

Van Tu Nguyen

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

471
citations

933447

10
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

671
citing authors

#	ARTICLE	IF	CITATIONS
1	Full-view in vivo skin and blood vessels profile segmentation in photoacoustic imaging based on deep learning. <i>Photoacoustics</i> , 2022, 25, 100310.	7.8	15
2	Computational analysis of drug free silver triangular nanoprism theranostic probe plasmonic behavior for in-situ tumor imaging and photothermal therapy. <i>Journal of Advanced Research</i> , 2022, 41, 23-38.	9.5	11
3	Fluorescence conjugated nanostructured cobalt-doped hydroxyapatite platform for imaging-guided drug delivery application. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 214, 112458.	5.0	10
4	Design and Micro-Fabrication of Focused High-Frequency Needle Transducers for Medical Imaging. <i>Sensors</i> , 2022, 22, 3763.	3.8	1
5	Development of fast photoacoustic and ultrasound imaging system based on slider-crank scanner for small animals and humans study. <i>Expert Systems With Applications</i> , 2022, 206, 117939.	7.6	4
6	Rice starch coated iron oxide nanoparticles: A theranostic probe for photoacoustic imaging-guided photothermal cancer therapy. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 55-67.	7.5	23
7	Fluorescence/photoacoustic imaging-guided nanomaterials for highly efficient cancer theragnostic agent. <i>Scientific Reports</i> , 2021, 11, 15943.	3.3	17
8	Ultra-widefield photoacoustic microscopy with a dual-channel slider-crank laser-scanning apparatus for in vivo biomedical study. <i>Photoacoustics</i> , 2021, 23, 100274.	7.8	10
9	Folic acid-conjugated chitosan-functionalized graphene oxide for highly efficient photoacoustic imaging-guided tumor-targeted photothermal therapy. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 961-971.	7.5	60
10	Fuzzy Logic Control-Based HIFU System Integrated with Photoacoustic Imaging Module for Ex Vivo Artificial Tumor Treatment. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7888.	2.5	7
11	Improved Depth-of-Field Photoacoustic Microscopy with a Multifocal Point Transducer for Biomedical Imaging. <i>Sensors</i> , 2020, 20, 2020.	3.8	13
12	Anti-EGFR antibody conjugated thiol chitosan-layered gold nanoshells for dual-modal imaging-guided cancer combination therapy. <i>Journal of Controlled Release</i> , 2019, 311-312, 26-42.	9.9	55
13	A multifunctional near-infrared laser-triggered drug delivery system using folic acid conjugated chitosan oligosaccharide encapsulated gold nanorods for targeted chemo-photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 3811-3825.	5.8	40
14	Design, Fabrication, and Evaluation of Multifocal Point Transducer for High-Frequency Ultrasound Applications. <i>Sensors</i> , 2019, 19, 609.	3.8	4
15	Chitosan as a stabilizer and size-control agent for synthesis of porous flower-shaped palladium nanoparticles and their applications on photo-based therapies. <i>Carbohydrate Polymers</i> , 2019, 205, 340-352.	10.2	57
16	Polypyrrole-methylene blue nanoparticles as a single multifunctional nanoplatform for near-infrared photo-induced therapy and photoacoustic imaging. <i>RSC Advances</i> , 2017, 7, 35027-35037.	3.6	39
17	Hydroxyapatite Coated Iron Oxide Nanoparticles: A Promising Nanomaterial for Magnetic Hyperthermia Cancer Treatment. <i>Nanomaterials</i> , 2017, 7, 426.	4.1	105