Silvania F Pereira

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10631380/publications.pdf

Version: 2024-02-01

18 papers	190 citations	1478505 6 h-index	1199594 12 g-index
18 all docs	18 docs citations	18 times ranked	209 citing authors

#	Article	IF	Citations
1	Efficient Single-Photon Detection with 7.7 ps Time Resolution for Photon-Correlation Measurements. ACS Photonics, 2020, 7, 1780-1787.	6.6	52
2	Reconstruction of sub-wavelength features and nano-positioning of gratings using coherent Fourier scatterometry. Optics Express, 2014, 22, 24678.	3.4	43
3	Integration of Colloidal PbS/CdS Quantum Dots with Plasmonic Antennas and Superconducting Detectors on a Silicon Nitride Photonic Platform. Nano Letters, 2019, 19, 5452-5458.	9.1	24
4	Multimode-fiber-coupled superconducting nanowire single-photon detectors with high detection efficiency and time resolution. Applied Optics, 2019, 58, 9803.	1.8	17
5	High sensitivity optical measurement of skin gloss. Biomedical Optics Express, 2017, 8, 3981.	2.9	10
6	On the Focused Field Embedded in a Super Rens Medium. Japanese Journal of Applied Physics, 2011, 50, 102206.	1.5	7
7	Polarization nulling interferometry for exoplanet detection. Optics Express, 2006, 14, 2657.	3.4	6
8	Coherent Fourier scatterometry reveals nerve fiber crossings in the brain. Biomedical Optics Express, 2020, 11, 4735.	2.9	6
9	Longitudinalâ€“differential phase distribution near the focus of a high numerical aperture lens: study of wavefront spacing and Gouy phase. Journal of Modern Optics, 2013, 60, 197-201.	1.3	5
10	Experimental and numerical analysis of the super resolution near-field effect on an InSb sample. Japanese Journal of Applied Physics, 2014, 53, 042001.	1.5	5
11	Influence of the Numerical Aperture on the Superresolved InSb Focused Spot. Japanese Journal of Applied Physics, 2012, 51, 112501.	1.5	5
12	Scalar Readout Model for the Super-Rens Focused Spot. Journal of the European Optical Society-Rapid Publications, 0, 6, .	1.9	4
13	Far-field sectioning for the retrieval of subwavelength grating parameters using coherent Fourier scatterometry. Measurement Science and Technology, 2020, 31, 104005.	2.6	3
14	Heterodyne detection system for nanoparticle detection using coherent Fourier scatterometry. , 2019, , .		2
15	Nulling interferometry for exoplanet detection using polarization properties. , 2006, , .		1
16	Vectorial analysis of polarization issues in multi-axial nulling interferometers for exoplanet detection. , 2007, , .		0
17	Design of a polarization nulling interferometer for exoplanet detection. Proceedings of SPIE, 2007, , .	0.8	0
18	Plasmonic Enhancement and Spectroscopy of PbS/CdS QD Emitters on a Silicon Nitride Photonic Platform. , 0, , .		0