

# Olga E Eremina

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

318  
citations

840119

11  
h-index

887659

17  
g-index

25  
all docs

25  
docs citations

25  
times ranked

329  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface-enhanced Raman spectroscopy in modern chemical analysis: advances and prospects. Russian Chemical Reviews, 2018, 87, 741-770.	2.5	40
2	Entrapment into charge transfer complexes for resonant Raman scattering enhancement. Chemical Communications, 2014, 50, 6468.	2.2	29
3	Expanding the Multiplexing Capabilities of Raman Imaging to Reveal Highly Specific Molecular Expression and Enable Spatial Profiling. ACS Nano, 2022, 16, 10341-10353.	7.3	27
4	Novel Multilayer Nanostructured Materials for Recognition of Polycyclic Aromatic Sulfur Pollutants and Express Analysis of Fuel Quality and Environmental Health by Surface Enhanced Raman Spectroscopy. ACS Applied Materials & Interfaces, 2017, 9, 15058-15067.	4.0	24
5	SERS in biology/biomedical SERS: general discussion. Faraday Discussions, 2017, 205, 429-456.	1.6	22
6	Dual-Purpose SERS Sensor for Selective Determination of Polycyclic Aromatic Compounds <i>via</i> Electron Donor–Acceptor Traps. ACS Sensors, 2021, 6, 1057-1066.	4.0	19
7	Methods for determining neurotransmitter metabolism markers for clinical diagnostics. Journal of Analytical Chemistry, 2016, 71, 1155-1168.	0.4	18
8	Silver-chitosan nanocomposite as a plasmonic platform for SERS sensing of polyaromatic sulfur heterocycles in oil fuel. Nanotechnology, 2020, 31, 225503.	1.3	15
9	Analytical SERS: general discussion. Faraday Discussions, 2017, 205, 561-600.	1.6	14
10	Optically transparent chitosan hydrogels for selective sorption and fluorometric determination of dibenzothiophenes. Carbohydrate Polymers, 2019, 216, 260-269.	5.1	14
11	Polymer-coated substrates for surface enhanced Raman spectroscopy. Mendeleev Communications, 2015, 25, 460-462.	0.6	13
12	<sup>18</sup> F-Labelled catecholamine type radiopharmaceuticals in the diagnosis of neurodegenerative diseases and neuroendocrine tumours: approaches to synthesis and development prospects. Russian Chemical Reviews, 2018, 87, 350-373.	2.5	12
13	A colorful approach towards developing new nano-based imaging contrast agents for improved cancer detection. Biomaterials Science, 2021, 9, 482-495.	2.6	12
14	Chimie douce preparation of reproducible silver coatings for SERS applications. Functional Materials Letters, 2016, 09, 1650016.	0.7	11
15	Bioprotective polymer layers for surface-enhanced Raman spectroscopy of proteins. Materials Technology, 2017, 32, 881-887.	1.5	9
16	DNA detection by dye labeled oligonucleotides using surface enhanced Raman spectroscopy. Mendeleev Communications, 2020, 30, 18-21.	0.6	9
17	Selecting Surface-Enhanced Raman Spectroscopy Flavors for Multiplexed Imaging Applications: Beyond the Experiment. Journal of Physical Chemistry Letters, 2021, 12, 5564-5570.	2.1	9
18	Molecular Immobilization and Resonant Raman Amplification by Complex-Loaded Enhancers (MIRRACLE) on copper (II)-chitosan-modified SERS-active metallic nanostructured substrates for multiplex determination of dopamine, norepinephrine, and epinephrine. Mikrochimica Acta, 2022, 189, 211.	2.5	8

#	ARTICLE	IF	CITATIONS
19	Plasmonic features of free-standing chitosan nanocomposite film with silver and graphene oxide for SERS applications. <i>Nanotechnology</i> , 2022, 33, 335501.	1.3	6
20	Ultrasensitive and multiplex SERS determination of anthropogenic phenols in oil fuel and environmental samples. <i>Environmental Science: Nano</i> , 2022, 9, 964-974.	2.2	4
21	Capturing polycyclic aromatic sulfur heterocycles in electron donor-acceptor complexes. <i>Mendeleev Communications</i> , 2021, 31, 326-329.	0.6	1
22	Capturing polycyclic aromatic sulfur heterocycles in electron donor-acceptor complexes. <i>Mendeleev Communications</i> , 2021, 31, 326-329.	0.6	1
23	Promising methods for noninvasive medical diagnosis based on the use of nanoparticles: surface-enhanced raman spectroscopy in the study of cells, cell organelles and neurotransmitter metabolism markers. <i>Bulletin of Russian State Medical University</i> , 2019, , 57-67.	0.3	1
24	Fluorometric and SERS Sensor Systems for Diagnostics and Monitoring of Catecholamine-Dependent Diseases. , 2021, , 133-160.		0
25	DFT-Guided Development of Raman Nanoparticle-Based Contrast Agents for High-Content Imaging. , 2022, , .		0