

Dhiman Das

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

607
citations

1040056
9
h-index

1281871
11
g-index

15
all docs

15
docs citations

15
times ranked

765
citing authors

#	ARTICLE	IF	CITATIONS
1	Label-free high frame rate imaging of circulating blood clots using a dual modal ultrasound and photoacoustic system. Journal of Biophotonics, 2021, 14, e202000371.	2.3	13
2	Another decade of photoacoustic imaging. Physics in Medicine and Biology, 2021, 66, 05TR01.	3.0	77
3	Ultrasonic Implantation and Imaging of Sound-Sensitive Theranostic Agents for the Treatment of Arterial Inflammation. ACS Applied Materials & Interfaces, 2021, 13, 24422-24430.	8.0	4
4	Investigating the Acoustic Response and Contrast Enhancement of Drug-Loadable PLGA Microparticles with Various Shapes and Morphologies. Ultrasound in Medicine and Biology, 2021, 47, 1844-1856.	1.5	2
5	Real-time monitoring of temperature using a pulsed laser-diode-based photoacoustic system. Optics Letters, 2020, 45, 718.	3.3	14
6	Continuous flow microfluidic cell inactivation with the use of insulating micropillars for multiple electroporation zones. Electrophoresis, 2019, 40, 2522-2529.	2.4	14
7	Combined ultrasound and photoacoustic imaging of blood clot during microbubble-assisted sonothrombolysis. Journal of Biomedical Optics, 2019, 24, 1.	2.6	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. Scientific Reports, 2018, 8, 6401.	3.3	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. Electrophoresis, 2017, 38, 645-652.	2.4	16
14	Continuous Droplet-Based Liquid-Liquid Extraction of Phenol from Oil. Separation Science and Technology, 2015, 50, 1023-1029.	2.5	12
15	Bioenergy potential from crop residue biomass in India. Renewable and Sustainable Energy Reviews, 2014, 32, 504-512.	16.4	400