

# Alexandra Shamova

## List of Publications by Year in descending order

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7  
papers

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2682572

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2053705

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Modelling of the heat accumulation process during short and ultrashort pulsed laser irradiation of bone tissue. Biomedical Optics Express, 2019, 10, 3030.	2.9	12
2	Role of recombination processes during multipulse femtosecond microstructuring of silicon surface. Optical and Quantum Electronics, 2016, 48, 1.	3.3	3
3	Nano- and femtosecond high-repetition-rate multipulse laser irradiation of dehydrated bone tissue: role of accumulated heat and model of cooling. Quantum Electronics, 2018, 48, 755-760.	1.0	2
4	Experimental modelling of the physical process of laser tattoo removal. Quantum Electronics, 2019, 49, 52-58.	1.0	2
5	Mutual influence of Auger and non-radiative recombination processes under silicon femtosecond laser irradiation. Optical and Quantum Electronics, 2017, 49, 1.	3.3	1
6	Analytical 3D modeling of accumulative heating under multipulse laser irradiation of inorganic materials and biological tissues. Thermal Science and Engineering Progress, 2022, 31, 101284.	2.7	1
7	Analysis of gas bubble formation on light-absorbing microinclusion in liquid during laser irradiation: experimental and theoretical investigation. Optical Engineering, 2021, 60, .	1.0	0