

Fuxiang Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7205165/publications.pdf>

Version: 2024-02-01

37
papers

641
citations

623734

14
h-index

580821

25
g-index

37
all docs

37
docs citations

37
times ranked

780
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Gapped Dirac semimetal with mixed linear and parabolic dispersions. Physical Review B, 2021, 103, . | 3.2 | 5 |
| 2 | Phase diagram and orbital Chern insulator in twisted double bilayer graphene. Physical Review B, 2021, 103, . | 3.2 | 11 |
| 3 | High Chern number phase in topological insulator multilayer structures. Physical Review B, 2021, 104, . | 3.2 | 6 |
| 4 | Magnetotransport properties of chiral helimagnet Cr1/3NbS2 near phase transition. Journal of Alloys and Compounds, 2021, 892, 162122. | 5.5 | 1 |
| 5 | Emergent topology under slow nonadiabatic quantum dynamics. Physical Review A, 2020, 102, . | 2.5 | 14 |
| 6 | Phase diagram of the dynamics of a precessing qubit under a quantum measurement. Physical Review A, 2020, 101, . | 2.5 | 1 |
| 7 | Examining the validity of the two-dimensional conical model to describe the three-dimensional ZrTe5. Physical Review B, 2020, 101, . | 3.2 | 7 |
| 8 | Disorder and magnetoconductivity in tilted Weyl semimetals. Physical Review B, 2020, 101, . | 3.2 | 9 |
| 9 | Integrable multistate Landau-Zener models with parallel energy levels. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 295201. | 2.1 | 6 |
| 10 | Emergence of asymmetric fermionic order in interacting birefringent fermions. Physical Review B, 2019, 99, . | 3.2 | 1 |
| 11 | Quantum Annealing and Thermalization: Insights from Integrability. Physical Review Letters, 2018, 121, 190601. | 7.8 | 12 |
| 12 | Broadband Spectroscopy of Thermodynamic Magnetization Fluctuations through a Ferromagnetic Spin-Reorientation Transition. Physical Review X, 2018, 8, . | 8.9 | 10 |
| 13 | Repulsive Fermi gases in a two-dimensional lattice with non-Abelian gauge fields. Europhysics Letters, 2018, 123, 37001. | 2.0 | 3 |
| 14 | Interaction-induced phase transitions of type-II Weyl semimetals. Physical Review B, 2017, 96, . | 3.2 | 7 |
| 15 | Multistate Landau-Zener models with all levels crossing at one point. Physical Review A, 2017, 96, . | 2.5 | 16 |
| 16 | Controlling the Topological Sector of Magnetic Solitons in Exfoliated Crystals. Physical Review Letters, 2017, 118, 257203. | 7.8 | 54 |
| 17 | Optically-probing spin qubit coherence without coherent control (Conference Presentation). , 2017, , . | | 0 |
| 18 | Edge states and phase diagram for graphene under polarized light. Physica B: Condensed Matter, 2016, 492, 1-6. | 2.7 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Dynamic symmetries and quantum nonadiabatic transitions. <i>Chemical Physics</i> , 2016, 481, 28-33. | 1.9 | 6 |
| 20 | Higher-order spin-noise spectroscopy of atomic spins in fluctuating external fields. <i>Physical Review A</i> , 2016, 93, . | 2.5 | 11 |
| 21 | Solvable multistate model of Landau-Zener transitions in cavity QED. <i>Physical Review A</i> , 2016, 93, . | 2.5 | 36 |
| 22 | Universality in Higher Order Spin Noise Spectroscopy. <i>Physical Review Letters</i> , 2016, 116, 026601. | 7.8 | 13 |
| 23 | Quantum Effects in Higher-Order Correlators of a Quantum-Dot Spin Qubit. <i>Physical Review Letters</i> , 2016, 117, 027402. | 7.8 | 30 |
| 24 | The Valley-Degeneracy-Breaking Induced Arbitrary-Chern Number Insulator on Square Lattice and the Quantum Hall Effect. <i>Journal of the Physical Society of Japan</i> , 2015, 84, 024604. | 1.6 | 3 |
| 25 | Three-stage decoherence dynamics of an electron spin qubit in an optically active quantum dot. <i>Nature Physics</i> , 2015, 11, 1005-1008. | 16.7 | 96 |
| 26 | Quantum Zeno effect as a topological phase transition in full counting statistics and spin noise spectroscopy. <i>Europhysics Letters</i> , 2014, 105, 27001. | 2.0 | 19 |
| 27 | Quantum Hall effect of Haldane model under magnetic field. <i>Europhysics Letters</i> , 2014, 105, 17002. | 2.0 | 15 |
| 28 | Detecting the Anomalous Quantum Hall phase under magnetic field. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014, 378, 2245-2250. | 2.1 | 1 |
| 29 | Nonequilibrium Spin Noise Spectroscopy. <i>Physical Review Letters</i> , 2013, 111, 067201. | 7.8 | 25 |
| 30 | Scale invariance of a diodelike tunnel junction. <i>Physical Review B</i> , 2013, 87, . | 3.2 | 34 |
| 31 | Higher-order spin noise statistics. <i>New Journal of Physics</i> , 2013, 15, 113038. | 2.9 | 19 |
| 32 | Phase Diagram for Magnon Condensate in Yttrium Iron Garnet Film. <i>Scientific Reports</i> , 2013, 3, 1372. | 3.3 | 36 |
| 33 | Optically engineering the topological properties in a two-dimensional square lattice. <i>Europhysics Letters</i> , 2012, 99, 47007. | 2.0 | 12 |
| 34 | Vortex Domain Walls in Helical Magnets. <i>Physical Review Letters</i> , 2012, 108, 107203. | 7.8 | 38 |
| 35 | Spin transport in magnetic graphene superlattices. <i>European Physical Journal B</i> , 2008, 66, 245-250. | 1.5 | 50 |
| 36 | Extended Haldane's model and its simulation with ultracold atoms. <i>Europhysics Letters</i> , 2008, 84, 60004. | 2.0 | 19 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Simulation of the quantum Hall effect in a staggered modulated magnetic field with ultracold atoms. Physical Review A, 2008, 78, . | 2.5 | 9 |