

Aleksandra Jaworska

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

650
citations

623734

14
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

1148
citing authors

#	ARTICLE	IF	CITATIONS
1	How Surface-Enhanced Raman Spectroscopy Could Contribute to Medical Diagnoses. <i>Chemosensors</i> , 2022, 10, 190.	3.6	5
2	Intracellular pH – Advantages and pitfalls of surface-enhanced Raman scattering and fluorescence microscopy – A review. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 251, 119410.	3.9	27
3	Applications of Surface-Enhanced Raman Scattering in Biochemical and Medical Analysis. <i>Frontiers in Chemistry</i> , 2021, 9, 664134.	3.6	52
4	Attachment of Single-Stranded DNA to Certain SERS-Active Gold and Silver Substrates: Selected Practical Tips. <i>Molecules</i> , 2021, 26, 4246.	3.8	3
5	SERS Studies of Adsorption on Gold Surfaces of Mononucleotides with Attached Hexanethiol Moiety: Comparison with Selected Single-Stranded Thiolated DNA Fragments. <i>Molecules</i> , 2019, 24, 3921.	3.8	20
6	Comparison of the efficiency of generation of Raman radiation by various Raman reporters connected via DNA linkers to different plasmonic nano-structures. <i>Vibrational Spectroscopy</i> , 2019, 101, 34-39.	2.2	12
7	Surface Enhanced Raman Spectroscopy for DNA Biosensors – How Far Are We?. <i>Molecules</i> , 2019, 24, 4423.	3.8	62
8	Graphene and Graphene Oxide Applications for SERS Sensing and Imaging. <i>Current Medicinal Chemistry</i> , 2019, 26, 6878-6895.	2.4	35
9	Influence of amine and thiol modifications at the 3' ends of single stranded DNA molecules on their adsorption on gold surface and the efficiency of their hybridization. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 203, 31-39.	3.9	4
10	ATR-FTIR-based fingerprinting of some Cucurbitaceae extracts: a preliminary study. <i>Acta Societatis Botanicorum Poloniae</i> , 2018, 87, .	0.8	3
11	Potential of Surface Enhanced Raman Spectroscopy (SERS) in Therapeutic Drug Monitoring (TDM). A Critical Review. <i>Biosensors</i> , 2016, 6, 47.	4.7	89
12	Evaluation of Anthelmintic Activity and Composition of Pumpkin (<i>Cucurbita pepo</i> L.) Seed Extracts – In Vitro and in Vivo Studies. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1456.	4.1	44
13	On the possibility of low cost, adherent therapeutic drug monitoring in oncology. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
14	Raman microscopy as a novel tool to detect endothelial dysfunction. <i>Pharmacological Reports</i> , 2015, 67, 736-743.	3.3	21
15	Simultaneous intracellular redox potential and pH measurements in live cells using SERS nanosensors. <i>Analyst</i> , 2015, 140, 2330-2335.	3.5	62
16	SERS-based monitoring of the intracellular pH in endothelial cells: the influence of the extracellular environment and tumour necrosis factor- α . <i>Analyst</i> , 2015, 140, 2321-2329.	3.5	72
17	Rhodamine 6G conjugated to gold nanoparticles as labels for both SERS and fluorescence – Studies on live endothelial cells. <i>Mikrochimica Acta</i> , 2015, 182, 119-127.	5.0	49
18	(α -Mevalonolactone Studied by ROA and SERS Spectroscopy. <i>Chirality</i> , 2014, 26, 453-461.	2.6	4

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19	An impact of the ring substitution in nicorandil on its adsorption on silver nanoparticles. Surface-enhanced Raman spectroscopy studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 129, 624-631.	3.9	5
20	A comparison between adsorption mechanism of tricyclic antidepressants on silver nanoparticles and binding modes on receptors. Surface-enhanced Raman spectroscopy studies. <i>Journal of Colloid and Interface Science</i> , 2014, 431, 117-124.	9.4	23
21	Substituent effect on structure and surface activity of N-methylpyridinium salts studied by FT-IR, FT-RS, SERS and DFT calculations. <i>Journal of Raman Spectroscopy</i> , 2013, 44, 155-165.	2.5	15
22	Imaging of macrophages by Surface Enhanced Raman Spectroscopy (SERS). <i>Biomedical Spectroscopy and Imaging</i> , 2013, 2, 349-357.	1.2	6
23	The uptake of gold nanoparticles by endothelial cells studied by surface-enhanced Raman spectroscopy. <i>Biomedical Spectroscopy and Imaging</i> , 2013, 2, 183-189.	1.2	5
24	Nicotinamide and trigonelline studied with surface-enhanced FT-Raman spectroscopy. <i>Vibrational Spectroscopy</i> , 2012, 63, 469-476.	2.2	14
25	Evaluation of the potential of surface enhancement Raman spectroscopy for detection of tricyclic psychotropic drugs. Case studies on imipramine and its metabolite. <i>Analyst</i> , 2011, 136, 4704.	3.5	18