

# Evgeny V Shashkov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7622041/publications.pdf>

Version: 2024-02-01

19  
papers

2,961  
citations

623574

14  
h-index

839398

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

3691  
citing authors

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

#	ARTICLE	IF	CITATIONS
19	Measurement of Multi-Stokes Ultrashort Pulse Shapes of Synchronously Pumped Stimulated Raman Scattering on Combined Vibrational Modes in a BaWO <sub>4</sub> Crystal. Crystals, 2022, 12, 495.	1.0	1