

# Alexey S Kadochkin

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

8

papers

24

citations

2

h-index

4

g-index

11

ext. papers

32

ext. citations

2.8

avg, IF

1.26

L-index

#	Paper	IF	Citations
8	Diffusion-inspired time-varying phosphorescent decay in a nanostructured environment. <i>Physical Review B</i> , <b>2020</b> , 101,	3.3	2
7	Cylindrical silicon near-IR optical amplifier driven by direct current. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2020</b> , 37, 2314	1.7	2
6	Resonant amplification of surface plasmon polaritons with an electric current in a single-walled carbon nanotube lying on a spatially modulated substrate. <i>Journal of Optics (United Kingdom)</i> , <b>2020</b> , 22, 125002	1.7	2
5	Quantum Sensing of Motion in Colloids via Time-Dependent Purcell Effect. <i>Laser and Photonics Reviews</i> , <b>2018</b> , 12, 1800042	8.3	4
4	Granular Permittivity Representation in Extremely Near-Field Light-Matter Interaction Processes. <i>ACS Photonics</i> , <b>2017</b> , 4, 2137-2143	6.3	1
3	Surface plasmon polariton amplification in a single-walled carbon nanotube. <i>Optics Express</i> , <b>2017</b> , 25, 27165-27171	3.3	13
2	Method of resonance near-field optical microscopy. <i>Journal of Applied Spectroscopy</i> , <b>2007</b> , 74, 552-560	0.7	
1	Excitation of Ultraslow High-q Surface Plasmon Polariton Modes in Dense Arrays of Double-Walled Carbon Nanotubes. <i>Annalen Der Physik</i> , 2100438	2.6	