

# Yalong Gu

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

690  
citations

759233

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1058476

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docs citations

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times ranked

492  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	The Reprocessed Suomi NPP Satellite Observations. Remote Sensing, 2020, 12, 2891.	4.0	23
4	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
5	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
6	Polarimetric imaging and retrieval of target polarization characteristics in underwater environment. Applied Optics, 2016, 55, 626.	2.1	30
7	Open-ocean fish reveal an omnidirectional solution to camouflage in polarized environments. Science, 2015, 350, 965-969.	12.6	55
8	Scintillation of nonuniformly correlated beams in atmospheric turbulence. Optics Letters, 2013, 38, 1395.	3.3	114
9	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
10	Reduction of turbulence-induced scintillation by nonuniformly polarized beam arrays. Optics Letters, 2012, 37, 1553.	3.3	36
11	Reduction of Turbulence-induced Scintillation by Nonuniformly Polarized Beam Arrays. , 2012, , .		0
12	Coherence Converting Plasmonic Hole Arrays. Plasmonics, 2012, 7, 313-322.	3.4	21
13	Scintillation of Airy beam arrays in atmospheric turbulence. , 2011, , .		1
14	Scintillation of Airy beam arrays in atmospheric turbulence. Optics Letters, 2010, 35, 3456.	3.3	177
15	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
16	Scintillation of nonuniformly polarized beams in atmospheric turbulence. Optics Letters, 2009, 34, 2261.	3.3	120