Dmitri Lapotko

List of Publications by Year in descending order

13 papers	712 citations	1163117 8 h-index	1474206 9 g-index
13 all docs	13 docs citations	13 times ranked	952 citing authors

#	Article	IF	Citations
1	Optical excitation and detection of vapor bubbles around plasmonic nanoparticles. Optics Express, 2009, 17, 2538.	3.4	216
2	Method of laser activated nano-thermolysis for elimination of tumor cells. Cancer Letters, 2006, 239, 36-45.	7.2	123
3	Plasmonic nanoparticle-generated photothermal bubbles and their biomedical applications. Nanomedicine, 2009, 4, 813-845.	3.3	121
4	Plasmonic Nanobubbles as Tunable Cellular Probes for Cancer Theranostics. Cancers, 2011, 3, 802-840.	3.7	58
5	Laser-induced micro-bubbles in cells. International Journal of Heat and Mass Transfer, 2005, 48, 227-234.	4.8	50
6	Photothermal responses of individual cells. Journal of Biomedical Optics, 2005, 10, 014006.	2.6	46
7	Therapy with gold nanoparticles and lasers: what really kills the cells?. Nanomedicine, 2009, 4, 253-256.	3.3	33
8	Transdermal Diagnosis of Malaria Using Vapor Nanobubbles. Emerging Infectious Diseases, 2015, 21, 1122-1127.	4.3	28
9	Laser activated nanothermolysis of leukemia cells monitored by photothermal microscopy. , 2005, 5697, 82.		26
10	Photothermal and photoacoustic processes of laser activated nano-thermolysis of cells. , 2007, 6437, 89.		4
11	The influence of heterocyclic compound-PAMAM dendrimer complexes on evoked electrical responses in slices of hypoxic brain tissue. Cellular and Molecular Biology Letters, 2014, 19, 243-8.	7.0	4
12	Photothermolysis by laser-induced microbubbles generated around gold nanorod clusters selectively formed in leukemia cells. , 2008, , .		3
13	Plasmonic Nanobubble Theranostics: Detection and Destruction of Drug-Resistant Tumors in a Single Rapid Procedure. , 2014, , .		0