

Ilya Burkhanov

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

149
citations

1478505

6
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

106
citing authors

#	ARTICLE	IF	CITATIONS
1	The spectra of stimulated concentration scattering (Mie scattering) on nanoparticles latex suspension in the presence of convection. Journal of Physics: Conference Series, 2016, 747, 012055.	0.4	1
2	Influence of convection on the stimulated concentration light scattering. Journal of Physics: Conference Series, 2016, 735, 012022.	0.4	0
3	Stimulated concentration (diffusion) light scattering on nanoparticles in a liquid suspension. Quantum Electronics, 2016, 46, 548-554.	1.0	4
4	Stokes and anti-stokes stimulated Mie scattering on nanoparticle suspensions of latex. Optics Communications, 2016, 381, 360-364.	2.1	6
5	Nanoscale metal oxide particles produced in the plasma discharge in the liquid phase upon exposure to ultrasonic cavitation. 3. Optical nonlinearities of particle suspensions. Bulletin of the Lebedev Physics Institute, 2016, 43, 174-178.	0.6	1
6	Nanoscale metal oxide particles produced in the plasma discharge in the liquid phase upon exposure to ultrasonic cavitation. 1. Method for producing particles. Bulletin of the Lebedev Physics Institute, 2014, 41, 264-268.	0.6	35
7	Nanoscale metal oxide particles produced in the plasma discharge in the liquid phase upon exposure to ultrasonic cavitation. 2. Sizes and stability. Dynamic light scattering study. Bulletin of the Lebedev Physics Institute, 2014, 41, 297-304.	0.6	26
8	Study of the nanobubble phase of aqueous NaCl solutions by dynamic light scattering. Quantum Electronics, 2014, 44, 1022-1028.	1.0	14
9	Stimulated diffusion light scattering on variations of particles concentration in liquids. , 2013, , .		3
10	Nanobubble clusters of dissolved gas in aqueous solutions of electrolyte. I. Experimental proof. Journal of Chemical Physics, 2012, 137, 054706.	3.0	48
11	Effective acousto-optical interactions in suspensions of nanodiamond particles. Journal of Russian Laser Research, 2012, 33, 496-502.	0.6	7
12	Experimental attempt to detect stimulated "diffusion" scattering by particles in liquid. Bulletin of the Lebedev Physics Institute, 2012, 39, 77-83.	0.6	4