

# Zhenhuan Yi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9492296/publications.pdf>

Version: 2024-02-01

15  
papers

478  
citations

1039406

9  
h-index

1058022

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

618  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental free-space quantum teleportation. <i>Nature Photonics</i> , 2010, 4, 376-381.	15.6	283
2	Enhancing sensitivity of lateral flow assay with application to SARS-CoV-2. <i>Applied Physics Letters</i> , 2020, 117, 120601.	1.5	34
3	Giant Chemical Surface Enhancement of Coherent Raman Scattering on MoS <sub>2</sub> . <i>ACS Photonics</i> , 2018, 5, 4960-4968.	3.2	28
4	Two-Photon Infrared Resonance Can Enhance Coherent Raman Scattering. <i>Physical Review Letters</i> , 2018, 120, 063602.	2.9	25
5	Laser spectroscopic technique for direct identification of a single virus I: FASTER CARS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27820-27824.	3.3	25
6	Polariton-Assisted Cooperativity of Molecules in Microcavities Monitored by Two-Dimensional Infrared Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4448-4454.	2.1	24
7	Pulsed cooperative backward emissions from non-degenerate atomic transitions in sodium. <i>New Journal of Physics</i> , 2014, 16, 103017.	1.2	14
8	Observing the transition from yoked superfluorescence to superradiance. <i>Optics Communications</i> , 2015, 351, 45-49.	1.0	12
9	Collinear FAST CARS for Chemical Mapping of Gases. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 705.	1.3	9
10	Imaging through scattering media via spatial-temporal encoded pattern illumination. <i>Photonics Research</i> , 2022, 10, 1689.	3.4	9
11	Quantum optical immunoassay: upconversion nanoparticle-based neutralizing assay for COVID-19. <i>Scientific Reports</i> , 2022, 12, 1263.	1.6	8
12	Femtosecond pump-probe studies of atomic hydrogen superfluorescence in flames. <i>Applied Physics Letters</i> , 2020, 116, 201102.	1.5	4
13	Light and corona: guided-wave readout for coronavirus spike protein-host-receptor binding. <i>Optics Letters</i> , 2020, 45, 5428.	1.7	2
14	Surface-Enhanced Raman Scattering on Template-Embedded Gold Nanorod Substrates. <i>Journal of Modern Optics</i> , 2014, 61, 72-76.	0.6	1
15	Comment on "Enhancement of the Raman Effect by Infrared Pumping". <i>Physical Review Letters</i> , 2020, 124, 159401.	2.9	0