

Yizheng Zhu

List of Publications by Year in descending order

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22
papers

628
citations

933264

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839398

18
g-index

22
all docs

22
docs citations

22
times ranked

586
citing authors

#	ARTICLE	IF	CITATIONS
1	In-plane and out-of-plane deformations of gilt utero-sacral ligaments. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 131, 105249.	1.5	2
2	Miniature Fiber-Optic Temperature Sensor with All-Sapphire Structure and Its Field Evaluation. , 2021, , .		0
3	All-Sapphire Miniature Optical Fiber Tip Sensor for High Temperature Measurement. Journal of Lightwave Technology, 2020, 38, 1988-1997.	2.7	25
4	Interferometric spectroscopy and high-speed orientation detection of individual gold nanorods. Nanoscale, 2020, 12, 2613-2625.	2.8	2
5	Miniature All-Sapphire Single-Crystal Fiber Fabry-Perot Sensor Fabricated by Femtosecond Laser Micro-machining and CO2 Laser Welding. , 2020, , .		2
6	12-ns Frequency Chirped Pulse for Self-Calibrated Gas Sensing. IEEE Photonics Technology Letters, 2020, 32, 710-713.	1.3	1
7	Performance assessment of interferometric sensing. , 2019, , .		0
8	Phase sensitivity evaluation and its application to phase shifting interferometry. Methods, 2018, 136, 50-59.	1.9	8
9	Phase sensitivity of off-axis digital holography. Optics Letters, 2018, 43, 4993.	1.7	13
10	Cramerâ€™Rao Bound for Frequency Estimation of Spectral Interference and Its Shot Noise-Limited Behavior. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 410-416.	1.9	6
11	Maximum Likelihood Estimation of Optical Path Length in Spectral Interferometry. Journal of Lightwave Technology, 2017, 35, 4880-4887.	2.7	21
12	Sensitivity evaluation of quantitative phase imaging: a study of wavelength shifting interferometry. Optics Letters, 2017, 42, 1088.	1.7	12
13	Integrated quantitative phase and birefringence microscopy for imaging malaria-infected red blood cells. Journal of Biomedical Optics, 2016, 21, 090501.	1.4	10
14	Spectral modulation interferometry for quantitative phase imaging. Biomedical Optics Express, 2015, 6, 473.	1.5	20
15	Quantitative polarized light microscopy using spectral multiplexing interferometry. Optics Letters, 2015, 40, 2622.	1.7	8
16	Optical Fiber High-Temperature Sensors. Optics and Photonics News, 2009, 20, 26.	0.4	7
17	Fiber-optic high-temperature sensing system and its field application. , 2007, , .		2
18	Surface-mount sapphire interferometric temperature sensor. Applied Optics, 2006, 45, 6071.	2.1	39

#	ARTICLE	IF	CITATIONS
19	High-temperature fiber-tip pressure sensor. <i>Journal of Lightwave Technology</i> , 2006, 24, 861-869.	2.7	108
20	Sapphire-fiber-based white-light interferometric sensor for high-temperature measurements. <i>Optics Letters</i> , 2005, 30, 711.	1.7	130
21	Miniature fiber-optic pressure sensor. <i>IEEE Photonics Technology Letters</i> , 2005, 17, 447-449.	1.3	118
22	Intrinsic Fabry-Pe/spl acute/rot fiber sensor for temperature and strain measurements. <i>IEEE Photonics Technology Letters</i> , 2005, 17, 2403-2405.	1.3	94