

Guo-Hui Ding

List of Publications by Year in descending order

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32
papers

270
citations

1163117

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940533

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32
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32
docs citations

32
times ranked

239
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Thermoelectric effect in a single molecular junction with a vibrational mode. Journal of Physics Condensed Matter, 2021, 33, 475302. | 1.8 | 0 |
| 2 | Tunneling modes induced by interface states in 1D photonic crystals with single negative materials. Journal of Applied Physics, 2020, 127, 213104. | 2.5 | 3 |
| 3 | On the competition between the Kondo effect and the exchange interaction in a parallel double quantum dot system. Journal of Physics Condensed Matter, 2019, 31, 275301. | 1.8 | 1 |
| 4 | Transient currents of a single molecular junction with a vibrational mode. Journal of Physics Condensed Matter, 2016, 28, 065301. | 1.8 | 7 |
| 5 | Charge transport and ac response under light illumination in gate-modulated DNA molecular junctions. Nanotechnology, 2015, 26, 205201. | 2.6 | 2 |
| 6 | Negative differential conductance and hysteretic current switching of benzene molecular junction in a transverse electric field. Nanotechnology, 2014, 25, 465202. | 2.6 | 8 |
| 7 | The Edge Magnetization and Strip Phase of Graphene Quantum Dots with Long-Range Coulomb Interaction. Chinese Physics Letters, 2014, 31, 047303. | 3.3 | 0 |
| 8 | Current Noise and AC Response of a Back-Gated Single-Molecule Junction. IEEE Transactions on Electron Devices, 2014, 61, 1168-1174. | 3.0 | 4 |
| 9 | Phonon effects on the current noise spectra and the ac conductance of a single molecular junction. Journal of Physics Condensed Matter, 2014, 26, 305301. | 1.8 | 4 |
| 10 | Finite-frequency current fluctuations and self-consistent perturbation theory for electron transport through a quantum dot. Physical Review B, 2013, 87, . | 3.2 | 10 |
| 11 | Gate modulation on angle-resolved photoabsorption spectra of zigzag-edge graphene nanoribbons. Journal of Applied Physics, 2013, 113, 103510. | 2.5 | 3 |
| 12 | The enhanced optical conductivity for zigzag-edge graphene nanoribbons with applied gate voltage. Applied Physics Letters, 2012, 100, 103101. | 3.3 | 11 |
| 13 | The optical conductivity of bilayer zigzag-edge graphene nanoribbons with external transverse electric fields. Journal of Physics Condensed Matter, 2012, 24, 355302. | 1.8 | 4 |
| 14 | Electron transport through the p-n junction of zigzag graphene nanoribbon with external transverse electric fields. Journal of Applied Physics, 2011, 110, 113710. | 2.5 | 5 |
| 15 | Spin-polarized electron transport through graphene nanoribbon with zigzag edges. Journal of Physics Condensed Matter, 2011, 23, 205304. | 1.8 | 8 |
| 16 | The exchange interaction effect in the scanning tunneling spectroscopy of a two-orbital Anderson impurity on metallic surface. European Physical Journal B, 2011, 81, 467-473. | 1.5 | 0 |
| 17 | Spin interference and the Fano effect in electron transport through a mesoscopic ring side-coupled with a quantum dot. Journal of Physics Condensed Matter, 2010, 22, 135301. | 1.8 | 2 |
| 18 | Quantum phase transition and underscreened Kondo effect in electron transport through parallel double quantum dots. Journal of Physics Condensed Matter, 2009, 21, 455303. | 1.8 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Spin-orbit coupling effect on persistent currents in a one-dimensional quantum ring with an Anderson impurity. Physical Review B, 2007, 76, . | 3.2 | 20 |
| 20 | Symmetry breaking states of Bose-Einstein condensates in 1D double square well and optical lattice well. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 344, 156-163. | 2.1 | 5 |
| 21 | Resonance-enhanced optical annealing of silicon nanowires. Physical Review B, 2005, 71, . | 3.2 | 21 |
| 22 | Fano resonance in electron transport through parallel double quantum dots in the Kondo regime. Physical Review B, 2005, 71, . | 3.2 | 80 |
| 23 | Numerical study of alternating quantum spin-chains. Physica A: Statistical Mechanics and Its Applications, 2003, 318, 414-422. | 2.6 | 0 |
| 24 | Persistent current in a mesoscopic ring coupled with a quantum dot. Physical Review B, 2003, 67, . | 3.2 | 21 |
| 25 | Dynamical properties of phonons in the XY spin chain coupled with lattices. Physical Review B, 2001, 64, . | 3.2 | 2 |
| 26 | Nonspreading coherent states for the hydrogen atom. Physical Review A, 2000, 62, . | 2.5 | 5 |
| 27 | An Impurity in One-Dimensional Interacting Fermion System. Communications in Theoretical Physics, 1997, 27, 293-296. | 2.5 | 0 |
| 28 | Shot noise in out-of equilibrium resonant tunneling through an Anderson impurity. Physical Review B, 1997, 56, R15521-R15524. | 3.2 | 30 |
| 29 | Variational Study of the Discrete sine-Gordon Model. Communications in Theoretical Physics, 1996, 25, 123-126. | 2.5 | 0 |
| 30 | Liquid-Gas Transition in the Ionic System. Chinese Physics Letters, 1996, 13, 500-503. | 3.3 | 2 |
| 31 | Phase transition in the lattice Coulomb gas. Physical Review B, 1995, 51, 12653-12657. | 3.2 | 3 |
| 32 | A discrete sine-Gordon model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 317, 107-111. | 4.1 | 0 |