

Arkadii Abdurashitov

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

284
citations

1163117

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1125743

13
g-index

21
all docs

21
docs citations

21
times ranked

227
citing authors

#	ARTICLE	IF	CITATIONS
1	Pilot study of transcranial photobiomodulation of lymphatic clearance of beta-amyloid from the mouse brain: breakthrough strategies for non-pharmacologic therapy of Alzheimer's disease. <i>Biomedical Optics Express</i> , 2019, 10, 4003.	2.9	56
2	Photobiomodulation of lymphatic drainage and clearance: perspective strategy for augmentation of meningeal lymphatic functions. <i>Biomedical Optics Express</i> , 2020, 11, 725.	2.9	44
3	Application of optical coherence tomography for in vivo monitoring of the meningeal lymphatic vessels during opening of blood-brain barrier: mechanisms of brain clearing. <i>Journal of Biomedical Optics</i> , 2017, 22, 1.	2.6	43
4	Photodynamic opening of the blood-brain barrier and pathways of brain clearing. <i>Journal of Biophotonics</i> , 2018, 11, e201700287.	2.3	42
5	Photostimulation of cerebral and peripheral lymphatic functions. <i>Translational Biophotonics</i> , 2020, 2, e201900036.	2.7	28
6	Photodynamic therapy of brain tumors and novel optical coherence tomography strategies for in vivo monitoring of cerebral fluid dynamics. <i>Journal of Innovative Optical Health Sciences</i> , 2020, 13, .	1.0	18
7	Optical monitoring of stress-related changes in the brain tissues and vessels associated with hemorrhagic stroke in newborn rats. <i>Biomedical Optics Express</i> , 2015, 6, 4088.	2.9	15
8	Lightsheet-based flow cytometer for whole blood with the ability for the magnetic retrieval of objects from the blood flow. <i>Biomedical Optics Express</i> , 2021, 12, 380.	2.9	9
9	Off-axis holographic laser speckle contrast imaging of blood vessels in tissues. <i>Journal of Biomedical Optics</i> , 2017, 22, 091514.	2.6	7
10	A robust model of an OCT signal in a spectral domain. <i>Laser Physics Letters</i> , 2018, 15, 086201.	1.4	7
11	The Stress and Vascular Catastrophes in Newborn Rats: Mechanisms Preceding and Accompanying the Brain Hemorrhages. <i>Frontiers in Physiology</i> , 2016, 7, 210.	2.8	6
12	Optical coherence microangiography of the mouse kidney for diagnosis of circulatory disorders. <i>Biomedical Optics Express</i> , 2021, 12, 4467.	2.9	6
13	Lymphatic clearance from the blood after subarachnoid hemorrhages. , 2019, , .		2
14	Cerebral venous circulatory disturbance as an informative prognostic marker for neonatal hemorrhagic stroke. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
15	Photodynamic diagnostics of stress-induced gastrointestinal neoplasia in laboratory animals using 5-aminolevulinic acid and Al-phthalocyanine. , 2018, , .		0
16	The interaction between the meningeal lymphatics and blood-brain barrier. , 2018, , .		0
17	Entrainment between the dynamics of cerebral and peripheral blood flow characterized by wavelet coherence. , 2019, , .		0
18	Ellipticity imaging for visualizing and quantifying long and short range correlations in laser speckle data II: phantom and animal studies. , 2019, , .		0

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19	Adjustment of the cerebral and peripheral blood flow dynamics at the pre-stroke stage. , 2019, , .		0
20	Phenomenon of atypical vascular effects of epinephrine and an increase of photodynamic response by nitroglycerin in rats with colon adenocarcinoma: adrenergic and nitrenergic mechanisms and novel applied aspects. Biomedical Optics Express, 2019, 10, 4115.	2.9	0