Elena B Kiseleva

List of Publications by Year
in descending order

41	522	758635	676716
papers	citations	12 h-index	22 g-index

45	45	45	463
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	OCT-Guided Surgery for Gliomas: Current Concept and Future Perspectives. Diagnostics, 2022, 12, 335.	1.3	14
2	Brain white matter morphological structure correlation with its optical properties estimated from optical coherence tomography (OCT) data. Biomedical Optics Express, 2022, 13, 2393.	1.5	6
3	Optical Coherence Tomography Angiography and Attenuation Imaging for Label-Free Observation of Functional Changes in the Intestine after Sympathectomy: A Pilot Study. Photonics, 2022, 9, 304.	0.9	2
4	Attenuation coefficient for layer-by-layer assessment of the intestinal wall in acute ischemia according to optical coherence tomography. Laser Physics Letters, 2022, 19, 075605.	0.6	3
5	Monitoring of the state of intramural intestinal vessels in acute mesenteric ischemia with optical coherence angiography. Kazan Medical Journal, 2022, 103, 445-454.	0.1	0
6	Prospects of Intraoperative Multimodal OCT Application in Patients with Acute Mesenteric Ischemia. Diagnostics, 2021, 11, 705.	1.3	9
7	Late Changes in the Extracellular Matrix of the Bladder after Radiation Therapy for Pelvic Tumors. Diagnostics, 2021, 11, 1615.	1.3	0
8	Diagnostic Accuracy of Cross-Polarization OCT and OCT-Elastography for Differentiation of Breast Cancer Subtypes: Comparative Study. Diagnostics, 2020, 10, 994.	1.3	24
9	New Approaches in the Study of the Pathogenesis of Urethral Pain Syndrome. Diagnostics, 2020, 10, 860.	1.3	5
10	Tissue optical properties estimation from cross-polarization OCT data for breast cancer margin assessment. Laser Physics Letters, 2020, 17, 075602.	0.6	12
11	In vivo assessment of structural changes of the urethra in lower urinary tract disease using cross-polarization optical coherence tomography. Journal of Innovative Optical Health Sciences, 2020, 13, 2050024.	0.5	6
12	Multimodal OCT for Malignancy Imaging. , 2020, , 425-464.		1
13	Cross-Polarization Optical Coherence Tomography for Brain Tumor Imaging. Frontiers in Oncology, 2019, 9, 201.	1.3	48
14	Quantitative nontumorous and tumorous human brain tissue assessment using microstructural co- and cross-polarized optical coherence tomography. Scientific Reports, 2019, 9, 2024.	1.6	42
15	Optical coefficients as tools for increasing the optical coherence tomography contrast for normal brain visualization and glioblastoma detection. Neurophotonics, 2019, 6, 1.	1.7	16
16	Structural features of the urethra in patients with urethral pain syndrome. Experimental and Ð¡linical Urology, 2019, 11, 170-177.	0.0	2
17	Early Effects of Ionizing Radiation on the Collagen Hierarchical Structure of Bladder and Rectum Visualized by Atomic Force Microscopy. Microscopy and Microanalysis, 2018, 24, 38-48.	0.2	11
18	Pixel classification method in optical coherence tomography for tumor segmentation and its complementary usage with OCT microangiography. Journal of Biophotonics, 2018, 11, e201700072.	1.1	29

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19	Optical coherence tomographyâ€based angiography device with realâ€time angiography Bâ€scans visualization and handâ€held probe for everyday clinical use. Journal of Biophotonics, 2018, 11, e201700292.	1.1	47
20	Quantitative assessment of radiation-induced changes of bladder and rectum collagen structure using optical methods. Journal of Biomedical Optics, 2018, 23, 1.	1.4	5
21	Multiphoton tomography and multimodal OCT for in vivo visualization of oral malignancy in the hamster cheek pouch. , 2018, , .		1
22	Visual assessment criteria of microstructural ex vivo co-and cross-polarized optical coherence tomography images in gliomas. , 2018, , .		1
23	The Role of Intramural Bloodstream Dysfunction in the Development of Small Intestine Ischemic Necrosis. Novosti Khirurgii, 2018, 26, 135-145.	0.2	1
24	Multimodal optical coherence tomography for in vivo imaging of brain tissue structure and microvascular network at glioblastoma. , 2017, , .		5
25	Multimodal OCT for assessment of vasculature-targeted PDT success. , 2017, , .		0
26	Multi-modal optical imaging characterization of atherosclerotic plaques. Journal of Biophotonics, 2016, 9, 1009-1020.	1.1	17
27	Quantitative evaluation of atherosclerotic plaques using cross-polarization optical coherence tomography, nonlinear, and atomic force microscopy. Journal of Biomedical Optics, 2016, 21, 126010.	1.4	11
28	OCT-based approach to local relaxations discrimination from translational relaxation motions. Proceedings of SPIE, 2016, , .	0.8	0
29	Quantitative analysis of the polarization characteristics of atherosclerotic plaques. Proceedings of SPIE, 2016, , .	0.8	1
30	Characterization of atherosclerotic plaques by cross-polarization optical coherence tomography. , 2016, , .		1
31	Effects of gamma irradiation on collagen damage and remodeling. International Journal of Radiation Biology, 2015, 91, 240-247.	1.0	35
32	Differential diagnosis of human bladder mucosa pathologies in vivo with cross-polarization optical coherence tomography. Biomedical Optics Express, 2015, 6, 1464.	1.5	48
33	Towards advanced OCT clinical applications. , 2015, , .		1
34	The study of radiation-induced damage and remodeling of extracellular matrix of rectum and bladder by second-harmonic generation microscopy. , 2014, , .		1
35	Evaluation of oral mucosa collagen condition with crossâ€polarization optical coherence tomography. Journal of Biophotonics, 2013, 6, 321-329.	1.1	23
36	Oral mucosa response to laser patterned microcoagulation (LPM) treatment. An animal study. Lasers in Medical Science, 2013, 28, 25-31.	1.0	12

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37	Combined use of fluorescence cystoscopy and crossâ€polarization OCT for diagnosis of bladder cancer and correlation with immunohistochemical markers. Journal of Biophotonics, 2013, 6, 687-698.	1.1	22
38	Crossâ€polarization optical coherence tomography for early bladderâ€cancer detection: statistical study. Journal of Biophotonics, 2011, 4, 519-532.	1.1	41
39	Application of optical coherence tomography in the diagnosis of mucositis in patients with head and neck cancer during a course of radio(chemo)therapy. Medical Laser Application: International Journal for Laser Treatment and Research, 2008, 23, 186-195.	0.4	10
40	Cross-Polarization OCT for In Vivo Diagnostics and Prediction of Bladder Cancer. , 0, , .		2
41	Highly Invasive Fluorescent/Bioluminescent Patient-Derived Orthotopic Model of Glioblastoma in Mice. Frontiers in Oncology, 0, 12, .	1.3	4