Evgeny V Shashkov

List of Publications by Year
in descending order

19	2,961	623574	839398
papers	citations	14 h-index	18 g-index

19	19	19	3691
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Measurement of Multi-Stokes Ultrashort Pulse Shapes of Synchronously Pumped Stimulated Raman Scattering on Combined Vibrational Modes in a BaWO4 Crystal. Crystals, 2022, 12, 495.	1.0	1
2	Dynamic blood flow phantom for in vivo liquid biopsy standardization. Scientific Reports, 2021, 11, 1185.	1.6	3
3	Asymmetric broadening and blue shift of the stimulated Raman scattering spectrum in water under chirped picosecond laser pulse train excitation. Laser Physics Letters, 2020, 17, 115403.	0.6	1
4	In Vivo Magnetic Enrichment, Photoacoustic Diagnosis, and Photothermal Purging of Infected Blood Using Multifunctional Gold and Magnetic Nanoparticles. PLoS ONE, 2012, 7, e45557.	1.1	78
5	Confocal Linear and Nonlinear Photothermal Microscopy of Intrinsic and Exogenous Probes in Live Cells. Biophysical Journal, 2011, 100, 316a.	0.2	2
6	Complex genetic, photothermal, and photoacoustic analysis of nanoparticle-plant interactions. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 1028-1033.	3.3	458
7	Photothermal multispectral image cytometry for quantitative histology of nanoparticles and micrometastasis in intact, stained and selectively burned tissues. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2010, 77A, 1049-1058.	1.1	41
8	Photothermal and photoacoustic Raman cytometry in vitro and in vivo. Optics Express, 2010, 18, 6929.	1.7	23
9	Ultra-fast photoacoustic flow cytometry with a 05 MHz pulse repetition rate nanosecond laser. Optics Express, 2010, 18, 8605.	1.7	52
10	In vivo, Noninvasive, Label-Free Detection and Eradication of Circulating Metastatic Melanoma Cells Using Two-Color Photoacoustic Flow Cytometry with a Diode Laser. Cancer Research, 2009, 69, 7926-7934.	0.4	241
11	In vivo fiberâ€based multicolor photoacoustic detection and photothermal purging of metastasis in sentinel lymph nodes targeted by nanoparticles. Journal of Biophotonics, 2009, 2, 528-539.	1.1	107
12	Golden carbon nanotubes as multimodal photoacoustic and photothermal high-contrast molecular agents. Nature Nanotechnology, 2009, 4, 688-694.	15.6	656
13	In vivo magnetic enrichment and multiplex photoacoustic detection of circulating tumour cells. Nature Nanotechnology, 2009, 4, 855-860.	15.6	544
14	In vivo multispectral, multiparameter, photoacoustic lymph flow cytometry with natural cell focusing, labelâ€free detection and multicolor nanoparticle probes. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2008, 73A, 884-894.	1.1	113
15	Quantum Dots as Multimodal Photoacoustic and Photothermal Contrast Agents. Nano Letters, 2008, 8, 3953-3958.	4.5	141
16	Photoacoustic flow cytometry: principle and application for real-time detection of circulating single nanoparticles, pathogens, and contrast dyes in vivo. Journal of Biomedical Optics, 2007, 12, 051503.	1.4	151
17	Photothermal antimicrobial nanotherapy and nanodiagnostics with selfâ€assembling carbon nanotube clusters. Lasers in Surgery and Medicine, 2007, 39, 622-634.	1.1	133
18	In vivo photoacoustic flow cytometry for monitoring of circulating single cancer cells and contrast agents. Optics Letters, 2006, 31, 3623.	1.7	211

#	Article	IF	Citations
19	Fluctuation of probe beam in thermolens schematics as potential indicator of cell metabolism, apoptosis, necrosis and laser impact. , 2006, , .		5