

# Andrey Ivanov

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Plasmon Localization and Giant Fields in an Open-Resonator Metasurface for Surface-Enhanced Raman Scattering Sensors. <i>Physical Review Applied</i> , 2022, 17, .	3.8	11
2	SERS Amplification in Au/Si Asymmetric Dimer Array Coupled to Efficient Adsorption of Thiophenol Molecules. <i>Nanomaterials</i> , 2021, 11, 1521.	4.1	12
3	Multiscale flaked silver SERS-substrate for glycosylated human albumin biosensing. <i>Analytica Chimica Acta</i> , 2020, 1100, 250-257.	5.4	22
4	Silicon-silver metasurface based on regular bars as an effective SERS substrate. <i>Journal of Physics: Conference Series</i> , 2020, 1461, 012057.	0.4	1
5	Applications of Symmetry Breaking in Plasmonics. <i>Symmetry</i> , 2020, 12, 896.	2.2	19
6	Hybrid Au/Si Disk-Shaped Nanoresonators on Gold Film for Amplified SERS Chemical Sensing. <i>Nanomaterials</i> , 2019, 9, 1588.	4.1	17
7	Light Concentration by Metal-Dielectric Micro-Resonators for SERS Sensing. <i>Materials</i> , 2019, 12, 103.	2.9	28
8	Amplification of a Raman Scattering Signal by Carbon Nanotubes. <i>Doklady Physics</i> , 2018, 63, 496-498.	0.7	0
9	Enhancement of local electromagnetic fields by periodic optical resonators. <i>Quantum Electronics</i> , 2018, 48, 1147-1152.	1.0	2
10	Light localization and SERS in tip-shaped silicon metasurface. <i>Optics Express</i> , 2017, 25, 17021.	3.4	17
11	SERS-active dielectric metamaterials based on periodic nanostructures. <i>Optics Express</i> , 2016, 24, 7133.	3.4	21