

Anastasiya I Konokhova

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

239
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

264
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-scattering flow cytometry for identification and characterization of blood microparticles. <i>Journal of Biomedical Optics</i> , 2012, 17, 057006.	2.6	47
2	Accurate measurement of volume and shape of resting and activated blood platelets from light scattering. <i>Journal of Biomedical Optics</i> , 2013, 18, 017001.	2.6	45
3	High-precision characterization of individual <i>E. coli</i> cell morphology by scanning flow cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83A, 568-575.	1.5	30
4	Super-resolution calibration-free flow cytometric characterization of platelets and cell-derived microparticles in platelet-rich plasma. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 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. <i>International Dairy Journal</i> , 2014, 39, 316-323.	3.0	19
6	Fluorescence-free flow cytometry for measurement of shape index distribution of resting, partially activated, and fully activated platelets. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016, 89, 1010-1016.	1.5	17
7	Chylomicrons against light scattering: The battle for characterization. <i>Journal of Biophotonics</i> , 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. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2019, 235, 317-331.	2.3	12
9	Spectral solution of the inverse Mie problem. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 200, 280-294.	2.3	11
10	Light-scattering gating and characterization of plasma microparticles. <i>Journal of Biomedical Optics</i> , 2016, 21, 115003.	2.6	10
11	Ultimate peculiarity in angular spectrum enhances the parametric solution of the inverse Mie problem. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2019, 235, 204-208.	2.3	6
12	Nuclear apoptotic volume decrease in individual cells: Confocal microscopy imaging and kinetic modeling. <i>Journal of Theoretical Biology</i> , 2018, 454, 60-69.	1.7	1
13	Proposed Dynamics of CDB3 Activation in Human Erythrocytes by Nifedipine Studied with Scanning Flow Cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 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