

# Tong Lu

## List of Publications by Year in descending order

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10  
papers

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1306789

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1372195

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times ranked

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#	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.	4.8	22
2	<sc>LV-GAN</sc>: A deep learning approach for limited-view optoacoustic imaging based on hybrid datasets. <i>Journal of Biophotonics</i> , 2021, 14, e202000325.	1.1	18
3	Surfactant-Stripped Micelles with Aggregation-Induced Enhanced Emission for Bimodal Gut Imaging In Vivo and Microbiota Tagging Ex Vivo. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100356.	3.9	12
4	SO <sub>2</sub> prodrug doped nanorattles with extra-high drug payload for œcollusion inside and outsideœ photothermal/pH triggered - gas therapy. <i>Biomaterials</i> , 2020, 257, 120236.	5.7	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.	4.4	7
6	Oxygen-supplementing mesoporous polydopamine nanospheres with WS <sub>2</sub> QDs-embedded for CT/MSOT/MR imaging and thermoradiotherapy of hypoxic cancer. <i>Biomaterials</i> , 2019, 220, 119405.	5.7	101
7	Glutathione-Mediated Clearable Nanoparticles Based on Ultrasmall Gd <sub>2</sub> O <sub>3</sub> for MSOT/CT/MR Imaging Guided Photothermal/Radio Combination Cancer Therapy. <i>Molecular Pharmaceutics</i> , 2019, 16, 3489-3501.	2.3	37
8	Enhancing sparse-view photoacoustic tomography with combined virtually parallel projecting and spatially adaptive filtering. <i>Biomedical Optics Express</i> , 2018, 9, 4569.	1.5	5
9	Surface Substructure and Properties of ZrB <sub>2</sub> /6061Al Composite Treated by Laser Surface Melting under Extreme Cooling Conditions. <i>High Temperature Materials and Processes</i> , 2017, 36, 69-77.	0.6	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.	1.5	11