

Jian Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

476
citations

933447

10
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

732
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on promoting regeneration of zebrafish skull by phycoerythrin characterized by in vivo optical coherence tomography. <i>Journal of Biophotonics</i> , 2022, 15, e202100333.	2.3	5
2	Repetitive Blood Sampling from the Subclavian Vein of Conscious Rat. <i>Journal of Visualized Experiments</i> , 2022, , .	0.3	1
3	Reversing cold tumors to hot: An immunoadjuvant-functionalized metal-organic framework for multimodal imaging-guided synergistic photo-immunotherapy. <i>Bioactive Materials</i> , 2021, 6, 312-325.	15.6	110
4	In vivo Multi-scale Photoacoustic Imaging Guided Photothermal Therapy of Cervical Cancer based on Customized Laser System and Targeted Nanoparticles. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 2879-2896.	6.7	12
5	Photoacoustic imaging as a highly efficient and precise imaging strategy for the evaluation of brain diseases. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 2169-2186.	2.0	20
6	In-vivo characterization of zebrafish bone degradation and regeneration models by optical coherence tomography. , 2021, , .		0
7	Combined Photothermal Therapy and Chemotherapy of Oral Squamous Cell Carcinoma Guided by Multifunctional Nanomaterials Enhanced Photoacoustic Tomography. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 7373-7390.	6.7	8
8	Real-Time Monitoring and Quantitative Evaluation of Resin In-Filtrant Repairing Enamel White Spot Lesions Based on Optical Coherence Tomography. <i>Diagnostics</i> , 2021, 11, 2046.	2.6	4
9	Donor-acceptor conjugated polymer-based nanoparticles for highly effective photoacoustic imaging and photothermal therapy in the NIR-II window. <i>Chemical Communications</i> , 2020, 56, 1093-1096.	4.1	63
10	Autocatalytic polymerization of selenium/polypyrrole nanocomposites as functional theranostic agents for multi-spectral photoacoustic imaging and photothermal therapy of tumor. <i>Materials Today Chemistry</i> , 2020, 17, 100344.	3.5	8
11	Optical coherence tomography characterizes the roughness and thickness of the heterogeneous layer on cortical bone surface induced by Er:YAG laser ablation at different moisture contents. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 713-726.	2.0	10
12	Long-term and in vivo assessment of $\text{A}\beta^2$ protein-induced brain atrophy in a zebrafish model by optical coherence tomography. <i>Journal of Biophotonics</i> , 2020, 13, e202000067.	2.3	11
13	In vivo monitoring the dynamic process of acute retinal hemorrhage and repair in zebrafish with spectral-domain optical coherence tomography. <i>Journal of Biophotonics</i> , 2019, 12, e201900235.	2.3	10
14	In vivo monitoring and high-resolution characterizing of the prednisolone-induced osteoporotic process on adult zebrafish by optical coherence tomography. <i>Biomedical Optics Express</i> , 2019, 10, 1184.	2.9	21
15	Retroreflective-type Janus microspheres as a novel contrast agent for enhanced optical coherence tomography. <i>Journal of Biophotonics</i> , 2017, 10, 878-886.	2.3	19
16	Highly absorbing multispectral near-infrared polymer nanoparticles from one conjugated backbone for photoacoustic imaging and photothermal therapy. <i>Biomaterials</i> , 2017, 144, 42-52.	11.4	107
17	A PIID-DTBT based semi-conducting polymer dots with broad and strong optical absorption in the visible-light region: Highly effective contrast agents for multiscale and multi-spectral photoacoustic imaging. <i>Nano Research</i> , 2017, 10, 64-76.	10.4	36
18	In vivo three-dimensional characterization of the adult zebrafish brain using a 1325 nm spectral-domain optical coherence tomography system with the 27 frame/s video rate. <i>Biomedical Optics Express</i> , 2015, 6, 3932.	2.9	28

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19	Multi-Modal Optical Imaging and Combined Phototherapy of Nasopharyngeal Carcinoma Based on a Nanoplatform. International Journal of Nanomedicine, 0, Volume 17, 2435-2446.	6.7	3