

Alexander A Moiseev

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

319
citations

1040056

9
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

238
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid M-mode-like OCT imaging of three-dimensional microvasculature in vivo using reference-free processing of complex valued B-scans. <i>Optics Letters</i> , 2015, 40, 1472.	3.3	61
2	Cross-Polarization Optical Coherence Tomography for Brain Tumor Imaging. <i>Frontiers in Oncology</i> , 2019, 9, 201.	2.8	48
3	Optical coherence tomography-based angiography device with real-time angiography B-scans visualization and hand-held probe for everyday clinical use. <i>Journal of Biophotonics</i> , 2018, 11, e201700292.	2.3	47
4	Quantitative nontumorous and tumorous human brain tissue assessment using microstructural co- and cross-polarized optical coherence tomography. <i>Scientific Reports</i> , 2019, 9, 2024.	3.3	42
5	Pixel classification method in optical coherence tomography for tumor segmentation and its complementary usage with OCT microangiography. <i>Journal of Biophotonics</i> , 2018, 11, e201700072.	2.3	29
6	Optical coefficients as tools for increasing the optical coherence tomography contrast for normal brain visualization and glioblastoma detection. <i>Neurophotonics</i> , 2019, 6, 1.	3.3	16
7	OCT-Guided Surgery for Gliomas: Current Concept and Future Perspectives. <i>Diagnostics</i> , 2022, 12, 335.	2.6	14
8	Tissue optical properties estimation from cross-polarization OCT data for breast cancer margin assessment. <i>Laser Physics Letters</i> , 2020, 17, 075602.	1.4	12
9	Medium chromatic dispersion calculation and correction in spectral-domain optical coherence tomography. <i>Frontiers of Optoelectronics</i> , 2017, 10, 323-328.	3.7	9
10	Prospects of Intraoperative Multimodal OCT Application in Patients with Acute Mesenteric Ischemia. <i>Diagnostics</i> , 2021, 11, 705.	2.6	9
11	Computationally efficient model of OCT scan formation by focused beams and its usage to demonstrate a novel principle of OCT-angiography. <i>Laser Physics Letters</i> , 2020, 17, 115604.	1.4	7
12	Digital refocusing in optical coherence tomography using finite impulse response filters. <i>Laser Physics Letters</i> , 2018, 15, 095601.	1.4	6
13	Lymph vessels visualization from optical coherence tomography data using depth-resolved attenuation coefficient calculation. <i>Journal of Biophotonics</i> , 2021, 14, e202100055.	2.3	6
14	Simulating scan formation in multimodal optical coherence tomography: angular-spectrum formulation based on ballistic scattering of arbitrary-form beams. <i>Biomedical Optics Express</i> , 2021, 12, 7599.	2.9	5
15	Attenuation coefficient for layer-by-layer assessment of the intestinal wall in acute ischemia according to optical coherence tomography. <i>Laser Physics Letters</i> , 2022, 19, 075605.	1.4	3
16	Optical Coherence Tomography Angiography and Attenuation Imaging for Label-Free Observation of Functional Changes in the Intestine after Sympathectomy: A Pilot Study. <i>Photonics</i> , 2022, 9, 304.	2.0	2
17	Optical coherence angiography without motion correction preprocessing. <i>Laser Physics Letters</i> , 2019, 16, 045601.	1.4	1
18	Low-scattering volumes visualisation from optical coherence tomography data and its applications in otolaryngology. <i>Laser Physics Letters</i> , 2020, 17, 035601.	1.4	1

#	ARTICLE	IF	CITATIONS
19	Multimodal OCT for Malignancy Imaging. , 2020, , 425-464.		1
20	Slow axis displacement correction for stripe artefact removal in optical coherence angiography. Laser Physics Letters, 2020, 17, 115603.	1.4	0
21	Monitoring of the state of intramural intestinal vessels in acute mesenteric ischemia with optical coherence angiography. Kazan Medical Journal, 2022, 103, 445-454.	0.2	0