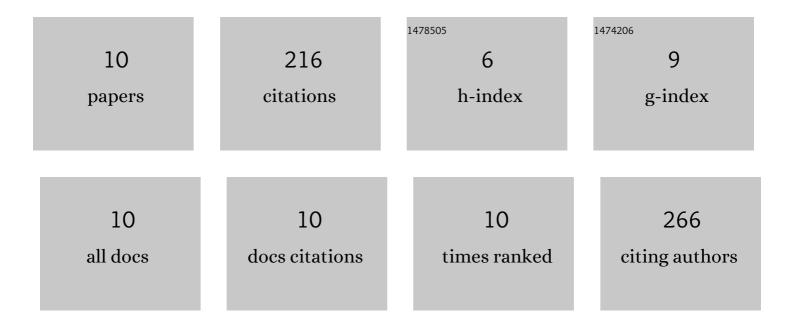
Vassilis E Lembessis

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Atoms in complex twisted light. Journal of Optics (United Kingdom), 2019, 21, 013001. | 2.2 | 102 |
| 2 | Quantum Hall physics with cold atoms in cylindrical optical lattices. Physical Review A, 2016, 93, . | 2.5 | 61 |
| 3 | Rotating optical tubes for vertical transport of atoms. Physical Review A, 2016, 94, . | 2.5 | 12 |
| 4 | A mobile atom in a Laguerre–Gaussian laser beam. Optics Communications, 1999, 159, 243-247. | 2.1 | 11 |
| 5 | Two-atom system as a nanoantenna for mode switching and light routing. Physical Review A, 2013, 88, . | 2.5 | 10 |
| 6 | Guiding of atoms in helical optical potential structures. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 125002. | 1.5 | 8 |
| 7 | Atomic mirrors for aĥ-type three-level atom. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 185005. | 1.5 | 5 |
| 8 | Radiation pattern of two identical emitters driven by a Laguerre-Gaussian beam: An atom nanoantenna. Physical Review A, 2015, 92, . | 2.5 | 4 |
| 9 | Deflection of a ĥ-type three-level atom by a light field: a mechanical demonstration of the coherent population trapping effect. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 115502. | 1.5 | 3 |
| 10 | Dark state atom mirrors based on artificial gauge fields created by surface optical vortices. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 971. | 2.1 | 0 |