

Zhen-Guo Fu

List of Publications by Year in descending order

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46
all docs

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docs citations

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times ranked

430
citing authors

#	ARTICLE	IF	CITATIONS
19	Spin Seebeck Effect in a Multiple Quantum Dot Molecule with Spin-Dependent Interdot Coupling. Journal of Low Temperature Physics, 2019, 194, 235-245.	1.4	7
20	Doping stability and charge-density-wave transition of strained 1T-TiSe ₂ . Europhysics Letters, 2017, 120, 17006.	2.0	6
21	Selective trapping of hexagonally warped topological surface states in a triangular quantum corral. Science Advances, 2019, 5, eaaw3988.	10.3	6
22	First-principles method for x-ray Thomson scattering including both elastic and inelastic features in warm dense matter. Physical Review B, 2020, 102, .	3.2	6
23	Anisotropic Fabry-Pérot resonant states confined within nano-steps on the topological insulator surface. Scientific Reports, 2014, 4, 5544.	3.3	5
24	Spin-Polarized Transport and Spin Seebeck Effect in Triple Quantum Dots with Spin-Dependent Interdot Couplings. Nanoscale Research Letters, 2018, 13, 358.	5.7	5
25	Stopping power of hot dense deuterium-tritium plasmas mixed with impurities to charged particles. Physical Review E, 2020, 101, 053209.	2.1	5
26	Multiple scattering theory of quasiparticles on a topological insulator surface. Applied Physics Letters, 2011, 99, 232109.	3.3	4
27	Theory of multiple magnetic scattering for quasiparticles on a gapless topological insulator surface. Physical Review B, 2012, 85, .	3.2	4
28	Magnetoexcitons and optical absorption of bilayer-structured topological insulators. Applied Physics Letters, 2012, 100, 161602.	3.3	4
29	Quantum Interference Effects in Quantum Dot Molecular With Majorana Bound States. Frontiers in Physics, 2021, 8, .	2.1	4
30	Molecular dynamics investigation of the stopping power of warm dense hydrogen for electrons. Physical Review E, 2021, 103, 063215.	2.1	4
31	Fractional quantum Hall effect of topological surface states under a strong tilted magnetic field. Europhysics Letters, 2013, 103, 27001.	2.0	3
32	Probing crossover from analogous weak antilocalization to localization by an Aharonov-Bohm interferometer on topological insulator surface. Applied Physics Letters, 2012, 100, 133103.	3.3	2
33	Orbital magnetization of the electron gas on a two-dimensional kagomé lattice under a perpendicular magnetic field. Science China: Physics, Mechanics and Astronomy, 2012, 55, 1791-1797.	5.1	2
34	Spin Seebeck Effect in a Hybridized Quantum-Dot/Majorana-Nanowire With Spin Heat Accumulation. Frontiers in Physics, 2021, 9, .	2.1	2
35	Multiple scattering theory for massive Dirac fermions on the topological insulator surface with a strong warping effect. Physical Review B, 2013, 88, .	3.2	1
36	Pseudomagnetoexcitons in strained graphene bilayers without external magnetic fields. Physical Review B, 2013, 87, .	3.2	1

#	ARTICLE	IF	CITATIONS
37	Enhanced spin-dependent thermopower in a double-quantum-dot sandwiched between two-dimensional electron gases*. Chinese Physics B, 2019, 28, 107305.	1.4	1
38	Thermoelectric Transport in a Double-Quantum-Dot Coupled to Majorana Zero Modes. Journal of Nanoelectronics and Optoelectronics, 2021, 16, 753-761.	0.5	1
39	Superfluidity and effective mass of magnetoexcitons in topological insulator bilayers: Effect of inter-Landau-level Coulomb interaction. Europhysics Letters, 2012, 98, 47002.	2.0	0
40	The effect of the warping term on the fractional quantum Hall states in topological insulators. Progress of Theoretical and Experimental Physics, 2013, 2013, .	6.6	0
41	Dirac electron-hole pairing gap in the heterostructure of ultra-thin films of topological insulator bilayer. Europhysics Letters, 2015, 110, 57002.	2.0	0
42	Energy loss of tens keV charged particles traveling in the hot dense carbon plasma. Science China: Physics, Mechanics and Astronomy, 2016, 59, 1.	5.1	0
43	Nuclear-plus-interference-scattering effect on the energy deposition of multi-MeV protons in a dense Be plasma. Physical Review E, 2016, 94, 033205.	2.1	0
44	Mean-field state population study for iron-based superconductors. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 808-812.	2.1	0
45	Increase in Axial Compressibility in a Spinning Van der Waals Gas. Entropy, 2021, 23, 137.	2.2	0
46	Prediction of semiconducting ferromagnetic CrVI(6) monolayer. Europhysics Letters, 0, , .	2.0	0