

Monika Jerigova

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

561
citations

1163117

8
h-index

752698

20
g-index

31
all docs

31
docs citations

31
times ranked

874
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical performance of Ti ₃ C ₂ T _x MXene in aqueous media: towards ultrasensitive H ₂ O ₂ sensing. <i>Electrochimica Acta</i> , 2017, 235, 471-479.	5.2	215
2	Highly stable Ti ₃ C ₂ T _x (MXene)/Pt nanoparticles-modified glassy carbon electrode for H ₂ O ₂ and small molecules sensing applications. <i>Sensors and Actuators B: Chemical</i> , 2018, 263, 360-368.	7.8	202
3	Remarkable differences in the voltammetric response towards hydrogen peroxide, oxygen and Ru(NH ₃) ₆ ³⁺ of electrode interfaces modified with HF or LiF-HCl etched Ti ₃ C ₂ T _x MXene. <i>Mikrochimica Acta</i> , 2020, 187, 52.	5.0	20
4	Electrochemical Investigation of Interfacial Properties of Ti ₃ C ₂ T _x MXene Modified by Aryldiazonium Betaine Derivatives. <i>Frontiers in Chemistry</i> , 2020, 8, 553.	3.6	20
5	A Graphene-Based Glycan Biosensor for Electrochemical Label-Free Detection of a Tumor-Associated Antibody. <i>Sensors</i> , 2019, 19, 5409.	3.8	17
6	Alpha spectrometry and secondary ion mass spectrometry of electrodeposited uranium films. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2011, 289, 611-615.	1.5	12
7	Effect of etching time in hydrofluoric acid on the structure and morphology of n-type porous silicon. <i>Applied Surface Science</i> , 2020, 532, 147463.	6.1	10
8	Functional silver nanostructured surfaces applied in SERS and SIMS. <i>Surface and Interface Analysis</i> , 2013, 45, 1266-1272.	1.8	9
9	Variation of oxygen content in selected potassium fluoro-oxido-tantalate phases. <i>Solid State Sciences</i> , 2011, 13, 2190-2195.	3.2	8
10	Secondary ion mass spectrometry and alpha-spectrometry of electrodeposited thorium films. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2012, 292, 973-981.	1.5	8
11	Chemical Imaging of Cardiac Cell and Tissue by Using Secondary Ion Mass Spectrometry. <i>Molecular Imaging and Biology</i> , 2011, 13, 1067-1076.	2.6	7
12	Rat liver intoxication with CCl ₄ : biochemistry, histology, and mass spectrometry. <i>General Physiology and Biophysics</i> , 2018, 37, 527-535.	0.9	7
13	Ce ion surface-modified TiO ₂ aerogel powders: a comprehensive study of their excellent photocatalytic efficiency in organic pollutant removal. <i>New Journal of Chemistry</i> , 2021, 45, 4174-4184.	2.8	7
14	Fluorescence responsiveness of unicellular marine algae <i>Dunaliella</i> to stressors under laboratory conditions. <i>Journal of Biotechnology</i> , 2020, 324, 100018.	3.8	6
15	Fullerenes, Nanotubes, and Graphite as Matrices for Collision Mechanism in Secondary Ion Mass Spectrometry: Determination of Cyclodextrin. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 2179-2187.	2.8	3
16	Modulation of aminolevulinic acid-based photoinactivation efficacy by iron in vitro is cell type dependent. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 213, 112048.	3.8	3
17	Infrared Femtosecond Laser Preionization in Secondary Ion Mass Spectrometry of Silver Surface. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 1266-1270.	2.8	2
18	Preparation of Cyclodextrin-Iron Species in Water by Laser Ablation: Secondary Ion Mass Spectrometry. <i>ChemPhysChem</i> , 2015, 16, 2110-2113.	2.1	2

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19	Adaptive Control of Ion Yield in Femtosecond Laser Post-ionization for Secondary Ion Mass Spectrometry. <i>Scientific Reports</i> , 2017, 7, 5953.	3.3	2
20	Secondary Ion Mass Spectrometry as an advanced tool for meteorite classification. <i>Planetary and Space Science</i> , 2020, 192, 105012.	1.7	1
21	Fluorescence Dynamics of Monocyclodextrin and Bis(thiol)cyclodextrin-Coumarin C153 Complexes. <i>ChemPhysChem</i> , 2015, 16, 2466-2473.	2.1	0
22	Surface Nanostructures Composed of Thiolated Cyclodextrin/Au and Fe Species: Gas and Liquid Phase Preparation. <i>ChemPhysChem</i> , 2016, 17, 2295-2299.	2.1	0
23	Surface Nanostructures Composed of Thiolated Cyclodextrin/Au and Fe Species: Gas and Liquid Phase Preparation. <i>ChemPhysChem</i> , 2016, 17, 2281-2281.	2.1	0
24	Muscovite single layer resolution: Secondary ion mass spectrometry depth profile. <i>Applied Clay Science</i> , 2016, 132-133, 621-625.	5.2	0
25	Ultraviolet photocatalytic degradation of cholesterol on TiO ₂ : secondary ion mass spectrometry. <i>Surface and Interface Analysis</i> , 2017, 49, 278-283.	1.8	0
26	Thin Films of Thiophene Copolymer / Phenylated Fullerene: Fluorescence Dynamics, Surface Topography and Chemical Composition. <i>ChemistrySelect</i> , 2020, 5, 14261-14269.	1.5	0
27	Two-color symmetry breaking in laser-based secondary neutral mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8828.	1.5	0
28	Opening Doors for Young People and Inspiring Future Generations. <i>ChemistryViews</i> , 0, , .	0.0	0