Aleksandra Jaworska

List of Publications by Year in descending order

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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	Potential of Surface Enhanced Raman Spectroscopy (SERS) in Therapeutic Drug Monitoring (TDM). A Critical Review. Biosensors, 2016, 6, 47.	4.7	89
2	SERS-based monitoring of the intracellular pH in endothelial cells: the influence of the extracellular environment and tumour necrosis factor-Î±. Analyst, The, 2015, 140, 2321-2329.	3.5	72
3	Simultaneous intracellular redox potential and pH measurements in live cells using SERS nanosensors. Analyst, The, 2015, 140, 2330-2335.	3.5	62
4	Surface Enhanced Raman Spectroscopy for DNA Biosensorsâ€"How Far Are We?. Molecules, 2019, 24, 4423.	3.8	62
5	Applications of Surface-Enhanced Raman Scattering in Biochemical and Medical Analysis. Frontiers in Chemistry, 2021, 9, 664134.	3.6	52
6	Rhodamine 6G conjugated to gold nanoparticles as labels for both SERS and fluorescenceâ€©studies on live endothelial cells. Mikrochimica Acta, 2015, 182, 119-127.	5.0	49
7	Evaluation of Anthelmintic Activity and Composition of Pumpkin (Cucurbita pepo L.) Seed Extractsâ€"In Vitro and in Vivo Studies. International Journal of Molecular Sciences, 2016, 17, 1456.	4.1	44
8	Graphene and Graphene Oxide Applications for SERS Sensing and Imaging. Current Medicinal Chemistry, 2019, 26, 6878-6895.	2.4	35
9	Intracellular pH â€“ Advantages and pitfalls of surface-enhanced Raman scattering and fluorescence microscopy â€“ A review. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 251, 119410.	3.9	27
10	A comparison between adsorption mechanism of tricyclic antidepressants on silver nanoparticles and binding modes on receptors. Surface-enhanced Raman spectroscopy studies. Journal of Colloid and Interface Science, 2014, 431, 117-124.	9.4	23
11	Raman microscopy as a novel tool to detect endothelial dysfunction. Pharmacological Reports, 2015, 67, 736-743.	3.3	21
12	SERS Studies of Adsorption on Gold Surfaces of Mononucleotides with Attached Hexanethiol Moiety: Comparison with Selected Single-Stranded Thiolated DNA Fragments. Molecules, 2019, 24, 3921.	3.8	20
13	Evaluation of the potential of surface enhancement Raman spectroscopy for detection of tricyclic psychotropic drugs. Case studies on imipramine and its metabolite. Analyst, The, 2011, 136, 4704.	3.5	18
14	Substituent effect on structure and surface activity of Nâ€methylpyridinium salts studied by FTâ€IR, FTâ€RS, SERS and DFT calculations. Journal of Raman Spectroscopy, 2013, 44, 155-165.	2.5	15
15	Nicotinamide and trigonelline studied with surface-enhanced FT-Raman spectroscopy. Vibrational Spectroscopy, 2012, 63, 469-476.	2.2	14
16	Comparison of the efficiency of generation of Raman radiation by various Raman reporters connected via DNA linkers to different plasmonic nano-structures. Vibrational Spectroscopy, 2019, 101, 34-39.	2.2	12
17	Imaging of macrophages by Surface Enhanced Raman Spectroscopy (SERS). Biomedical Spectroscopy and Imaging, 2013, 2, 349-357.	1.2	6
18	The uptake of gold nanoparticles by endothelial cells studied by surface-enhanced Raman spectroscopy. Biomedical Spectroscopy and Imaging, 2013, 2, 183-189.	1.2	5

#	Article	IF	Citations
19	An impact of the ring substitution in nicorandil on its adsorption on silver nanoparticles. Surface-enhanced Raman spectroscopy studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 129, 624-631.	3.9	5
20	How Surface-Enhanced Raman Spectroscopy Could Contribute to Medical Diagnoses. Chemosensors, 2022, 10, 190.	3.6	5
21	(â˜')â€Râ€Mevalonolactone Studied by ROA and SERS Spectroscopy. Chirality, 2014, 26, 453-461.	2.6	4
22	Influence of amine and thiol modifications at the 3â€² ends of single stranded DNA molecules on their adsorption on gold surface and the efficiency of their hybridization. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 203, 31-39.	3.9	4
23	Attachment of Single-Stranded DNA to Certain SERS-Active Gold and Silver Substrates: Selected Practical Tips. Molecules, 2021, 26, 4246.	3.8	3
24	ATR-FTIR-based fingerprinting of some Cucurbitaceae extracts: a preliminary study. Acta Societatis Botanicorum Poloniae, 2018, 87, .	0.8	3
25	On the possibility of low cost, adherent therapeutic drug monitoring in oncology. Proceedings of SPIE, 2016, , .	0.8	0