Ilya Burkhanov

List of Publications by Year
in descending order

12	149	1478505 6	1372567 10
papers	citations	h-index	g-index

12	12	12	106
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanobubble clusters of dissolved gas in aqueous solutions of electrolyte. I. Experimental proof. Journal of Chemical Physics, 2012, 137, 054706.	3.0	48
2	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
3	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
4	Study of the nanobubble phase of aqueous NaCl solutions by dynamic light scattering. Quantum Electronics, 2014, 44, 1022-1028.	1.0	14
5	Effective acousto-optical interactions in suspensions of nanodiamond particles. Journal of Russian Laser Research, 2012, 33, 496-502.	0.6	7
6	Stokes and anti-stokes stimulated Mie scattering on nanoparticle suspensions of latex. Optics Communications, 2016, 381, 360-364.	2.1	6
7	Experimental attempt to detect stimulated â€œdiffusionâ€•scattering by particles in liquid. Bulletin of the Lebedev Physics Institute, 2012, 39, 77-83.	0.6	4
8	Stimulated concentration (diffusion) light scattering on nanoparticles in a liquid suspension. Quantum Electronics, 2016, 46, 548-554.	1.0	4
9	Stimulated diffusion light scattering on variations of particles concentration in liquids. , 2013, , .		3
10	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
11	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
12	Influence of convection on the stimulated concentration light scattering. Journal of Physics: Conference Series, 2016, 735, 012022.	0.4	0