

# Vassilis E Lembessis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10530438/publications.pdf>

Version: 2024-02-01

10  
papers

216  
citations

1478505

6  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

266  
citing authors

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