

List of Publications by Year in descending order

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papers

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759233

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all docs

14
docs citations

14
times ranked

492
citing authors

#	ARTICLE	IF	CITATIONS
1	Mueller polarimetric imaging for surgical and diagnostic applications: a review. Journal of Biophotonics, 2017, 10, 950-982.	2.3	156
2	Quantitatively characterizing the microstructural features of breast ductal carcinoma tissues in different progression stages by Mueller matrix microscope. Biomedical Optics Express, 2017, 8, 3643.	2.9	99
3	A high definition Mueller polarimetric endoscope for tissue characterisation. Scientific Reports, 2016, 6, 25953.	3.3	84
4	Narrow band 3 Å— 3 Mueller polarimetric endoscopy. Biomedical Optics Express, 2013, 4, 2433.	2.9	71
5	Real time complete Stokes polarimetric imager based on a linear polarizer array camera for tissue polarimetric imaging. Biomedical Optics Express, 2017, 8, 4933.	2.9	60
6	Dual-modality endoscopic probe for tissue surface shape reconstruction and hyperspectral imaging enabled by deep neural networks. Medical Image Analysis, 2018, 48, 162-176.	11.6	44
7	Polarised stereo endoscope and narrowband detection for minimal access surgery. Biomedical Optics Express, 2014, 5, 4108.	2.9	39
8	Quantitative Analysis of 4 Å— 4 Mueller Matrix Transformation Parameters for Biomedical Imaging. Photonics, 2019, 6, 34.	2.0	28
9	Revealing complex optical phenomena through vectorial metrics. Advanced Photonics, 2022, 4, .	11.8	27
10	Polarized multispectral imaging in a rigid endoscope based on elastic light scattering spectroscopy. Biomedical Optics Express, 2012, 3, 2087.	2.9	26
11	Assessment of tissue polarimetric properties using Stokes polarimetric imaging with circularly polarized illumination. Journal of Biophotonics, 2018, 11, e201700139.	2.3	16
12	Extended polar decomposition method of Mueller matrices for turbid media in reflection geometry. Optics Letters, 2017, 42, 4048.	3.3	14
13	A light-weight near infrared fluorescence endoscope based on a single color camera: A proof-of-concept study. , 2017, , .		1