

Ajay Nath

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5402646/publications.pdf>

Version: 2024-02-01

6
papers

67
citations

1684188
5
h-index

1872680
6
g-index

6
all docs

6
docs citations

6
times ranked

9
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Bose-Einstein condensate in a bichromatic optical lattice: an exact analytical model. Laser Physics Letters, 2014, 11, 115501. | 1.4 | 18 |
| 2 | Dynamics of quantum droplets in an external harmonic confinement. Scientific Reports, 2022, 12, 6904. | 3.3 | 15 |
| 3 | Exact Analytical Model for Bose-Einstein Condensate at Negative Temperature. Scientific Reports, 2020, 10, 9016. | 3.3 | 13 |
| 4 | Soliton dynamics for an ingenious trap combination in a Bose-Einstein condensate. European Physical Journal D, 2020, 74, 1. | 1.3 | 10 |
| 5 | Synergy between the negative absolute temperature and the external trap for a Bose-Einstein condensate under optical lattices. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 427, 127922. | 2.1 | 9 |
| 6 | Formation of Matter-Wave Droplet Lattices in Multi-Color Periodic Confinements. Symmetry, 2022, 14, 963. | 2.2 | 2 |