

Xuefeng Liu

List of Publications by Year in descending order

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papers

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13
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44
all docs

44
docs citations

44
times ranked

154
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of graphene layers using super resolution polarization parameter indirect microscopic imaging. Optics Express, 2014, 22, 20446.	3.4	34
2	Subwavelength Far Field Imaging of Nanoparticles with Parametric Indirect Microscopic Imaging. ACS Photonics, 2018, 5, 1388-1397.	6.6	23
3	Light scattering by subwavelength Cu2O particles. Nanotechnology, 2017, 28, 134002.	2.6	20
4	Role of Ubiquitination in PTEN Cellular Homeostasis and Its Implications in GB Drug Resistance. Frontiers in Oncology, 2020, 10, 1569.	2.8	17
5	Chiral all-dielectric trimer nanoantenna. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 208, 71-77.	2.3	16
6	Identification of the Prognostic Signatures of Glioma With Different PTEN Status. Frontiers in Oncology, 2021, 11, 633357.	2.8	15
7	A Polarization Parametric Method of Sensing the Scattering Signals From a Submicrometer Particle. IEEE Photonics Technology Letters, 2017, 29, 19-22.	2.5	13
8	Collaborative mobile industrial manipulator: A review of system architecture and applications. , 2019, , .		13
9	Visualization of ultrasonic wave field by stroboscopic polarization selective imaging. Optics Express, 2020, 28, 27096.	3.4	13
10	An indirect method of imaging the Stokes parameters of a submicron particle with sub-diffraction scattering. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 213, 35-40.	2.3	8
11	Polarization parametric indirect microscopic imaging for patterned device line edge inspection. Applied Physics B: Lasers and Optics, 2018, 124, 1.	2.2	8
12	Engineering the optical properties of dielectric nanospheres by resonant modes. Nanotechnology, 2018, 29, 505204.	2.6	6
13	Characterization of Komagataeibacter xylinus by a polarization modulation imaging method. Journal Physics D: Applied Physics, 2020, 53, 125403.	2.8	6
14	Photon Scattering Signal Amplification in Gold-Viral Particle Ligation Towards Fast Infection Screening. IEEE Photonics Journal, 2021, 13, 1-11.	2.0	6
15	Polarization multi-parametric imaging method for the inspection of cervix cell. Optics Communications, 2021, 488, 126846.	2.1	6
16	Sensing of ultrasonic fields based on polarization parametric indirect microscopic imaging. Chinese Optics Letters, 2019, 17, 041702.	2.9	6
17	Characterization of deep sub-wavelength nanowells by imaging the photon state scattering spectra. Optics Express, 2021, 29, 1221.	3.4	5
18	Analysis on image features for a standard edge by using polarization indirect microscopic system. Optik, 2019, 178, 363-371.	2.9	4

#	ARTICLE	IF	CITATIONS
19	Finger skin super-resolved imaging based on extracting polarized light field. <i>Optik</i> , 2019, 180, 215-219.	2.9	4
20	Label-free sensing of virus-like particles below the sub-diffraction limit by wide-field photon state parametric imaging of a gold nanodot array. <i>Nanoscale Advances</i> , 2021, 3, 6882-6887.	4.6	4
21	Monolithically Integrated AlGaInAs MQW Polarization Mode Converter Using a Stepped Height Ridge Waveguide. <i>IEEE Photonics Journal</i> , 2022, 14, 1-6.	2.0	4
22	Detection of virus particles by scattering field using three-dimensional polarization modulation imaging method. <i>Journal of the Optical Society of America B: Optical Physics</i> , 0, , .	2.1	3
23	Gold-viral particle identification by deep learning in wide-field photon scattering parametric images. <i>Applied Optics</i> , 2022, 61, 546.	1.8	3
24	Evaluation of GAN Architectures For Visualisation of HPV Viruses From Microscopic Images. , 2021, , .		3
25	Investigation of skin structures based on infrared wave parameter indirect microscopic imaging. , 2017, , .		2
26	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
27	Design and Optimization of 1.55 μ m AlGaInAs MQW Polarization Mode Controllers. <i>Photonics</i> , 2021, 8, 422.	2.0	2
28	Surface plasmon polaritons excitation at the interface of Ag graphene and sodium media. <i>European Physical Journal Plus</i> , 2022, 137, 1.	2.6	2
29	Temporal Evolution of Refractive Index Induced by Short Laser Pulses Accounting for Both Photoacoustic and Photothermal Effects. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6256.	2.5	2
30	Pattern characteristics and resolution of GaN sample through Parameter of Indirect Microscopic Imaging. <i>Journal of Physics: Conference Series</i> , 2017, 844, 012005.	0.4	1
31	Near-infrared Deep Imaging of Biological Phantom by Polarization Parametric Imaging. , 2020, , .		1
32	Design of Infrared Imaging Data Acquisition and Transmission System Based on FPGA and USB3.0. , 2020, , .		1
33	Numerical Simulation of Enhanced Photoacoustic Generation and Wavefront Shaping by a Distributed Laser Array. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9497.	2.5	1
34	Spatial resolving method on DNA nanoballs with polarization parametric indirect microscopy. <i>Journal of Nanophotonics</i> , 2019, 13, 1.	1.0	1
35	Comparisons between conventional optical imaging and parametric indirect microscopic imaging on human skin detection. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
36	Gap coupled half circular disk patch antenna using D.G.S for dual-wideband application. , 2016, , .		0

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37	Imaging the scattering field of a single GaN nanowire. Journal of Optics (United Kingdom), 2018, 20, 105608.	2.2	0
38	Photoacoustic Microscopy of Optical Absorption Distribution of Micron-sized Copper Balls. , 2020, , .		0
39	Multi-Dimensional Microscopic Imaging of Biological Tissues Based on Polarization Spectrum. , 2020, , .		0
40	Quantitative analysis of errors caused by vibration on polarization parametric indirect microscopic imaging system. Applied Optics, 2021, 60, 2141.	1.8	0
41	Visualization of Continuous and Pulsed Ultrasonic Propagation in Water. Lecture Notes in Electrical Engineering, 2022, , 390-401.	0.4	0
42	An Infrared Imaging Method that Uses Modulated Polarization Parameters to Improve Image Contrast. Lecture Notes in Electrical Engineering, 2022, , 402-410.	0.4	0
43	Signal denoising of viral particle in wide-field photon scattering parametric images using deep learning. Optics Communications, 2022, 503, 127463.	2.1	0