

Jianbo Tang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

594
citations

687363

13
h-index

752698

20
g-index

27
all docs

27
docs citations

27
times ranked

730
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic light scattering imaging. <i>Science Advances</i> , 2020, 6, .	10.3	80
2	Dynamic capillary stalls in reperfused ischemic penumbra contribute to injury: A hyperacute role for neutrophils in persistent traffic jams. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 236-252.	4.3	73
3	Wearable 3-D Photoacoustic Tomography for Functional Brain Imaging in Behaving Rats. <i>Scientific Reports</i> , 2016, 6, 25470.	3.3	64
4	Spatio-temporal dynamics of cerebral capillary segments with stalling red blood cells. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 886-900.	4.3	61
5	Noninvasive High-Speed Photoacoustic Tomography of Cerebral Hemodynamics in Awake-Moving Rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1224-1232.	4.3	54
6	Awake chronic mouse model of targeted pial vessel occlusion via photothrombosis. <i>Neurophotonics</i> , 2020, 7, 1.	3.3	32
7	Shear-induced diffusion of red blood cells measured with dynamic light scattering optical coherence tomography. <i>Journal of Biophotonics</i> , 2018, 11, e201700070.	2.3	28
8	Wearable scanning photoacoustic brain imaging in behaving rats. <i>Journal of Biophotonics</i> , 2016, 9, 570-575.	2.3	27
9	Capillary red blood cell velocimetry by phase-resolved optical coherence tomography. <i>Optics Letters</i> , 2017, 42, 3976.	3.3	27
10	Chronic Cranial Windows for Long Term Multimodal Neurovascular Imaging in Mice. <i>Frontiers in Physiology</i> , 2020, 11, 612678.	2.8	25
11	Fast noninvasive functional diffuse optical tomography for brain imaging. <i>Journal of Biophotonics</i> , 2018, 11, e201600267.	2.3	21
12	Normalized field autocorrelation function-based optical coherence tomography three-dimensional angiography. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	2.6	21
13	Functional Ultrasound Speckle Decorrelation-Based Velocimetry of the Brain. <i>Advanced Science</i> , 2020, 7, 2001044.	11.2	19
14	Improving the characterization of ex vivo human brain optical properties using high numerical aperture optical coherence tomography by spatially constraining the confocal parameters. <i>Neurophotonics</i> , 2020, 7, 045005.	3.3	14
15	Confocal simultaneous phase-shifting interferometry. <i>Applied Optics</i> , 2011, 50, 655.	2.1	8
16	Single Element-Based Dual Focused Photoacoustic Microscopy. <i>Photonics</i> , 2015, 2, 156-163.	2.0	7
17	Stroke core revealed by tissue scattering using spatial frequency domain imaging. <i>NeuroImage: Clinical</i> , 2021, 29, 102539.	2.7	7
18	Improved Color Doppler for Cerebral Blood Flow Axial Velocity Imaging. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 758-764.	8.9	7

#	ARTICLE	IF	CITATIONS
19	Imaging localized fast optical signals of neural activation with optical coherence tomography in awake mice. Optics Letters, 2021, 46, 1744.	3.3	7
20	Blood vessel tail artifacts suppression in optical coherence tomography angiography. Neurophotonics, 2022, 9, 021906.	3.3	5
21	Measurement of shear-induced diffusion of red blood cells using dynamic light scattering-optical coherence tomography. , 2018, , .		1
22	Miniaturized Scanning Photoacoustic Imaging for Brain Study in Behaving Rats. , 2016, , .		0
23	3-D Photoacoustic Tomography Brain Imaging in Behaving Animals. , 2016, , .		0