

Kathyayini Sivasubramanian

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

404
citations

1040056

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1281871

11
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20
all docs

20
docs citations

20
times ranked

584
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Developments in Vascular Imaging Techniques in Tissue Engineering and Regenerative Medicine. BioMed Research International, 2015, 2015, 1-9.	1.9	74
2	High frame rate photoacoustic imaging at 7000 frames per second using clinical ultrasound system. Biomedical Optics Express, 2016, 7, 312.	2.9	73
3	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
4	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
5	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
6	Hand-held, clinical dual mode ultrasound photoacoustic imaging of rat urinary bladder and its applications. Journal of Biophotonics, 2018, 11, e201700317.	2.3	33
7	Near-infrared light-responsive liposomal contrast agent for photoacoustic imaging and drug release applications. Journal of Biomedical Optics, 2016, 22, 041007.	2.6	31
8	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
9	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
10	Deep learning-enhanced LED-based photoacoustic imaging. , 2020, , .		7
11	Hand-held Clinical Photoacoustic Imaging System for Real-time Non-invasive Small Animal Imaging. Journal of Visualized Experiments, 2017, , .	0.3	4
12	High frame rate photoacoustic imaging using clinical ultrasound system. , 2016, , .		3
13	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
14	Optimising probe holder design for sentinel lymph node imaging using clinical photoacoustic system with Monte Carlo simulation. , 2017, , .		1
15	Microfluidics-based microbubbles in methylene blue solution for photoacoustic and ultrasound imaging. , 2018, , .		1
16	High frame rate photoacoustic imaging of blood clots. , 2019, , .		1
17	High spatial resolution x-ray luminescence computed tomography and x-ray fluorescence computed tomography. , 2019, , .		1
18	High speed photoacoustic tomography system with low cost portable pulsed diode laser. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Photoacoustic cystography using handheld dual modal clinical ultrasound photoacoustic imaging system. , 2018, , .		0
20	Food based contrast agents for photoacoustic imaging. , 2020, , .		0