

Alexander Priezzhev

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10891796/publications.pdf>

Version: 2024-02-01

11
papers

175
citations

1478505

6
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

295
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanodiamonds for Medical Applications: Interaction with Blood in Vitro and in Vivo. International Journal of Molecular Sciences, 2016, 17, 1111.	4.1	68
2	The influence of nanodiamond on the oxygenation states and micro rheological properties of human red blood cells <i>&lt;italic>in vitro&/i>. Journal of Biomedical Optics, 2012, 17, 101512.</i>	2.6	45
3	Dextran adsorption onto red blood cells revisited: single cell quantification by laser tweezers combined with microfluidics. Biomedical Optics Express, 2018, 9, 2755.	2.9	18
4	Effect of Red Blood Cell Aging In Vivo on Their Aggregation Properties In Vitro: Measurements with Laser Tweezers. Applied Sciences (Switzerland), 2020, 10, 7581.	2.5	15
5	Raman Spectroscopic Study of TiO ₂ Nanoparticlesâ€™ Effects on the Hemoglobin State in Individual Red Blood Cells. Materials, 2021, 14, 5920.	2.9	12
6	Multimodal Diagnostics of Microrheologic Alterations in Blood of Coronary Heart Disease and Diabetic Patients. Diagnostics, 2021, 11, 76.	2.6	8
7	Problems of Red Blood Cell Aggregation and Deformation Assessed by Laser Tweezers, Diffuse Light Scattering and Laser Diffractometry. Photonics, 2022, 9, 238.	2.0	5
8	Recent progress in optical probing and manipulation of tissue: introduction. Biomedical Optics Express, 2019, 10, 5159.	2.9	3
9	Characterization of natural and irradiated nails by means of the depolarization metrics. Journal of Biomedical Optics, 2016, 21, 071108.	2.6	1
10	Laser-optic studies in hemorheology. , 2018, , .		0
11	Special Section Guest Editorial: Advanced Laser Technologies for Biophotonics. Journal of Biomedical Optics, 2017, 22, 1.	2.6	0