Arghavan Safavi-Naini

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4829428/publications.pdf

Version: 2024-02-01

| | 933447 | | 1058476 | |
|----------|----------------|--------------|----------------|--|
| 15 | 745 | 10 | 14 | |
| papers | citations | h-index | g-index | |
| | | | | |
| | | | | |
| 1 5 | 1.5 | 1.5 | 1110 | |
| 15 | 15 | 15 | 1119 | |
| all docs | docs citations | times ranked | citing authors | |
| | | | | |

| # | Article | IF | CITATIONS |
|----|--|--------------------------|---------------|
| 1 | Measuring out-of-time-order correlations and multiple quantum spectra in a trapped-ion quantum magnet. Nature Physics, 2017, 13, 781-786. | 16.7 | 421 |
| 2 | Dynamics of interacting fermions under spin–orbit coupling in an optical lattice clock. Nature Physics, 2018, 14, 399-404. | 16.7 | 53 |
| 3 | Near Ground-State Cooling of Two-Dimensional Trapped-lon Crystals with More than 100 lons. Physical Review Letters, 2019, 122, 053603. | 7.8 | 53 |
| 4 | Doublon dynamics and polar molecule production in an optical lattice. Nature Communications, 2016, 7, 11279. | 12.8 | 42 |
| 5 | Simulating generic spin-boson models with matrix product states. Physical Review A, 2016, 94, . | 2.5 | 36 |
| 6 | First-Order Phase Transitions in Optical Lattices with Tunable Three-Body Onsite Interaction. Physical Review Letters, 2012, 109, 135302. | 7.8 | 31 |
| 7 | Nonequilibrium dynamics of spin-boson models from phase-space methods. Physical Review A, 2017, 96, . | 2.5 | 30 |
| 8 | Boson-mediated quantum spin simulators in transverse fields: <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>X</mml:mi><mml:mi>Y</mml:mi> model and spin-boson entanglement. Physical Review A, 2017, 95, .</mml:mrow></mml:math> | > <b 220 5 511:mr | :ow 27 |
| 9 | Equilibrium phases of tilted dipolar lattice bosons. New Journal of Physics, 2015, 17, 123014. | 2.9 | 17 |
| 10 | Modeling near ground-state cooling of two-dimensional ion crystals in a Penning trap using electromagnetically induced transparency. Physical Review A, 2019, 99, . | 2.5 | 13 |
| 11 | Dynamics of an itinerant spin-3 atomic dipolar gas in an optical lattice. Physical Review A, 2019, 100, . | 2.5 | 9 |
| 12 | Multiworm algorithm quantum Monte Carlo. Physica Scripta, 2018, 93, 105402. | 2.5 | 5 |
| 13 | Doublon dynamics of Bose-Fermi mixtures in optical lattices. Physical Review A, 2019, 100, . | 2.5 | 5 |
| 14 | Quasi-molecular bosonic complexes-a pathway to SQUID with controlled sensitivity. New Journal of Physics, 2016, 18, 025017. | 2.9 | 3 |
| 15 | Electric-field noise and carbon diffusion on Au(110). Journal of Physics: Conference Series, 2017, 875, 112013. | 0.4 | 0 |