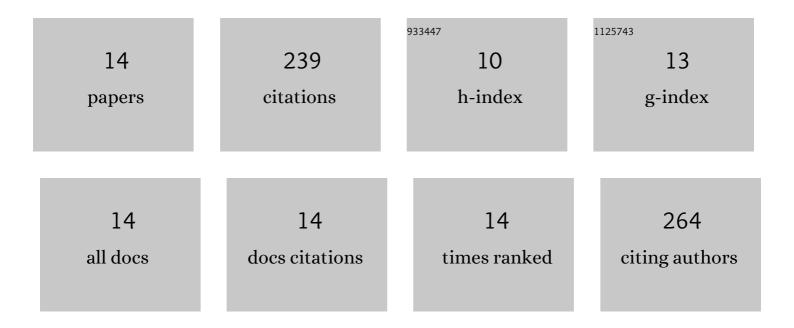
Anastasiya I Konokhova

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Light-scattering flow cytometry for identification and characterization of blood microparticles. Journal of Biomedical Optics, 2012, 17, 057006.	2.6	47
2	Accurate measurement of volume and shape of resting and activated blood platelets from light scattering. Journal of Biomedical Optics, 2013, 18, 017001.	2.6	45
3	Highâ€precision characterization of individual <i>E. coli</i> cell morphology by scanning flow cytometry. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2013, 83A, 568-575.	1.5	30
4	Superâ€resolved calibrationâ€free flow cytometric characterization of platelets and cellâ€derived microparticles in plateletâ€rich plasma. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2016, 89, 159-168.	1.5	28
5	Enhanced characterisation of milk fat globules by their size, shape and refractive index with scanning flow cytometry. International Dairy Journal, 2014, 39, 316-323.	3.0	19
6	Fluorescenceâ€free flow cytometry for measurement of shape index distribution of resting, partially activated, and fully activated platelets. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2016, 89, 1010-1016.	1.5	17
7	Chylomicrons against light scattering: The battle for characterization. Journal of Biophotonics, 2018, 11, e201700381.	2.3	12
8	Sensitive detection and estimation of particle non-sphericity from the complex Fourier spectrum of its light-scattering profile. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 235, 317-331.	2.3	12
9	Spectral solution of the inverse Mie problem. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 200, 280-294.	2.3	11
10	Light-scattering gating and characterization of plasma microparticles. Journal of Biomedical Optics, 2016, 21, 115003.	2.6	10
11	Ultimate peculiarity in angular spectrum enhances the parametric solution of the inverse Mie problem. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 235, 204-208.	2.3	6
12	Nuclear apoptotic volume decrease in individual cells: Confocal microscopy imaging and kinetic modeling. Journal of Theoretical Biology, 2018, 454, 60-69.	1.7	1
13	Proposed Dynamics of CDB3 Activation in Human Erythrocytes by Nifedipine Studied with Scanning Flow Cytometry. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2019, 95, 1275-1284.	1.5	1
14	Light scattering into two fixed angles vs. angle-resolved measurements for characterization of single submicron particles. , 2016, , .		0