

Dhiman Das

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

607
citations

1170033

9
h-index

1427216

11
g-index

15
all docs

15
docs citations

15
times ranked

885
citing authors

#	ARTICLE	IF	CITATIONS
1	Label-free high frame rate imaging of circulating blood clots using a dual modal ultrasound and photoacoustic system. <i>Journal of Biophotonics</i> , 2021, 14, e202000371.	1.1	13
2	Another decade of photoacoustic imaging. <i>Physics in Medicine and Biology</i> , 2021, 66, 05TR01.	1.6	77
3	Ultrasonic Implantation and Imaging of Sound-Sensitive Theranostic Agents for the Treatment of Arterial Inflammation. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 24422-24430.	4.0	4
4	Investigating the Acoustic Response and Contrast Enhancement of Drug-Loadable PLGA Microparticles with Various Shapes and Morphologies. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 1844-1856.	0.7	2
5	Real-time monitoring of temperature using a pulsed laser-diode-based photoacoustic system. <i>Optics Letters</i> , 2020, 45, 718.	1.7	14
6	Continuous flow microfluidic cell inactivation with the use of insulating micropillars for multiple electroporation zones. <i>Electrophoresis</i> , 2019, 40, 2522-2529.	1.3	14
7	Combined ultrasound and photoacoustic imaging of blood clot during microbubble-assisted sonothrombolysis. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	1.4	18
8	A study of the effect of PEG-40 surfactant concentration on the stability of microbubbles post-injection through various needle sizes and its ultrasound imaging performance. , 2019, , .		0
9	High frame rate photoacoustic imaging of blood clots. , 2019, , .		1
10	A study of blood clots using photoacoustic imaging during sonothrombolysis. , 2019, , .		0
11	On-chip generation of microbubbles in photoacoustic contrast agents for dual modal ultrasound/photoacoustic in vivo animal imaging. <i>Scientific Reports</i> , 2018, 8, 6401.	1.6	35
12	Microfluidics-based microbubbles in methylene blue solution for photoacoustic and ultrasound imaging. , 2018, , .		1
13	A multi-module microfluidic platform for continuous pre-concentration of water-soluble ions and separation of oil droplets from oil-in-water (O/W) emulsions using a DC-biased AC electrokinetic technique. <i>Electrophoresis</i> , 2017, 38, 645-652.	1.3	16
14	Continuous Droplet-Based Liquid-Liquid Extraction of Phenol from Oil. <i>Separation Science and Technology</i> , 2015, 50, 1023-1029.	1.3	12
15	Bioenergy potential from crop residue biomass in India. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 32, 504-512.	8.2	400