

Tong Lu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8646932/publications.pdf>

Version: 2024-02-01

10
papers

267
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

387
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning-based quantitative optoacoustic tomography of deep tissues in the absence of labeled experimental data. <i>Optica</i> , 2022, 9, 32.	9.3	22
2	<scp>LVâ€€GAN</scp>: A deep learning approach for limitedâ€€view optoacoustic imaging based on hybrid datasets. <i>Journal of Biophotonics</i> , 2021, 14, e202000325.	2.3	18
3	Surfactantâ€€Stripped Micelles with Aggregationâ€€Induced Enhanced Emission for Bimodal Gut Imaging In Vivo and Microbiota Tagging Ex Vivo. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100356.	7.6	12
4	SO ₂ prodrug doped nanorattles with extra-high drug payload for â€œcollusion inside and outsideâ€• photothermal/pH triggered - gas therapy. <i>Biomaterials</i> , 2020, 257, 120236.	11.4	53
5	Full-frequency correction of spatial impulse response in back-projection scheme using space-variant filtering for optoacoustic mesoscopy. <i>Photoacoustics</i> , 2020, 19, 100193.	7.8	7
6	Oxygen-supplementing mesoporous polydopamine nanosponges with WS ₂ QDs-embedded for CT/MSOT/MR imaging and thermoradiotherapy of hypoxic cancer. <i>Biomaterials</i> , 2019, 220, 119405.	11.4	101
7	Glutathione-Mediated Clearable Nanoparticles Based on Ultrasmall Gd₂O₃ for MSOT/CT/MR Imaging Guided Photothermal/Radio Combination Cancer Therapy. <i>Molecular Pharmaceutics</i> , 2019, 16, 3489-3501.	4.6	37
8	Enhancing sparse-view photoacoustic tomography with combined virtually parallel projecting and spatially adaptive filtering. <i>Biomedical Optics Express</i> , 2018, 9, 4569.	2.9	5
9	Surface Substructure and Properties of ZrB ₂ p/6061Al Composite Treated by Laser Surface Melting under Extreme Cooling Conditions. <i>High Temperature Materials and Processes</i> , 2017, 36, 69-77.	1.4	1
10	Toward whole-body quantitative photoacoustic tomography of small-animals with multi-angle light-sheet illuminations. <i>Biomedical Optics Express</i> , 2017, 8, 3778.	2.9	11