

Kathyayini Sivasubramanian

List of Publications by Year in descending order

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20
papers

404
citations

1040056

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1281871

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all docs

20
docs citations

20
times ranked

584
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	Deep learning-enhanced LED-based photoacoustic imaging. , 2020, , .		7
3	Deep Learning for Image Processing and Reconstruction to Enhance LED-Based Photoacoustic Imaging. Progress in Optical Science and Photonics, 2020, , 203-241.	0.5	2
4	Food based contrast agents for photoacoustic imaging. , 2020, , .		0
5	High frame rate photoacoustic imaging of blood clots. , 2019, , .		1
6	High spatial resolution x-ray luminescence computed tomography and x-ray fluorescence computed tomography. , 2019, , .		1
7	Hand-held, clinical dual mode ultrasound photoacoustic imaging of rat urinary bladder and its applications. Journal of Biophotonics, 2018, 11, e201700317.	2.3	33
8	Non-invasive sentinel lymph node mapping and needle guidance using clinical handheld photoacoustic imaging system in small animal. Journal of Biophotonics, 2018, 11, e201700061.	2.3	53
9	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
10	Microfluidics-based microbubbles in methylene blue solution for photoacoustic and ultrasound imaging. , 2018, , .		1
11	Photoacoustic cystography using handheld dual modal clinical ultrasound photoacoustic imaging system. , 2018, , .		0
12	Optimising probe holder design for sentinel lymph node imaging using clinical photoacoustic system with Monte Carlo simulation. , 2017, , .		1
13	Hand-held Clinical Photoacoustic Imaging System for Real-time Non-invasive Small Animal Imaging. Journal of Visualized Experiments, 2017, , .	0.3	4
14	Near-infrared light-responsive liposomal contrast agent for photoacoustic imaging and drug release applications. Journal of Biomedical Optics, 2016, 22, 041007.	2.6	31
15	Optimizing light delivery through fiber bundle in photoacoustic imaging with clinical ultrasound system: Monte Carlo simulation and experimental validation. Journal of Biomedical Optics, 2016, 22, 041008.	2.6	51
16	In situ synthesis of gold nanostars within liposomes for controlled drug release and photoacoustic imaging. Science China Materials, 2016, 59, 892-900.	6.3	21
17	High frame rate photoacoustic imaging at 7000 frames per second using clinical ultrasound system. Biomedical Optics Express, 2016, 7, 312.	2.9	73
18	High frame rate photoacoustic imaging using clinical ultrasound system. , 2016, , .		3

#	ARTICLE	IF	CITATIONS
19	Recent Developments in Vascular Imaging Techniques in Tissue Engineering and Regenerative Medicine. BioMed Research International, 2015, 2015, 1-9.	1.9	74
20	High speed photoacoustic tomography system with low cost portable pulsed diode laser. , 2015, , .		0