

Farzad Fereidouni

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

653
citations

759233

12
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

988
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectral phasor analysis allows rapid and reliable unmixing of fluorescence microscopy spectral images. <i>Optics Express</i> , 2012, 20, 12729.	3.4	196
2	Microscopy with ultraviolet surface excitation for rapid slide-free histology. <i>Nature Biomedical Engineering</i> , 2017, 1, 957-966.	22.5	183
3	Phasor analysis of multiphoton spectral images distinguishes autofluorescence components of <i>in vivo</i> human skin. <i>Journal of Biophotonics</i> , 2014, 7, 589-596.	2.3	53
4	Early BAFF receptor blockade mitigates murine Sjögren's syndrome: Concomitant targeting of CXCL13 and the BAFF receptor prevents salivary hypofunction. <i>Clinical Immunology</i> , 2016, 164, 85-94.	3.2	34
5	High speed multispectral fluorescence lifetime imaging. <i>Optics Express</i> , 2013, 21, 11769.	3.4	33
6	Pocket MUSE: an affordable, versatile and high-performance fluorescence microscope using a smartphone. <i>Communications Biology</i> , 2021, 4, 334.	4.4	33
7	Multi-component quantitative magnetic resonance imaging by phasor representation. <i>Scientific Reports</i> , 2017, 7, 861.	3.3	20
8	Using spectral decomposition of the signals from laurdan-derived probes to evaluate the physical state of membranes in live cells. <i>F1000Research</i> , 2017, 6, 763.	1.6	20
9	Microscopy with UV Surface Excitation (MUSE) for slide-free histology and pathology imaging. <i>Proceedings of SPIE</i> , 2015, , .	0.8	19
10	Dual-mode emission and transmission microscopy for virtual histochemistry using hematoxylin- and eosin-stained tissue sections. <i>Biomedical Optics Express</i> , 2019, 10, 6516.	2.9	18
11	Phasor based analysis of FRET images recorded using spectrally resolved lifetime imaging. <i>Methods and Applications in Fluorescence</i> , 2014, 2, 035001.	2.3	16
12	Blind unmixing of spectrally resolved lifetime images. <i>Journal of Biomedical Optics</i> , 2013, 18, 086006.	2.6	13
13	Multispectral analysis tools can increase utility of RGB color images in histology. <i>Journal of Optics (United Kingdom)</i> , 2018, 20, 044007.	2.2	13
14	Beyond brightfield: a possible future of slide scanners. <i>BioTechniques</i> , 2021, 70, 5-6.	1.8	1
15	CoreView: fresh tissue biopsy assessment at the bedside using a millifluidic imaging chip. <i>Lab on A Chip</i> , 2022, 22, 1354-1364.	6.0	1
16	Automated Assessment of the Curliness of Collagen Fiber in Breast Cancer. <i>Lecture Notes in Computer Science</i> , 2020, , 267-279.	1.3	0