

# Alexander Priezzhev

## List of Publications by Year in descending order

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

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11  
papers

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1478505

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times ranked

295  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Multimodal Diagnostics of Microrheologic Alterations in Blood of Coronary Heart Disease and Diabetic Patients. Diagnostics, 2021, 11, 76.	2.6	8
3	Raman Spectroscopic Study of TiO <sub>2</sub> Nanoparticlesâ€™ Effects on the Hemoglobin State in Individual Red Blood Cells. Materials, 2021, 14, 5920.	2.9	12
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	Recent progress in optical probing and manipulation of tissue: introduction. Biomedical Optics Express, 2019, 10, 5159.	2.9	3
6	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
7	Laser-optic studies in hemorheology. , 2018, , .		0
8	Special Section Guest Editorial: Advanced Laser Technologies for Biophotonics. Journal of Biomedical Optics, 2017, 22, 1.	2.6	0
9	Nanodiamonds for Medical Applications: Interaction with Blood in Vitro and in Vivo. International Journal of Molecular Sciences, 2016, 17, 1111.	4.1	68
10	Characterization of natural and irradiated nails by means of the depolarization metrics. Journal of Biomedical Optics, 2016, 21, 071108.	2.6	1
11	The influence of nanodiamond on the oxygenation states and micro rheological properties of human red blood cells <i>in vitro</i> . Journal of Biomedical Optics, 2012, 17, 101512.	2.6	45