

Jianbo Tang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/733365/publications.pdf>

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	Blood vessel tail artifacts suppression in optical coherence tomography angiography. Neurophotonics, 2022, 9, 021906.	3.3	5
2	Dynamic capillary stalls in reperfused ischemic penumbra contribute to injury: A hyperacute role for neutrophils in persistent traffic jams. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 236-252.	4.3	73
3	Stroke core revealed by tissue scattering using spatial frequency domain imaging. NeuroImage: Clinical, 2021, 29, 102539.	2.7	7
4	Improved Color Doppler for Cerebral Blood Flow Axial Velocity Imaging. IEEE Transactions on Medical Imaging, 2021, 40, 758-764.	8.9	7
5	Imaging localized fast optical signals of neural activation with optical coherence tomography in awake mice. Optics Letters, 2021, 46, 1744.	3.3	7
6	Dynamic light scattering imaging. Science Advances, 2020, 6, .	10.3	80
7	Functional Ultrasound Speckle Decorrelation-Based Velocimetry of the Brain. Advanced Science, 2020, 7, 2001044.	11.2	19
8	Chronic Cranial Windows for Long Term Multimodal Neurovascular Imaging in Mice. Frontiers in Physiology, 2020, 11, 612678.	2.8	25
9	Awake chronic mouse model of targeted pial vessel occlusion via photothrombosis. Neurophotonics, 2020, 7, 1.	3.3	32
10	Improving the characterization of ex vivo human brain optical properties using high numerical aperture optical coherence tomography by spatially constraining the confocal parameters. Neurophotonics, 2020, 7, 045005.	3.3	14
11	Spatio-temporal dynamics of cerebral capillary segments with stalling red blood cells. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 886-900.	4.3	61
12	Normalized field autocorrelation function-based optical coherence tomography three-dimensional angiography. Journal of Biomedical Optics, 2019, 24, 1.	2.6	21
13	Fast noninvasive functional diffuse optical tomography for brain imaging. Journal of Biophotonics, 2018, 11, e201600267.	2.3	21
14	Shear-induced diffusion of red blood cells measured with dynamic light scattering—optical coherence tomography. Journal of Biophotonics, 2018, 11, e201700070.	2.3	28
15	Measurement of shear-induced diffusion of red blood cells using dynamic light scattering-optical coherence tomography. , 2018, , .		1
16	Capillary red blood cell velocimetry by phase-resolved optical coherence tomography. Optics Letters, 2017, 42, 3976.	3.3	27
17	Wearable scanning photoacoustic brain imaging in behaving rats. Journal of Biophotonics, 2016, 9, 570-575.	2.3	27
18	Wearable 3-D Photoacoustic Tomography for Functional Brain Imaging in Behaving Rats. Scientific Reports, 2016, 6, 25470.	3.3	64

#	ARTICLE	IF	CITATIONS
19	Miniaturized Scanning Photoacoustic Imaging for Brain Study in Behaving Rats. , 2016, , .		0
20	3-D Photoacoustic Tomography Brain Imaging in Behaving Animals. , 2016, , .		0
21	Single Element-Based Dual Focused Photoacoustic Microscopy. Photonics, 2015, 2, 156-163.	2.0	7
22	Noninvasive High-Speed Photoacoustic Tomography of Cerebral Hemodynamics in Awake-Moving Rats. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1224-1232.	4.3	54
23	Confocal simultaneous phase-shifting interferometry. Applied Optics, 2011, 50, 655.	2.1	8