

# Victoria Bundyukova

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

194  
citations

1163117

8  
h-index

1058476

14  
g-index

20  
all docs

20  
docs citations

20  
times ranked

176  
citing authors

#	ARTICLE	IF	CITATIONS
1	Silver nanostructures evolution in porous SiO <sub>2</sub> /p-Si matrices for wide wavelength surface-enhanced Raman scattering applications. <i>MRS Communications</i> , 2018, 8, 95-99.	1.8	33
2	Self-organized spatially separated silver 3D dendrites as efficient plasmonic nanostructures for surface-enhanced Raman spectroscopy applications. <i>Journal of Applied Physics</i> , 2019, 126, .	2.5	27
3	Gold nanoflowers grown in a porous Si/SiO <sub>2</sub> matrix: The fabrication process and plasmonic properties. <i>Applied Surface Science</i> , 2020, 507, 144989.	6.1	23
4	Synthesis of Ni@Au core-shell magnetic nanotubes for bioapplication and SERS detection. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 626, 127077.	4.7	18
5	Evolution of morphology, structure, and magnetic parameters of Ni nanotubes with growth in pores of a PET template. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 497, 165913.	2.3	15
6	The behavior of Ni nanotubes under the influence of environments with different acidities. <i>CrystEngComm</i> , 2018, 20, 3258-3266.	2.6	14
7	Morphology and Microstructure Evolution of Gold Nanostructures in the Limited Volume Porous Matrices. <i>Sensors</i> , 2020, 20, 4397.	3.8	11
8	Express Method of Estimation of Etched Ion Track Parameters in Silicon Dioxide Template. <i>Physica Status Solidi (B): Basic Research</i> , 2019, 256, 1800316.	1.5	9
9	Post-processing of SiO <sub>2</sub> /Si ion-track template images for pores parameters analysis. <i>Materials Today: Proceedings</i> , 2019, 7, 828-834.	1.8	7
10	Synthesis of gold nanostructures using wet chemical deposition in SiO <sub>2</sub> /Si template. <i>Lithuanian Journal of Physics</i> , 2019, 59, .	0.4	7
11	Peculiarities of Charge Transfer in SiO <sub>2</sub> (Ni)/Si Nanosystems. <i>Advances in Condensed Matter Physics</i> , 2018, 2018, 1-8.	1.1	6
12	Copper nanostructures into pores of SiO <sub>2</sub> /Si template: galvanic displacement, chemical and structural characterization. <i>Materials Research Express</i> , 2019, 6, 105058.	1.6	6
13	Ellipsometry as an express method for determining the pore parameters of ion-track SiO <sub>2</sub> templates on a silicon substrate. <i>EPJ Web of Conferences</i> , 2019, 201, 01001.	0.3	6
14	Influence of media with different acidity on structure of FeNi nanotubes. <i>EPJ Web of Conferences</i> , 2018, 177, 01003.	0.3	3
15	A simple way to control the filling degree of the SiO <sub>2</sub> /Si template pores with nickel. <i>Materials Today: Proceedings</i> , 2019, 7, 860-865.	1.8	2
16	Peculiarities of Formation and Characterization of SiO <sub>2</sub> /Si Ion-Track Template. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2019, , 41-57.	0.3	2
17	Self-Organization of Plasmonic Nanostructures in Pores of Silica Template for SERS. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2019, , 75-90.	0.3	2
18	Radiation-resistant magnetic field sensors based on SiO <sub>2</sub> (Ni)/Si structures. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2019, 460, 209-211.	1.4	2

#	ARTICLE	IF	CITATIONS
19	The Problem of Optimal Plasmonic Nanostructures Choice for SERS Applications. , 2018, , .		1
20	SiO <sub>2</sub> /n-Si Template for Copper Nanostructure Formation. Springer Proceedings in Physics, 2019, , 3-18.	0.2	0