

Robert J Bettles

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/571330/publications.pdf>

Version: 2024-02-01

9
papers

498
citations

1478505

6
h-index

1872680

6
g-index

10
all docs

10
docs citations

10
times ranked

340
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Enhanced Optical Cross Section via Collective Coupling of Atomic Dipoles in a 2D Array. Physical Review Letters, 2016, 116, 103602. | 7.8 | 169 |
| 2 | Topological properties of a dense atomic lattice gas. Physical Review A, 2017, 96, . | 2.5 | 81 |
| 3 | Cooperative ordering in lattices of interacting two-level dipoles. Physical Review A, 2015, 92, . | 2.5 | 71 |
| 4 | Absolute absorption on the rubidium D ₁ line including resonant dipole-dipole interactions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 195006. | 1.5 | 70 |
| 5 | Cooperative eigenmodes and scattering in one-dimensional atomic arrays. Physical Review A, 2016, 94, . | 2.5 | 69 |
| 6 | Quantum and nonlinear effects in light transmitted through planar atomic arrays. Communications Physics, 2020, 3, . | 5.3 | 38 |
| 7 | Eigenmodes in a Two-Dimensional Atomic Monolayer. Springer Theses, 2017, , 109-119. | 0.1 | 0 |
| 8 | One-Dimensional Atom Array. Springer Theses, 2017, , 89-105. | 0.1 | 0 |
| 9 | Extinction in a Two-Dimensional Atomic Monolayer. Springer Theses, 2017, , 121-140. | 0.1 | 0 |