

Jithin Jose

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

645
citations

623734

14
h-index

752698

20
g-index

27
all docs

27
docs citations

27
times ranked

915
citing authors

#	ARTICLE	IF	CITATIONS
1	Superpixel spectral unmixing framework for the volumetric assessment of tissue chromophores: A photoacoustic data-driven approach. <i>Photoacoustics</i> , 2022, 26, 100367.	7.8	7
2	An overview of assessment tools for determination of biological Magnesium implant degradation. <i>Medical Engineering and Physics</i> , 2021, 93, 49-58.	1.7	11
3	Unsupervised Multi-spectral Photoacoustic Framework for the Detection and Quantification of Tissue Chromophores. , 2021, , .		0
4	Assessment of the Theranostic Potential of Gold Nanostarsâ€”A Multimodal Imaging and Photothermal Treatment Study. <i>Nanomaterials</i> , 2020, 10, 2112.	4.1	10
5	An Automatic Unmixing Approach to Detect Tissue Chromophores from Multispectral Photoacoustic Imaging. <i>Sensors</i> , 2020, 20, 3235.	3.8	16
6	Preclinical Non-invasive Imaging in Cancer Research and Drug Discovery: An Overview. , 2019, , 419-469.		0
7	Preoperative measurement of cutaneous melanoma and nevi thickness with photoacoustic imaging. <i>Journal of Medical Imaging</i> , 2018, 5, 1.	1.5	23
8	Photoacoustic imaging of tumor targeting with riboflavin-functionalized theranostic nanocarriers. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 3813-3825.	6.7	18
9	A Multimodal Imaging Approach for Longitudinal Evaluation of Bladder Tumor Development in an Orthotopic Murine Model. <i>PLoS ONE</i> , 2016, 11, e0161284.	2.5	17
10	Multifunctional polyelectrolyte microcapsules as a contrast agent for photoacoustic imaging in blood. <i>Journal of Biophotonics</i> , 2016, 9, 792-799.	2.3	23
11	Strategies for nonâ€”invasive imaging of polymeric biomaterial in vascular tissue engineering and regenerative medicine using ultrasound and photoacoustic techniques. <i>Polymer International</i> , 2016, 65, 734-740.	3.1	11
12	2H,3H-Decafluoropentane-Based Nanodroplets: New Perspectives for Oxygen Delivery to Hypoxic Cutaneous Tissues. <i>PLoS ONE</i> , 2015, 10, e0119769.	2.5	39
13	Detection of Melanoma Metastases in Resected Human Lymph Nodes by Noninvasive Multispectral Photoacoustic Imaging. <i>International Journal of Biomedical Imaging</i> , 2014, 2014, 1-7.	3.9	32
14	Ultrasound-activated decafluoropentane-cored and chitosan-shelled nanodroplets for oxygen delivery to hypoxic cutaneous tissues. <i>RSC Advances</i> , 2014, 4, 38433-38441.	3.6	39
15	Abstract 2048: Characterization of tumor hypoxia by photoacoustic imaging and limitations of bioluminescence imaging in a Mia PaCa2-luc orthotopic model of pancreatic carcinoma. , 2014, , .		1
16	Evaluation of superparamagnetic iron oxide nanoparticles (EndoremÂ®) as a photoacoustic contrast agent for intraâ€”operative nodal staging. <i>Contrast Media and Molecular Imaging</i> , 2013, 8, 83-91.	0.8	63
17	Photoacoustic detection of iron oxide nanoparticles in resected rat lymph nodes. , 2012, , .		0
18	Signal processing for photoacoustic tomography. , 2012, , .		5

#	ARTICLE	IF	CITATIONS
19	Speed-of-sound compensated photoacoustic tomography for accurate imaging. Medical Physics, 2012, 39, 7262-7271.	3.0	108
20	Initial results of imaging melanoma metastasis in resected human lymph nodes using photoacoustic computed tomography. Journal of Biomedical Optics, 2011, 16, 096021.	2.6	44
21	Passive element enriched photoacoustic computed tomography (PER PACT) for simultaneous imaging of acoustic propagation properties and light absorption. Optics Express, 2011, 19, 2093.	3.4	84
22	Multiple passive element enriched photoacoustic computed tomography. Optics Letters, 2011, 36, 2809.	3.3	16
23	Simultaneous imaging of speed-of-sound, acoustic attenuation and optical absorption using a Computed Tomography Photoacoustic Imager. , 2010, , .		0
24	Simultaneous imaging of ultrasound attenuation, speed of sound, and optical absorption in a photoacoustic setup. Proceedings of SPIE, 2009, , .	0.8	4
25	Imaging of tumor vasculature using Twente photoacoustic systems. Journal of Biophotonics, 2009, 2, 701-717.	2.3	73