

Liping Zou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1905358/publications.pdf>

Version: 2024-02-01

20
papers

445
citations

933447

10
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

316
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | General quantum-mechanical solution for twisted electrons in a uniform magnetic field. <i>Physical Review A</i> , 2021, 103, . | 2.5 | 7 |
| 2 | Electron-ion collider in China. <i>Frontiers of Physics</i> , 2021, 16, 1. | 5.0 | 208 |
| 3 | Exotic states in a holographic theory. <i>Nuclear and Particle Physics Proceedings</i> , 2021, 312-317, 135-139. | 0.5 | 9 |
| 4 | Revisiting the compatibility problem between the gauge principle and the observability of the canonical orbital angular momentum in the Landau problem. <i>Annals of Physics</i> , 2021, 434, 168647. | 2.8 | 5 |
| 5 | Role of guiding center in Landau level system and mechanical and pseudo orbital angular momenta. <i>International Journal of Modern Physics A</i> , 2020, 35, 2050096. | 1.5 | 6 |
| 6 | The physics of helical electron beam in a uniform magnetic field as a testing ground of gauge principle. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126415. | 2.1 | 10 |
| 7 | Paraxial wave function and Gouy phase for a relativistic electron in a uniform magnetic field. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2020, 47, 055003. | 3.6 | 8 |
| 8 | Fundamental operators in Dirac quantum mechanics. <i>Journal of Physics: Conference Series</i> , 2020, 1435, 012027. | 0.4 | 1 |
| 9 | Position and spin in relativistic quantum mechanics. <i>Physical Review A</i> , 2020, 101, . | 2.5 | 27 |
| 10 | Regularization of electroweak monopole by charge screening and BPS energy bound. <i>European Physical Journal C</i> , 2020, 80, 1. | 3.9 | 8 |
| 11 | Isoscalar mesons and exotic states in light front holographic QCD. <i>Physical Review D</i> , 2019, 99, . | 4.7 | 7 |
| 12 | Dynamics of an orbital polarization of twisted electron beams in electric and magnetic fields. <i>EPJ Web of Conferences</i> , 2019, 204, 10008. | 0.3 | 0 |
| 13 | Relativistic quantum-mechanical description of twisted paraxial electron and photon beams. <i>Physical Review A</i> , 2019, 100, . | 2.5 | 20 |
| 14 | Silenko, Zhang, and Zou Reply:. <i>Physical Review Letters</i> , 2019, 122, 159302. | 7.8 | 16 |
| 15 | Electric Quadrupole Moment and the Tensor Magnetic Polarizability of Twisted Electrons and a Potential for their Measurements. <i>Physical Review Letters</i> , 2019, 122, 063201. | 7.8 | 18 |
| 16 | Supersymmetry in the double-heavy hadronic spectrum. <i>Physical Review D</i> , 2018, 98, . | 4.7 | 21 |
| 17 | The role of electron orbital angular momentum in the Aharonov-Bohm effect revisited. <i>Annals of Physics</i> , 2018, 397, 259-277. | 2.8 | 10 |
| 18 | Relativistic Quantum Dynamics of Twisted Electron Beams in Arbitrary Electric and Magnetic Fields. <i>Physical Review Letters</i> , 2018, 121, 043202. | 7.8 | 29 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Manipulating Twisted Electron Beams. <i>Physical Review Letters</i> , 2017, 119, 243903. | 7.8 | 26 |
| 20 | Separability and dynamical symmetry of Quantum Dots. <i>Annals of Physics</i> , 2014, 341, 94-116. | 2.8 | 9 |