

Mohsen Erfanzadeh

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

467
citations

1163117

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1125743

13
g-index

22
all docs

22
docs citations

22
times ranked

869
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein corona: Opportunities and challenges. International Journal of Biochemistry and Cell Biology, 2016, 75, 143-147.	2.8	143
2	Photoacoustic imaging with low-cost sources; A review. Photoacoustics, 2019, 14, 1-11.	7.8	90
3	Ultrasound-Guided Diffuse Optical Tomography for Predicting and Monitoring Neoadjuvant Chemotherapy of Breast Cancers. Ultrasonic Imaging, 2016, 38, 5-18.	2.6	53
4	Laser scanning laser diode photoacoustic microscopy system. Photoacoustics, 2018, 9, 1-9.	7.8	50
5	Mechanisms of Laser-Tissue Interaction: II. Tissue Thermal Properties. Journal of Lasers in Medical Sciences, 2013, 4, 99-106.	1.2	39
6	In vivo photoacoustic tumor tomography using a quinoline-annulated porphyrin as NIR molecular contrast agent. Organic and Biomolecular Chemistry, 2017, 15, 972-983.	2.8	31
7	Low-cost compact multispectral spatial frequency domain imaging prototype for tissue characterization. Biomedical Optics Express, 2018, 9, 5503.	2.9	18
8	Study of the effect of mechanical pressure on determination of position and size of tumor in biological phantoms. Applied Optics, 2013, 52, 2739.	1.8	14
9	Adaptive Boosting (AdaBoost)-based multiwavelength spatial frequency domain imaging and characterization for ex vivo human colorectal tissue assessment. Journal of Biophotonics, 2020, 13, e201960241.	2.3	9
10	Diffuse optical tomography: image reconstruction and verification. Journal of Lasers in Medical Sciences, 2014, 5, 13-8.	1.2	5
11	Nanoparticles in Circulation: Blood Stability. From Biomaterials Towards Medical Devices, 2018, , 53-87.	0.0	4
12	Toward Miniature Diffuse Optical Tomography System for Assessing Neoadjuvant Chemotherapy. , 2014, , .		3
13	Improvement and evaluation of a low-cost laser diode photoacoustic microscopy system for ovarian tissue imaging. , 2016, , .		2
14	Feasibility study of spatial frequency domain imaging using a handheld miniaturized projector and rigid endoscope. Proceedings of SPIE, 2017, , .	0.8	2
15	Drug Delivery Systems: Possibilities and Challenges. From Biomaterials Towards Medical Devices, 2018, , 1-51.	0.0	2
16	Treasure hunt for peptides with undefined chemical modifications: Proteomics identification of differential albumin adducts of 2-nitroimidazole-indocyanine green in hypoxic tumor. Journal of Mass Spectrometry, 2020, 55, e4376.	1.6	1
17	A multi spectral hand-held spatial frequency domain imaging system for imaging human colorectal cancer. , 2019, , .		1
18	Low-cost laser scanning photoacoustic microscopy system with a pulsed laser diode excitation source. Proceedings of SPIE, 2017, , .	0.8	0

#	ARTICLE	IF	CITATIONS
19	A monomeric water-soluble NIR-absorbing porphyrin derivative as in vivo photoacoustic tomography contrast agent. , 2017, , .		0
20	Preliminary Results of a Handheld, Low-cost, and Multi-wavelength Spatial Frequency Domain Imaging System for Ex Vivo Cancer Characterization. , 2018, , .		0
21	AdaBoost-based multi-wavelength spatial frequency domain imaging for human colorectal tissue assessment. , 2020, , .		0