Liu Weiping

List of Publications by Year
in descending order

14 papers	64 citations	1684188 5 h-index	1720034 7 g-index
14 all docs	14 docs citations	14 times ranked	41 citing authors

#	Article	IF	Citations
1	A Polarization Parametric Method of Sensing the Scattering Signals From a Submicrometer Particle. IEEE Photonics Technology Letters, 2017, 29, 19-22.	2.5	13
2	Visualization of ultrasonic wave field by stroboscopic polarization selective imaging. Optics Express, 2020, 28, 27096.	3.4	13
3	Characterization of Komagataeibacter xylinus by a polarization modulation imaging method. Journal Physics D: Applied Physics, 2020, 53, 125403.	2.8	6
4	Photon Scattering Signal Amplification in Gold-Viral Particle Ligation Towards Fast Infection Screening. IEEE Photonics Journal, 2021, 13, 1-11.	2.0	6
5	Polarization multi-parametric imaging method for the inspection of cervix cell. Optics Communications, 2021, 488, 126846.	2.1	6
6	Sensing of ultrasonic fields based on polarization parametric indirect microscopic imaging. Chinese Optics Letters, 2019, 17, 041702.	2.9	6
7	Characterization of deep sub-wavelength nanowells by imaging the photon state scattering spectra. Optics Express, 2021, 29, 1221.	3.4	5
8	Label-free sensing of virus-like particles below the sub-diffraction limit by wide-field photon state parametric imaging of a gold nanodot array. Nanoscale Advances, 2021, 3, 6882-6887.	4.6	4
9	Evaluation of GAN Architectures For Visualisation of HPV Viruses From Microscopic Images. , 2021, , .		3
10	Numerical Simulation of Enhanced Photoacoustic Generation and Wavefront Shaping by a Distributed Laser Array. Applied Sciences (Switzerland), 2021, 11, 9497.	2.5	1
11	Spatial resolving method on DNA nanoballs with polarization parametric indirect microscopy. Journal of Nanophotonics, 2019, 13, 1.	1.0	1
12	Visualization of Continuous and Pulsed Ultrasonic Propagation in Water. Lecture Notes in Electrical Engineering, 2022, , 390-401.	0.4	0
13	An Infrared Imaging Method that Uses Modulated Polarization Parameters to Improve Image Contrast. Lecture Notes in Electrical Engineering, 2022, , 402-410.	0.4	0
14	Signal denoising of viral particle in wide-field photon scattering parametric images using deep learning. Optics Communications, 2022, 503, 127463.	2.1	0