

# Elena B Kiseleva

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

522  
citations

758635

12  
h-index

676716

22  
g-index

45  
all docs

45  
docs citations

45  
times ranked

463  
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential diagnosis of human bladder mucosa pathologies in vivo with cross-polarization optical coherence tomography. <i>Biomedical Optics Express</i> , 2015, 6, 1464.	1.5	48
2	Cross-Polarization Optical Coherence Tomography for Brain Tumor Imaging. <i>Frontiers in Oncology</i> , 2019, 9, 201.	1.3	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.	1.1	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.	1.6	42
5	Cross-polarization optical coherence tomography for early bladder cancer detection: statistical study. <i>Journal of Biophotonics</i> , 2011, 4, 519-532.	1.1	41
6	Effects of gamma irradiation on collagen damage and remodeling. <i>International Journal of Radiation Biology</i> , 2015, 91, 240-247.	1.0	35
7	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.	1.1	29
8	Diagnostic Accuracy of Cross-Polarization OCT and OCT-Elastography for Differentiation of Breast Cancer Subtypes: Comparative Study. <i>Diagnostics</i> , 2020, 10, 994.	1.3	24
9	Evaluation of oral mucosa collagen condition with cross-polarization optical coherence tomography. <i>Journal of Biophotonics</i> , 2013, 6, 321-329.	1.1	23
10	Combined use of fluorescence cystoscopy and cross-polarization OCT for diagnosis of bladder cancer and correlation with immunohistochemical markers. <i>Journal of Biophotonics</i> , 2013, 6, 687-698.	1.1	22
11	Multi-modal optical imaging characterization of atherosclerotic plaques. <i>Journal of Biophotonics</i> , 2016, 9, 1009-1020.	1.1	17
12	Optical coefficients as tools for increasing the optical coherence tomography contrast for normal brain visualization and glioblastoma detection. <i>Neurophotonics</i> , 2019, 6, 1.	1.7	16
13	OCT-Guided Surgery for Gliomas: Current Concept and Future Perspectives. <i>Diagnostics</i> , 2022, 12, 335.	1.3	14
14	Oral mucosa response to laser patterned microcoagulation (LPM) treatment. An animal study. <i>Lasers in Medical Science</i> , 2013, 28, 25-31.	1.0	12
15	Tissue optical properties estimation from cross-polarization OCT data for breast cancer margin assessment. <i>Laser Physics Letters</i> , 2020, 17, 075602.	0.6	12
16	Quantitative evaluation of atherosclerotic plaques using cross-polarization optical coherence tomography, nonlinear, and atomic force microscopy. <i>Journal of Biomedical Optics</i> , 2016, 21, 126010.	1.4	11
17	Early Effects of Ionizing Radiation on the Collagen Hierarchical Structure of Bladder and Rectum Visualized by Atomic Force Microscopy. <i>Microscopy and Microanalysis</i> , 2018, 24, 38-48.	0.2	11
18	Application of optical coherence tomography in the diagnosis of mucositis in patients with head and neck cancer during a course of radio(chemo)therapy. <i>Medical Laser Application: International Journal for Laser Treatment and Research</i> , 2008, 23, 186-195.	0.4	10

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19	Prospects of Intraoperative Multimodal OCT Application in Patients with Acute Mesenteric Ischemia. <i>Diagnostics</i> , 2021, 11, 705.	1.3	9
20	In vivo assessment of structural changes of the urethra in lower urinary tract disease using cross-polarization optical coherence tomography. <i>Journal of Innovative Optical Health Sciences</i> , 2020, 13, 2050024.	0.5	6
21	Brain white matter morphological structure correlation with its optical properties estimated from optical coherence tomography (OCT) data. <i>Biomedical Optics Express</i> , 2022, 13, 2393.	1.5	6
22	Multimodal optical coherence tomography for in vivo imaging of brain tissue structure and microvascular network at glioblastoma. , 2017, , .		5
23	New Approaches in the Study of the Pathogenesis of Urethral Pain Syndrome. <i>Diagnostics</i> , 2020, 10, 860.	1.3	5
24	Quantitative assessment of radiation-induced changes of bladder and rectum collagen structure using optical methods. <i>Journal of Biomedical Optics</i> , 2018, 23, 1.	1.4	5
25	Highly Invasive Fluorescent/Bioluminescent Patient-Derived Orthotopic Model of Glioblastoma in Mice. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	4
26	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.	0.6	3
27	Cross-Polarization OCT for In Vivo Diagnostics and Prediction of Bladder Cancer. , 0, , .		2
28	Structural features of the urethra in patients with urethral pain syndrome. <i>Experimental and Clinical Urology</i> , 2019, 11, 170-177.	0.0	2
29	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.	0.9	2
30	The study of radiation-induced damage and remodeling of extracellular matrix of rectum and bladder by second-harmonic generation microscopy. , 2014, , .		1
31	Towards advanced OCT clinical applications. , 2015, , .		1
32	Quantitative analysis of the polarization characteristics of atherosclerotic plaques. <i>Proceedings of SPIE</i> , 2016, , .	0.8	1
33	Characterization of atherosclerotic plaques by cross-polarization optical coherence tomography. , 2016, , .		1
34	Multiphoton tomography and multimodal OCT for in vivo visualization of oral malignancy in the hamster cheek pouch. , 2018, , .		1
35	Visual assessment criteria of microstructural ex vivo co-and cross-polarized optical coherence tomography images in gliomas. , 2018, , .		1
36	The Role of Intramural Bloodstream Dysfunction in the Development of Small Intestine Ischemic Necrosis. <i>Novosti Khirurgii</i> , 2018, 26, 135-145.	0.2	1

#	ARTICLE	IF	CITATIONS
37	Multimodal OCT for Malignancy Imaging. , 2020, , 425-464.		1
38	OCT-based approach to local relaxations discrimination from translational relaxation motions. Proceedings of SPIE, 2016, , .	0.8	0
39	Multimodal OCT for assessment of vasculature-targeted PDT success. , 2017, , .		0
40	Late Changes in the Extracellular Matrix of the Bladder after Radiation Therapy for Pelvic Tumors. Diagnostics, 2021, 11, 1615.	1.3	0
41	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