and its competition with antiferromagnetism in doped Mott insulators. <i>Physical Review B</i> , 2008, 77, . | 1.1 | 153 |
| 9 | Small-polaron formation and optical absorption in Su-Schrieffer-Heeger and Holstein models. <i>Physical Review B</i> , 1997, 56, 4484-4493. | 1.1 | 139 |
| 10 | Optical conductivity and the correlation strength of high-temperature copper-oxide superconductors. <i>Nature Physics</i> , 2008, 4, 287-290. | 6.5 | 106 |
| 11 | Competition between d-wave superconductivity and antiferromagnetism in the two-dimensional Hubbard model. <i>Physical Review B</i> , 2006, 74, . | 1.1 | 103 |
| 12 | Electron-Phonon Interaction Close to a Mott Transition. <i>Physical Review Letters</i> , 2005, 94, 026401. | 2.9 | 102 |
| 13 | Solving the dynamical mean-field theory at very low temperatures using the Lanczos exact diagonalization. <i>Physical Review B</i> , 2007, 76, . | 1.1 | 98 |
| 14 | Orbital selectivity in Hund's metals: The iron chalcogenides. <i>Physical Review B</i> , 2013, 87, . | 1.1 | 95 |
| 15 | Snapshots of the retarded interaction of charge carriers with ultrafast fluctuations in cuprates. <i>Nature Physics</i> , 2015, 11, 421-426. | 6.5 | 92 |
| 16 | First-Order Pairing Transition and Single-Particle Spectral Function in the Attractive Hubbard Model. <i>Physical Review Letters</i> , 2002, 88, 126403. | 2.9 | 90 |
| 17 | Unified understanding of superconductivity and Mott transition in alkali-doped fullerides from first principles. <i>Science Advances</i> , 2015, 1, e1500568. | 4.7 | 90 |
| 18 | Energetic balance of the superconducting transition across the BCS-Bose Einstein crossover in the attractive Hubbard model. <i>Physical Review B</i> , 2005, 72, . | 1.1 | 86 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | First-Order Character and Observable Signatures of Topological Quantum Phase Transitions. Physical Review Letters, 2015, 114, 185701. | 2.9 | 86 |
| 20 | Polaron Crossover and Bipolaronic Metal-Insulator Transition in the Half-Filled Holstein Model. Physical Review Letters, 2003, 91, 186405. | 2.9 | 85 |
| 21 | Pairing and superconductivity from weak to strong coupling in the attractive Hubbard model. New Journal of Physics, 2005, 7, 7-7. | 1.2 | 83 |
| 22 | Dynamical behavior across the Mott transition of two bands with different bandwidths. Physical Review B, 2005, 72, . | 1.1 | 82 |
| 23 | Cluster-dynamical mean-field theory of the density-driven Mott transition in the one-dimensional Hubbard model. Physical Review B, 2004, 69, . | 1.1 | 81 |
| 24 | Electronic correlation effects in superconducting picene from ab initio calculations. Physical Review B, 2011, 83, . | 1.1 | 81 |
| 25 | Dimensionality-Driven Metal-Insulator Transition in Spin-Orbit-Coupled $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{SrIrO} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Physical Review Letters, 2017, 119, 256404. | 2.9 | 81 |
| 26 | Phase Separation Close to the Density-Driven Mott Transition in the Hubbard-Holstein Model. Physical Review Letters, 2004, 92, 106401. | 2.9 | 75 |
| 27 | Static versus dynamical mean-field theory of Mott antiferromagnets. Physical Review B, 2006, 73, . | 1.1 | 74 |
| 28 | Quasiparticle evolution and pseudogap formation in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{mathvariant="normal"} \rangle V \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{mathvariant="normal"} \rangle O \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$: An infrared spectroscopy study. Physical Review B, 2008, 77, . | 1.1 | 73 |
| 29 | Strongly Correlated Superconductivity and Pseudogap Phase near a Multiband Mott Insulator. Physical Review Letters, 2004, 93, 047001. | 2.9 | 72 |
| 30 | Antiferromagnetism and the gap of a Mott insulator: Results from analytic continuation of the self-energy. Physical Review B, 2009, 80, . | 1.1 | 72 |
| 31 | Proximity of iron pnictide superconductors to a quantum tricritical point. Nature Communications, 2011, 2, 398. | 5.8 | 72 |
| 32 | Nodal-Antinodal Dichotomy and the Two Gaps of a Superconducting Doped Mott Insulator. Physical Review Letters, 2008, 100, 046402. | 2.9 | 70 |
| 33 | Transient Dynamics of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle d \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Wave Superconductors after a Sudden Excitation. Physical Review Letters, 2015, 115, 257001. | 2.9 | 68 |
| 34 | Design of a Mott Multiferroic from a Nonmagnetic Polar Metal. Physical Review Letters, 2015, 115, 087202. | 2.9 | 64 |
| 35 | Emergent $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle D \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 6 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ symmetry in fully relaxed magic-angle twisted bilayer graphene. Physical Review B, 2018, 98, . | 4.1 | 63 |
| 36 | Temperature Dependence of the Optical Spectral Weight in the Cuprates: Role of Electron Correlations. Physical Review Letters, 2005, 95, 097002. | 2.9 | 62 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Strong correlations, strong coupling, and s -wave superconductivity in hole-doped BaFe_2As_2 crystals. Physical Review B, 2016, 94, . | 1.1 | 61 |
| 38 | Witnessing the formation and relaxation of dressed quasi-particles in a strongly correlated electron system. Nature Communications, 2014, 5, 5112. | 5.8 | 58 |
| 39 | Dual nature of the ferroelectric and metallic state in LiOsO_3 . Physical Review B, 2014, 90, . | 1.1 | 57 |
| 40 | Approach to a stationary state in a driven Hubbard model coupled to a thermostat. Physical Review B, 2012, 86, . | 1.1 | 56 |
| 41 | Electron-Phonon Interaction and Antiferromagnetic Correlations. Physical Review Letters, 2006, 97, 046404. | 2.9 | 55 |
| 42 | Kekulé textures, pseudospin-one Dirac cones, and quadratic band crossings in a graphene-hexagonal indium chalcogenide bilayer. Physical Review B, 2015, 91, . | 1.1 | 55 |
| 43 | Spatially homogeneous ground state of the two-dimensional Hubbard model. Physical Review B, 2000, 62, 12700-12706. | 1.1 | 52 |
| 44 | Nematicity at the Hund's metal crossover in iron superconductors. Physical Review B, 2017, 95, . | 1.1 | 51 |
| 45 | Theory of the metal-nonmagnetic Mott-Jahn-Teller insulator transition in $\text{A}_4\text{C}_6\text{O}$. Physical Review B, 2000, 62, 7619-7624. | 1.1 | 49 |
| 46 | Field-Driven Mott Gap Collapse and Resistive Switch in Correlated Insulators. Physical Review Letters, 2016, 117, 176401. | 2.9 | 48 |
| 47 | The small-polaron crossover: Comparison between exact results and vertex correction approximation. Europhysics Letters, 1998, 42, 523-528. | 0.7 | 47 |
| 48 | Mott metal-insulator transition in the half-filled Hubbard model on the triangular lattice. Physical Review B, 2001, 63, . | 1.1 | 47 |
| 49 | Correlation strength, gaps, and particle-hole asymmetry in high- T_c cuprates: A dynamical mean field study of the three-band copper-oxide model. Physical Review B, 2009, 80, . | 1.1 | 46 |
| 50 | Exotic s -wave superconductivity in alkali-doped fullerides. Journal of Physics Condensed Matter, 2016, 28, 153001. | 0.7 | 46 |
| 51 | Genesis of Coexisting Itinerant and Localized Electrons in IronPnictides . Journal of Superconductivity and Novel Magnetism, 2009, 22, 535-538. | 0.8 | 44 |
| 52 | Signature of antiferromagnetic long-range order in the optical spectrum of strongly correlated electron systems. Physical Review B, 2012, 85, . | 1.1 | 43 |
| 53 | Microscopic Origin of Large Negative Magnetoelectric Coupling in Sr_2IrO_7 . Physical Review Letters, 2012, 109, 107601. | 2.9 | 42 |
| 54 | Strong correlation effects on topological quantum phase transitions in three dimensions. Physical Review B, 2016, 93, . | 1.1 | 38 |

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| 55 | Quantum Interference Assisted Spin Filtering in Graphene Nanoflakes. Nano Letters, 2018, 18, 2158-2164. | 4.5 | 38 |
| 56 | Charge Disproportionation, Mixed Valence, and Janus Effect in Multiorbital Systems: A Tale of Two Insulators. Physical Review Letters, 2019, 122, 186401. | 2.9 | 38 |
| 57 | Relevance of phonon dynamics in strongly correlated systems coupled to phonons: Dynamical mean-field theory analysis. Physical Review B, 2006, 73, . | 1.1 | 37 |
| 58 | Direct Transition between a Singlet Mott Insulator and a Superconductor. Physical Review Letters, 2001, 86, 5361-5364. | 2.9 | 36 |
| 59 | Multiple gaps and superfluid density from interband pairing in a four-band model of the iron oxypnictides. Physical Review B, 2008, 78, . | 1.1 | 36 |
| 60 | Single-boson exchange decomposition of the vertex function. Physical Review B, 2019, 100, . | 1.1 | 36 |
| 61 | Photo-enhanced antinodal conductivity in the pseudogap state of high-Tc cuprates. Nature Communications, 2014, 5, 4353. | 5.8 | 35 |
| 62 | Competing superfluid and density-wave ground-states of fermionic mixtures with mass imbalance in optical lattices. Physical Review B, 2007, 76, . | 1.1 | 34 |
| 63 | Phase separation in the two-dimensional Hubbard model: A fixed-node quantum Monte Carlo study. Physical Review B, 1998, 58, R14685-R14688. | 1.1 | 31 |
| 64 | Edge state reconstruction from strong correlations in quantum spin Hall insulators. Physical Review B, 2017, 95, . | 1.1 | 31 |
| 65 | Electronic correlations in the ferroelectric metallic state of LiOsO_3 . Physical Review B, 2016, 93, . | | |
| 66 | Phonon softening and dispersion in the 1D Holstein model of spinless fermions. European Physical Journal B, 2005, 44, 175-181. | 0.6 | 28 |
| 67 | Dynamical mean field theory of polarons and bipolarons in the half-filled Holstein model. Physical Review B, 2006, 74, . | 1.1 | 28 |
| 68 | Polarized Superfluidity in the Attractive Hubbard Model with Population Imbalance. Physical Review Letters, 2008, 101, 236405. | 2.9 | 28 |
| 69 | Kinks in the Electronic Specific Heat. Physical Review Letters, 2009, 102, 076402. | 2.9 | 28 |
| 70 | Electron-Phonon Interaction in Strongly Correlated Systems. Advances in Condensed Matter Physics, 2010, 2010, 1-18. | 0.4 | 28 |
| 71 | Polaronic and Nonadiabatic Phase Diagram from Anomalous Isotope Effects. Physical Review Letters, 2005, 94, 036406. | 2.9 | 27 |
| 72 | Theory of chiral edge state lasing in a two-dimensional topological system. Physical Review Research, 2019, 1, . | 1.3 | 27 |

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| 73 | Rotationally invariant slave bosons for strongly correlated superconductors. Physical Review B, 2009, 80, . | 1.1 | 26 |
| 74 | Boson-exchange parquet solver for dual fermions. Physical Review B, 2020, 102, . | 1.1 | 26 |
| 75 | Polaron formation for nonlocal electron-phonon coupling: A variational wave-function study. Physical Review B, 2004, 69, . | 1.1 | 25 |
| 76 | Mott transition of fermionic mixtures with mass imbalance in optical lattices. Physical Review A, 2012, 85, . | 1.0 | 25 |
| 77 | Electronic transport and dynamics in correlated heterostructures. Physical Review B, 2015, 91, . | 1.1 | 25 |
| 78 | Dynamical vertex approximation for the attractive Hubbard model. Physical Review B, 2019, 99, . | 1.1 | 25 |
| 79 | Exciton Mott transition revisited. Physical Review Materials, 2019, 3, . | 0.9 | 25 |
| 80 | Evidence of Mott physics in iron pnictides from x-ray spectroscopy. Physical Review B, 2017, 96, . | 1.1 | 24 |
| 81 | Augmented hybrid exact-diagonalization solver for dynamical mean field theory. Physical Review B, 2012, 86, . | 1.1 | 23 |
| 82 | Effective magnetic correlations in hole-doped graphene nanoflakes. Physical Review B, 2016, 94, . | 1.1 | 23 |
| 83 | Doping-driven metal-insulator transitions and charge orderings in the extended Hubbard model. Physical Review B, 2017, 95, . | 1.1 | 23 |
| 84 | Localized vibrations in superconducting $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. Physical Review B, 2017, 95, . | 1.1 | 23 |
| 85 | Dynamics of correlation-frozen antinodal quasiparticles in superconducting cuprates. Science Advances, 2018, 4, eaar1998. | 4.7 | 23 |
| 86 | Finite-temperature Gutzwiller approximation and the phase diagram of a toy model for V_2O_3 . Physical Review B, 2013, 87, . | 1.1 | 22 |
| 87 | Chromium analogs of iron-based superconductors. Physical Review B, 2017, 95, . | 1.1 | 22 |
| 88 | Interaction-resistant metals in multicomponent Fermi systems. Physical Review B, 2021, 103, . | 1.1 | 21 |
| 89 | Stabilization of A-type layered antiferromagnetic phase in LaMnO_3 by cooperative Jahn-Teller deformations. European Physical Journal B, 2000, 17, 103-109. | 0.6 | 20 |
| 90 | Linear-response dynamics from the time-dependent Gutzwiller approximation. New Journal of Physics, 2013, 15, 053050. | 1.2 | 20 |

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|-----|--|-----|-----------|
| 91 | Correlation-driven electronic multiferroicity in $\text{La}_{2-x}\text{Ca}_x\text{MnO}_3$ organic crystals. <i>Physical Review B</i> , 2015, 91, . | 1.1 | 20 |
| 92 | Interplay between destructive quantum interference and symmetry-breaking phenomena in graphene quantum junctions. <i>Physical Review B</i> , 2019, 100, . | 1.1 | 20 |
| 93 | Two-particle Fermi liquid parameters at the Mott transition: Vertex divergences, Landau parameters, and incoherent response in dynamical mean-field theory. <i>Physical Review B</i> , 2019, 99, . | 1.1 | 20 |
| 94 | Small polaron formation in many-particle states of the Hubbard-Holstein model: The one-dimensional case. <i>European Physical Journal B</i> , 1999, 11, 551. | 0.6 | 20 |
| 95 | Interplay between spin and phonon fluctuations in the double-exchange model for the manganites. <i>Physical Review B</i> , 2002, 65, . | 1.1 | 19 |
| 96 | High-Temperature Optical Spectral Weight and Fermi-liquid Renormalization in Bi-Based Cuprate Superconductors. <i>Physical Review Letters</i> , 2010, 105, 077002. | 2.9 | 19 |
| 97 | Mottness at finite doping and charge instabilities in cuprates. <i>Nature Physics</i> , 2017, 13, 806-811. | 6.5 | 19 |
| 98 | Finite-density corrections to the unitary Fermi gas: A lattice perspective from dynamical mean-field theory. <i>Physical Review B</i> , 2010, 81, . | 1.1 | 18 |
| 99 | Selective insulators and anomalous responses in three-component fermionic gases with broken SU(3) symmetry. <i>Physical Review A</i> , 2018, 98, . | 1.0 | 18 |
| 100 | $\text{La}_{2-x}\text{Ca}_x\text{MnO}_3$ Gutzwiller scheme for electrons and phonons: The half-filled Hubbard-Holstein model. <i>Physical Review B</i> , 2008, 77, . | 1.1 | 17 |
| 101 | Pressure induced magnetic phase separation in $\text{La}_{0.75}\text{Ca}_{0.25}\text{MnO}_3$ manganite. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 045601. | 1.1 | 16 |
| 102 | Inhomogeneous BCS-BEC crossover for trapped cold atoms in optical lattices. <i>Physical Review A</i> , 2014, 89, . | 1.0 | 16 |
| 103 | High-pressure phase diagram in the manganites: a two-site model study. <i>New Journal of Physics</i> , 2006, 8, 3-3. | 1.2 | 15 |
| 104 | Coexistence of metallic edge states and antiferromagnetic ordering in correlated topological insulators. <i>Physical Review B</i> , 2018, 98, . | 1.1 | 15 |
| 105 | Isotope effects in the Hubbard-Holstein model within dynamical mean-field theory. <i>Physical Review B</i> , 2006, 74, . | 1.1 | 14 |
| 106 | Optical sum rule anomalies in the cuprates: Interplay between strong correlation and electronic band structure. <i>Physical Review B</i> , 2008, 77, . | 1.1 | 14 |
| 107 | Downfolding electron-phonon Hamiltonians from <i>ab initio</i> calculations: Application to K_3C_{60} . <i>Physical Review B</i> , 2014, 90, . | 1.1 | 14 |
| 108 | | | |

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|-----|---|------|-----------|
| 127 | Orbital-selective metals. Nature Materials, 2018, 17, 855-856. | 13.3 | 10 |
| 128 | Osmates on the Verge of a Hund's-Mott Transition: The Different Fates of NaOsO_3 and LiOsO_3 . Physical Review Letters, 2020, 125, 166402. | 2.9 | 10 |
| 129 | Competitive effects on the high-pressure phase diagram of manganites. Physica Status Solidi (B): Basic Research, 2004, 241, 3381-3386. | 0.7 | 9 |
| 130 | Path to poor coherence in the periodic Anderson model from Mott physics and hybridization. Physical Review B, 2012, 85, . | 1.1 | 9 |
| 131 | Antiferromagnetic integer-spin chains in a staggered magnetic field: Approaching the thermodynamic limit through the infinite-size density-matrix renormalization group. Physical Review B, 2001, 64, . | 1.1 | 8 |
| 132 | Metallic surface of a bipolaronic insulator. Physical Review B, 2010, 82, . | 1.1 | 8 |
| 133 | Electronic Correlations Stabilize the Antiferromagnetic Mott State in CsMnO_3 . Physical Review Letters, 2012, 109, 166404. | 2.9 | 8 |
| 134 | Cooperative effects of Jahn-Teller distortion, magnetism, and Hund's coupling in the insulating phase of BaCrO_3 . Physical Review B, 2014, 90, . | 1.1 | 8 |
| 135 | Spatial and spectral mode-selection effects in topological lasers with frequency-dependent gain. APL Photonics, 2021, 6, . | 3.0 | 8 |
| 136 | Modeling Many-Body Physics with Slave-Spin Mean-Field: Mott and Hund's Physics in Fe-Superconductors. Springer Series in Solid-state Sciences, 2017, , 115-185. | 0.3 | 8 |
| 137 | Mott transitions with partially filled correlated orbitals. Europhysics Letters, 2017, 118, 17004. | 0.7 | 7 |
| 138 | Rashba-metal to Mott-insulator transition. Physical Review B, 2020, 101, . | 1.1 | 7 |
| 139 | Thermal dynamics and electronic temperature waves in layered correlated materials. Nature Communications, 2021, 12, 6904. | 5.8 | 7 |
| 140 | COMMENSURATE VERSUS INCOMMENSURATE SPIN-ORDERING IN THE TRIANGULAR HUBBARD MODEL. International Journal of Modern Physics B, 2000, 14, 3386-3391. | 1.0 | 6 |
| 141 | Impurity dephasing in a Bose-Hubbard model. New Journal of Physics, 2021, 23, 033018. | 1.2 | 6 |
| 142 | Signatures of self-trapping in the driven-dissipative Bose-Hubbard dimer. New Journal of Physics, 2021, 23, 063056. | 1.2 | 6 |
| 143 | Electron-phonon interaction on bundled structures: Static and transport properties. Physical Review B, 2000, 63, . | 1.1 | 5 |
| 144 | Interplay between electron correlations and polar displacements in metallic $\text{SrEuMo}_2\text{O}_6$. Physical Review B, 2016, 93, . | 1.1 | 5 |

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|-----|--|-----|-----------|
| 145 | Atomic-scale distortions and temperature-dependent large pseudogap in thin films of the parent iron-chalcogenide superconductor Fe_{1+y}Te . <i>Journal of Physics Condensed Matter</i> , 2017, 29, 485002. | 0.7 | 5 |
| 146 | Pauli metallic ground state in Hubbard clusters with Rashba spin-orbit coupling. <i>Physical Review B</i> , 2018, 97, . | 1.1 | 5 |
| 147 | Pairing and polarization in electron-boson systems with retarded interactions via dynamical mean-field theory. <i>Physical Review B</i> , 2006, 73, . | 1.1 | 4 |
| 148 | Cluster dynamical mean-field methods for d-wave superconductors: Role of geometry. <i>Physical Review B</i> , 2009, 79, . | 1.1 | 4 |
| 149 | Kinks: Fingerprints of strong electronic correlations. <i>Journal of Physics: Conference Series</i> , 2010, 200, 012207. | 0.3 | 4 |
| 150 | Possible secondary component of the order parameter observed in London penetration depth measurements. <i>Physical Review B</i> , 2010, 82, . | 1.1 | 4 |
| 151 | Dynamical mean-field theory description of the voltage-induced transition in a nonequilibrium superconductor. <i>Physical Review B</i> , 2016, 93, . | 1.1 | 4 |
| 152 | Electrodynamical properties of an artificial heterostructured superconducting cuprate. <i>Physical Review B</i> , 2018, 97, . | 1.1 | 4 |
| 153 | Inducing and controlling magnetism in the honeycomb lattice through a harmonic trapping potential. <i>Physical Review A</i> , 2020, 101, . | 1.0 | 4 |
| 154 | Steady-state quantum Zeno effect of driven-dissipative bosons with dynamical mean-field theory. <i>Physical Review A</i> , 2022, 106, . | 1.0 | 4 |
| 155 | Small Polaron Formation in Strongly Correlated Electronic Systems. <i>Journal of Superconductivity and Novel Magnetism</i> , 1999, 12, 75-77. | 0.5 | 3 |
| 156 | Superconductivity from strong correlation: direct transition between a non-degenerate Mott insulator and a superconductor. <i>Journal of Physics and Chemistry of Solids</i> , 2002, 63, 1555-1558. | 1.9 | 3 |
| 157 | Cellular-dynamical mean-field theory of the competition between antiferromagnetism and d-wave superconductivity in the two-dimensional Hubbard model. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 529-531. | 1.0 | 3 |
| 158 | Correlation-driven Lifshitz transition and orbital order in a two-band Hubbard model. <i>Physical Review B</i> , 2018, 98, . | 1.1 | 3 |
| 159 | Interface and bulk superconductivity in superconducting heterostructures with enhanced critical temperatures. <i>Physical Review B</i> , 2021, 103, . | 1.1 | 3 |
| 160 | Photoinduced long-lived state in $\text{FeSe}_{0.4}\text{Te}_{0.6}$. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2021, 250, 147090. | 0.8 | 3 |
| 161 | TIME REVERSAL BREAKING SUPERCONDUCTING STATE IN THE PHASE DIAGRAM OF THE CUPRATES. <i>International Journal of Modern Physics B</i> , 2003, 17, 614-620. | 1.0 | 2 |
| 162 | DFT and TB study of the geometry of hydrogen adsorbed on graphynes. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 385301. | 0.7 | 2 |

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| 163 | Embedding dynamical mean-field theory for superconductivity in layered materials and heterostructures. <i>Physical Review B</i> , 2016, 93, . | 1.1 | 2 |
| 164 | Momentum-dependent relaxation dynamics of the doped repulsive Hubbard model. <i>Physical Review B</i> , 2019, 99, . | 1.1 | 2 |
| 165 | Ultrafast orbital manipulation and Mott physics in multi-band correlated materials. , 2018, , . | | 2 |
| 166 | Role of electron-lattice interactions in determining the magnetic structure of insulating manganites. <i>European Physical Journal Special Topics</i> , 1999, 09, Pr10-335-Pr10-336. | 0.2 | 1 |
| 167 | Electron-phonon interaction in proximity of a Mott transition. <i>Physica B: Condensed Matter</i> , 2005, 359-361, 636-638. | 1.3 | 1 |
| 168 | Polaron formation in cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 263-266. | 0.6 | 1 |
| 169 | Toschiet-Reply. <i>Physical Review Letters</i> , 2010, 104, . | 2.9 | 1 |
| 170 | Slave-spin-1 formulation: A simple approach to time-dependent transport through an interacting two-level system. <i>Physical Review B</i> , 2020, 101, . | 1.1 | 1 |
| 171 | Motion of an impurity in a two-leg ladder. <i>Physical Review B</i> , 2021, 103, . | 1.1 | 1 |
| 172 | Mimicking Multiorbital Systems with SU(N) Atoms: Hund's Physics and Beyond. <i>Condensed Matter</i> , 2022, 7, 18. | 0.8 | 1 |
| 173 | INTERPLAY OF STRONG CORRELATION AND JAHN-TELLER EFFECT IN ORBITALLY DEGENERATE SYSTEMS. <i>International Journal of Modern Physics B</i> , 2000, 14, 3380-3385. | 1.0 | 0 |
| 174 | FIRST-ORDER PAIRING TRANSITION AND PHASE SEPARATION IN THE ATTRACTIVE HUBBARD MODEL. <i>International Journal of Modern Physics B</i> , 2003, 17, 590-596. | 1.0 | 0 |
| 175 | Enhancement of superconductivity close to a Mott transition. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E133-E134. | 1.0 | 0 |
| 176 | The effects of the electron-phonon interaction on a Mott insulator. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E301-E302. | 1.0 | 0 |
| 177 | Polaron crossover and bipolaronic metal-insulator transition in the half-filled Holstein model. <i>Physica B: Condensed Matter</i> , 2005, 359-361, 813-815. | 1.3 | 0 |
| 178 | Publisher's Note: Electron-Phonon Interaction and Antiferromagnetic Correlations [Phys. Rev. Lett.97, 046404 (2006)]. <i>Physical Review Letters</i> , 2006, 97, . | 2.9 | 0 |
| 179 | Optical spectral weight anomalies and strong correlation. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 1045-1046. | 0.6 | 0 |
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