

Irina A Veselova

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15058-15067.	8.0	24
2	Dual-Purpose SERS Sensor for Selective Determination of Polycyclic Aromatic Compounds <i>via</i> Electron Donor–Acceptor Traps. <i>ACS Sensors</i> , 2021, 6, 1057-1066.	7.8	19
3	Silver-chitosan nanocomposite as a plasmonic platform for SERS sensing of polyaromatic sulfur heterocycles in oil fuel. <i>Nanotechnology</i> , 2020, 31, 225503.	2.6	15
4	Optically transparent chitosan hydrogels for selective sorption and fluorometric determination of dibenzothiophenes. <i>Carbohydrate Polymers</i> , 2019, 216, 260-269.	10.2	14
5	Polymer-coated substrates for surface enhanced Raman spectroscopy. <i>Mendeleev Communications</i> , 2015, 25, 460-462.	1.6	13
6	Novel biosensing system for the simultaneous multiplex fluorescent determination of catecholamines and their metabolites in biological liquids. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 156, 133-141.	2.8	8
7	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. <i>Mikrochimica Acta</i> , 2022, 189, 211.	5.0	8
8	Plasmonic features of free-standing chitosan nanocomposite film with silver and graphene oxide for SERS applications. <i>Nanotechnology</i> , 2022, 33, 335501.	2.6	6
9	Determination of Fluoride, Cyanide, and Thiocyanate Using Horseradish Peroxidase Immobilized on Modified Silica Gel. <i>Analytical Letters</i> , 2007, 40, 1521-1539.	1.8	5
10	A novel multi-purpose enzymatic system and procedures for the rapid fluorescent determination of flavonoids in herbal pharmaceuticals and plant materials. <i>Talanta</i> , 2017, 171, 108-114.	5.5	4
11	Ultrasensitive and multiplex SERS determination of anthropogenic phenols in oil fuel and environmental samples. <i>Environmental Science: Nano</i> , 2022, 9, 964-974.	4.3	4
12	Fluorescent ternary complexes of some biogenic amines and their metabolites with europium and oxytetracycline for applications in the chemical analysis. <i>Mendeleev Communications</i> , 2018, 28, 553-555.	1.6	2
13	Soft chemistry of pure silver as unique plasmonic metal of the Periodic Table of Elements. <i>Pure and Applied Chemistry</i> , 2020, 92, 1007-1028.	1.9	2
14	Capturing polycyclic aromatic sulfur heterocycles in electron donor–acceptor complexes. <i>Mendeleev Communications</i> , 2021, 31, 326-329.	1.6	1
15	Capturing polycyclic aromatic sulfur heterocycles in electron donor–acceptor complexes. <i>Mendeleev Communications</i> , 2021, 31, 326-329.	1.6	1
16	Fluorometric and SERS Sensor Systems for Diagnostics and Monitoring of Catecholamine-Dependent Diseases. , 2021, , 133-160.		0