

Jithin Jose

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6409987/publications.pdf>

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	Speed-of-sound compensated photoacoustic tomography for accurate imaging. <i>Medical Physics</i> , 2012, 39, 7262-7271.	3.0	108
2	Passive element enriched photoacoustic computed tomography (PER PACT) for simultaneous imaging of acoustic propagation properties and light absorption. <i>Optics Express</i> , 2011, 19, 2093.	3.4	84
3	Imaging of tumor vasculature using Twente photoacoustic systems. <i>Journal of Biophotonics</i> , 2009, 2, 701-717.	2.3	73
4	Evaluation of superparamagnetic iron oxide nanoparticles (Endorem®) as a photoacoustic contrast agent for intraoperative nodal staging. <i>Contrast Media and Molecular Imaging</i> , 2013, 8, 83-91.	0.8	63
5	Initial results of imaging melanoma metastasis in resected human lymph nodes using photoacoustic computed tomography. <i>Journal of Biomedical Optics</i> , 2011, 16, 096021.	2.6	44
6	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
7	2H,3H-Decafluoropentane-Based Nanodroplets: New Perspectives for Oxygen Delivery to Hypoxic Cutaneous Tissues. <i>PLoS ONE</i> , 2015, 10, e0119769.	2.5	39
8	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
9	Multifunctional polyelectrolyte microcapsules as a contrast agent for photoacoustic imaging in blood. <i>Journal of Biophotonics</i> , 2016, 9, 792-799.	2.3	23
10	Preoperative measurement of cutaneous melanoma and nevi thickness with photoacoustic imaging. <i>Journal of Medical Imaging</i> , 2018, 5, 1.	1.5	23
11	Photoacoustic imaging of tumor targeting with riboflavin-functionalized theranostic nanocarriers. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 3813-3825.	6.7	18
12	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
13	Multiple passive element enriched photoacoustic computed tomography. <i>Optics Letters</i> , 2011, 36, 2809.	3.3	16
14	An Automatic Unmixing Approach to Detect Tissue Chromophores from Multispectral Photoacoustic Imaging. <i>Sensors</i> , 2020, 20, 3235.	3.8	16
15	Strategies for non-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
16	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
17	Assessment of the Theranostic Potential of Gold Nanostars: A Multimodal Imaging and Photothermal Treatment Study. <i>Nanomaterials</i> , 2020, 10, 2112.	4.1	10
18	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

#	ARTICLE	IF	CITATIONS
19	Signal processing for photoacoustic tomography. , 2012, , .		5
20	Simultaneous imaging of ultrasound attenuation, speed of sound, and optical absorption in a photoacoustic setup. Proceedings of SPIE, 2009, , .	0.8	4
21	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
22	Simultaneous imaging of speed-of-sound, acoustic attenuation and optical absorption using a Computed Tomography Photoacoustic Imager. , 2010, , .		0
23	Photoacoustic detection of iron oxide nanoparticles in resected rat lymph nodes. , 2012, , .		0
24	Preclinical Non-invasive Imaging in Cancer Research and Drug Discovery: An Overview. , 2019, , 419-469.		0
25	Unsupervised Multi-spectral Photoacoustic Framework for the Detection and Quantification of Tissue Chromophores. , 2021, , .		0