

Yalong Gu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11084704/publications.pdf>

Version: 2024-02-01

16
papers

690
citations

759233

12
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

492
citing authors

#	ARTICLE	IF	CITATIONS
1	Scintillation of Airy beam arrays in atmospheric turbulence. Optics Letters, 2010, 35, 3456.	3.3	177
2	Scintillation of nonuniformly polarized beams in atmospheric turbulence. Optics Letters, 2009, 34, 2261.	3.3	120
3	Scintillation of nonuniformly correlated beams in atmospheric turbulence. Optics Letters, 2013, 38, 1395.	3.3	114
4	Open-ocean fish reveal an omnidirectional solution to camouflage in polarized environments. Science, 2015, 350, 965-969.	12.6	55
5	Scintillation of pseudo-Bessel correlated beams in atmospheric turbulence. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2010, 27, 2621.	1.5	43
6	Reduction of turbulence-induced scintillation by nonuniformly polarized beam arrays. Optics Letters, 2012, 37, 1553.	3.3	36
7	Polarimetric imaging and retrieval of target polarization characteristics in underwater environment. Applied Optics, 2016, 55, 626.	2.1	30
8	Statistics of optical vortex wander on propagation through atmospheric turbulence. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2013, 30, 708.	1.5	24
9	The Reprocessed Suomi NPP Satellite Observations. Remote Sensing, 2020, 12, 2891.	4.0	23
10	Mission-Long Recalibrated Science Quality Suomi NPP VIIRS Radiometric Dataset Using Advanced Algorithms for Time Series Studies. Remote Sensing, 2021, 13, 1075.	4.0	23
11	Coherence Converting Plasmonic Hole Arrays. Plasmonics, 2012, 7, 313-322.	3.4	21
12	Calibration Improvements in S-NPP VIIRS DNB Sensor Data Record Using Version 2 Reprocessing. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 9602-9611.	6.3	15
13	Improved algorithm for determining the Visible Infrared Imaging Radiometer Suite Day/Night Band high-gain stage dark offset free from light contamination. Applied Optics, 2019, 58, 1400.	1.8	7
14	Scintillation of Airy beam arrays in atmospheric turbulence. , 2011, , .		1
15	Improved NOAA-20 Visible Infrared Imaging Radiometer Suite Day/Night Band Image Quality by Upgraded Gain Calibration. Remote Sensing, 2021, 13, 2509.	4.0	1
16	Reduction of Turbulence-induced Scintillation by Nonuniformly Polarized Beam Arrays. , 2012, , .		0