

# Xuefeng Liu

## List of Publications by Year in descending order

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43  
papers

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citations

1163117

8  
h-index

1125743

13  
g-index

44  
all docs

44  
docs citations

44  
times ranked

154  
citing authors

#	ARTICLE	IF	CITATIONS
1	Visualization of Continuous and Pulsed Ultrasonic Propagation in Water. Lecture Notes in Electrical Engineering, 2022, , 390-401.	0.4	0
2	An Infrared Imaging Method that Uses Modulated Polarization Parameters to Improve Image Contrast. Lecture Notes in Electrical Engineering, 2022, , 402-410.	0.4	0
3	Signal denoising of viral particle in wide-field photon scattering parametric images using deep learning. Optics Communications, 2022, 503, 127463.	2.1	0
4	Gold-viral particle identification by deep learning in wide-field photon scattering parametric images. Applied Optics, 2022, 61, 546.	1.8	3
5	Surface plasmon polaritons excitation at the interface of graphene and sodium media. European Physical Journal Plus, 2022, 137, 1.	2.6	2
6	Monolithically Integrated AlGaInAs MQW Polarization Mode Converter Using a Stepped Height Ridge Waveguide. IEEE Photonics Journal, 2022, 14, 1-6.	2.0	4
7	Temporal Evolution of Refractive Index Induced by Short Laser Pulses Accounting for Both Photoacoustic and Photothermal Effects. Applied Sciences (Switzerland), 2022, 12, 6256.	2.5	2
8	Characterization of deep sub-wavelength nanowells by imaging the photon state scattering spectra. Optics Express, 2021, 29, 1221.	3.4	5
9	Quantitative analysis of errors caused by vibration on polarization parametric indirect microscopic imaging system. Applied Optics, 2021, 60, 2141.	1.8	0
10	Photon Scattering Signal Amplification in Gold-Viral Particle Ligation Towards Fast Infection Screening. IEEE Photonics Journal, 2021, 13, 1-11.	2.0	6
11	Polarization multi-parametric imaging method for the inspection of cervix cell. Optics Communications, 2021, 488, 126846.	2.1	6
12	Identification of the Prognostic Signatures of Glioma With Different PTEN Status. Frontiers in Oncology, 2021, 11, 633357.	2.8	15
13	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
14	Numerical Simulation of Enhanced Photoacoustic Generation and Wavefront Shaping by a Distributed Laser Array. Applied Sciences (Switzerland), 2021, 11, 9497.	2.5	1
15	Design and Optimization of 1.55 $\mu$ m AlGaInAs MQW Polarization Mode Controllers. Photonics, 2021, 8, 422.	2.0	2
16	Evaluation of GAN Architectures For Visualisation of HPV Viruses From Microscopic Images. , 2021, , .		3
17	Near-infrared Deep Imaging of Biological Phantom by Polarization Parametric Imaging. , 2020, , .		1
18	Photoacoustic Microscopy of Optical Absorption Distribution of Micron-sized Copper Balls. , 2020, , .		0

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19	Role of Ubiquitination in PTEN Cellular Homeostasis and Its Implications in GB Drug Resistance. <i>Frontiers in Oncology</i> , 2020, 10, 1569.	2.8	17
20	Design of Infrared Imaging Data Acquisition and Transmission System Based on FPGA and USB3.0. , 2020, , ,		1
21	Multi-Dimensional Microscopic Imaging of Biological Tissues Based on Polarization Spectrum. , 2020, , .		0
22	Characterization of <i>Komagataeibacter xylinus</i> by a polarization modulation imaging method. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 125403.	2.8	6
23	Visualization of ultrasonic wave field by stroboscopic polarization selective imaging. <i>Optics Express</i> , 2020, 28, 27096.	3.4	13
24	Collaborative mobile industrial manipulator: A review of system architecture and applications. , 2019, , .		13
25	Analysis on image features for a standard edge by using polarization indirect microscopic system. <i>Optik</i> , 2019, 178, 363-371.	2.9	4
26	Finger skin super-resolved imaging based on extracting polarized light field. <i>Optik</i> , 2019, 180, 215-219.	2.9	4
27	Sensing of ultrasonic fields based on polarization parametric indirect microscopic imaging. <i>Chinese Optics Letters</i> , 2019, 17, 041702.	2.9	6
28	Spatial resolving method on DNA nanoballs with polarization parametric indirect microscopy. <i>Journal of Nanophotonics</i> , 2019, 13, 1.	1.0	1
29	Resolving the multipolar scattering modes of a submicron particle using parametric indirect microscopic imaging. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2018, 30, 7-13.	2.0	2
30	An indirect method of imaging the Stokes parameters of a submicron particle with sub-diffraction scattering. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018, 213, 35-40.	2.3	8
31	Subwavelength Far Field Imaging of Nanoparticles with Parametric Indirect Microscopic Imaging. <i>ACS Photonics</i> , 2018, 5, 1388-1397.	6.6	23
32	Chiral all-dielectric trimer nanoantenna. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018, 208, 71-77.	2.3	16
33	Engineering the optical properties of dielectric nanospheres by resonant modes. <i>Nanotechnology</i> , 2018, 29, 505204.	2.6	6
34	Imaging the scattering field of a single GaN nanowire. <i>Journal of Optics (United Kingdom)</i> , 2018, 20, 105608.	2.2	0
35	Polarization parametric indirect microscopic imaging for patterned device line edge inspection. <i>Applied Physics B: Lasers and Optics</i> , 2018, 124, 1.	2.2	8
36	Light scattering by subwavelength Cu2O particles. <i>Nanotechnology</i> , 2017, 28, 134002.	2.6	20

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37	Investigation of skin structures based on infrared wave parameter indirect microscopic imaging. , 2017, , .		2
38	Pattern characteristics and resolution of GaN sample through Parameter of Indirect Microscopic Imaging. Journal of Physics: Conference Series, 2017, 844, 012005.	0.4	1
39	A Polarization Parametric Method of Sensing the Scattering Signals From a Submicrometer Particle. IEEE Photonics Technology Letters, 2017, 29, 19-22.	2.5	13
40	Comparisons between conventional optical imaging and parametric indirect microscopic imaging on human skin detection. Proceedings of SPIE, 2016, , .	0.8	0
41	Gap coupled half circular disk patch antenna using D.G.S for dual-wideband application. , 2016, , .		0
42	Characterization of graphene layers using super resolution polarization parameter indirect microscopic imaging. Optics Express, 2014, 22, 20446.	3.4	34
43	Detection of virus particles by scattering field using three-dimensional polarization modulation imaging method. Journal of the Optical Society of America B: Optical Physics, 0, , .	2.1	3