

# Natalia A Shushunova

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/175117/publications.pdf>

Version: 2024-02-01

16  
papers

192  
citations

1478505

6  
h-index

1199594

12  
g-index

17  
all docs

17  
docs citations

17  
times ranked

215  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photodynamic opening of blood-brain barrier. <i>Biomedical Optics Express</i> , 2017, 8, 5040.	2.9	49
2	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
3	Photodynamic opening of the blood-brain barrier and pathways of brain clearing. <i>Journal of Biophotonics</i> , 2018, 11, e201700287.	2.3	42
4	Target delivery of drug carriers in mice kidney glomeruli via renal artery. Balance between efficiency and safety. <i>Journal of Controlled Release</i> , 2021, 329, 175-190.	9.9	20
5	Detection of Melanoma Cells in Whole Blood Samples Using Spectral Imaging and Optical Clearing. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2021, 27, 1-11.	2.9	10
6	Intravital molecular tagging velocimetry of cerebral blood flow using Evans Blue. <i>Journal of Biophotonics</i> , 2018, 11, e201700343.	2.3	8
7	Optical coherence microangiography of the mouse kidney for diagnosis of circulatory disorders. <i>Biomedical Optics Express</i> , 2021, 12, 4467.	2.9	6
8	Renal Artery Catheterization for Microcapsules™ Targeted Delivery to the Mouse Kidney. <i>Pharmaceutics</i> , 2022, 14, 1056.	4.5	5
9	Characterization of cerebral blood flow dynamics with multiscale entropy. <i>Journal of Innovative Optical Health Sciences</i> , 2017, 10, 1743005.	1.0	4
10	Dynamic blood flow phantom for in vivo liquid biopsy standardization. <i>Scientific Reports</i> , 2021, 11, 1185.	3.3	3
11	Lymphatic Meningeal Role in Processes of Brain Clearing: in vivo Visualization. <i>Izvestiya of Saratov University New Series Series: Chemistry Biology Ecology</i> , 2018, 18, 433-438.	0.1	1
12	Laser-induced generation of single oxygen: new strategies in treatment of brain tumor. , 2017, , .		0
13	Corrections to "Detection of Melanoma Cells in Whole Blood Samples Using Spectral Imaging and Optical Clearing" [Jul/Aug 21 Art. no. 7200711]. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2021, 27, 1-1.	2.9	0
14	Photodynamic diagnostics of stress-induced gastrointestinal neoplasia in laboratory animals using 5-aminolevulinic acid and Al-phthalocyanine. , 2018, , .		0
15	The interaction between the meningeal lymphatics and blood-brain barrier. , 2018, , .		0
16	Optical monitoring of the meningeal lymphatic clearance after opening of blood-brain barrier. , 2019, , .		0