

Alison M Yao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5391963/publications.pdf>

Version: 2024-02-01

15
papers

2,820
citations

1163117

8
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

2744
citing authors

#	ARTICLE	IF	CITATIONS
1	Orbital angular momentum: origins, behavior and applications. <i>Advances in Optics and Photonics</i> , 2011, 3, 161.	25.5	2,457
2	Discriminatory optical force for chiral molecules. <i>New Journal of Physics</i> , 2014, 16, 013020.	2.9	129
3	Polarization Shaping for Control of Nonlinear Propagation. <i>Physical Review Letters</i> , 2016, 117, 233903.	7.8	87
4	Chirality and the angular momentum of light. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20150433.	3.4	41
5	Optical helicity of interfering waves. <i>Journal of Modern Optics</i> , 2014, 61, 25-31.	1.3	35
6	Optical Rogue Waves in Vortex Turbulence. <i>Physical Review Letters</i> , 2016, 116, 043903.	7.8	33
7	Multiple Self-Organized Phases and Spatial Solitons in Cold Atoms Mediated by Optical Feedback. <i>Physical Review Letters</i> , 2021, 126, 203201.	7.8	15
8	Control of spatially rotating structures in diffractive Kerr cavities. <i>Optics Express</i> , 2019, 27, 31273.	3.4	9
9	Optomechanical transport of cold atoms induced by structured light. <i>Physical Review Research</i> , 2020, 2, .	3.6	8
10	Degradation of light carrying orbital angular momentum by ballistic scattering. <i>Physical Review Research</i> , 2020, 2, .	3.6	5
11	Master equation for misaligned cavities. <i>Journal of Modern Optics</i> , 2006, 53, 2005-2010.	1.3	1
12	Optomechanical Self-Structuring of Cold Atoms with Structured Light. , 2019, , .		0
13	Rotating and Spiralling Optomechanical Cavity Solitons. , 2021, , .		0
14	Structuring Light to Rotate Optical Turing Patterns and Solitons. , 2021, , .		0
15	Rotating and spiraling spatial dissipative solitons of light and cold atoms. <i>Physical Review A</i> , 2022, 105, .	2.5	0