

Vivaldo L Campo

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

699
citations

759233

12
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

627
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Approximate expression for the ground-state energy of the two- and three-dimensional Hubbard model at arbitrary filling obtained from dimensional scaling. Journal of Physics Condensed Matter, 2019, 31, 455601. | 1.8 | 2 |
| 2 | Majorana oscillations modulated by Fano interference and degree of nonlocality in a topological superconducting-nanowire quantum-dot system. Physical Review B, 2018, 98, . | 3.2 | 32 |
| 3 | Isolating Majorana fermions with finite Kitaev nanowires and temperature: Universality of the zero-bias conductance. Physical Review B, 2017, 96, . | 3.2 | 7 |
| 4 | Density-functional-theory approach to the thermodynamics of the harmonically confined one-dimensional Hubbard model. Physical Review A, 2015, 92, . | 2.5 | 10 |
| 5 | Density functionals and model Hamiltonians: Pillars of many-particle physics. Physics Reports, 2013, 528, 91-159. | 25.6 | 77 |
| 6 | Thermal versus quantum fluctuations of optical-lattice fermions. Physical Review A, 2012, 85, . | 2.5 | 6 |
| 7 | Aharonov-Bohm Interference in Neutral Excitons: Effects of Built-In Electric Fields. Physical Review Letters, 2010, 104, 086401. | 7.8 | 80 |
| 8 | Extended DFT U / V method with on-site and inter-site electronic interactions. Journal of Physics Condensed Matter, 2010, 22, 055602. | 1.8 | 119 |
| 9 | Possible critical behavior driven by the confining potential in optical lattices with ultra-cold fermions. Physica B: Condensed Matter, 2009, 404, 3328-3331. | 2.7 | 4 |
| 10 | Exciton Storage in a Nanoscale Aharonov-Bohm Ring with Electric Field Tuning. Physical Review Letters, 2009, 102, 096405. | 7.8 | 53 |
| 11 | Friedel oscillations in one-dimensional metals: From Luttinger's theorem to the Luttinger liquid. Journal of Magnetism and Magnetic Materials, 2008, 320, e418-e420. | 2.3 | 13 |
| 12 | Electron in a tangled chain: Multifractality at the small-world critical point. Physical Review B, 2007, 75, . | 3.2 | 7 |
| 13 | Quantitative Determination of the Hubbard Model Phase Diagram from Optical Lattice Experiments by Two-Parameter Scaling. Physical Review Letters, 2007, 99, 240403. | 7.8 | 16 |
| 14 | Luther-Emery Phase and Atomic-Density Waves in a Trapped Fermion Gas. Physical Review Letters, 2007, 98, 030404. | 7.8 | 47 |
| 15 | Bethe ansatz density-functional theory of ultracold repulsive fermions in one-dimensional optical lattices. Physical Review B, 2006, 73, . | 3.2 | 81 |
| 16 | Phase diagram of harmonically confined one-dimensional fermions with attractive and repulsive interactions. Physical Review A, 2005, 72, . | 2.5 | 32 |
| 17 | Alternative discretization in the numerical renormalization-group method. Physical Review B, 2005, 72, . | 3.2 | 93 |
| 18 | Thermodynamics for the two-impurity Kondo model. Physical Review B, 2004, 70, . | 3.2 | 14 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Renormalization-group approach to the problem of conduction through a nanostructure. Physical Review B, 2003, 68, . | 3.2 | 6 |