Monika Jerigova

List of Publications by Year
in descending order

28	561	1163117 8	752698 20
papers	citations	h-index	g-index

31	31	31	874
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ce ion surface-modified TiO₂ aerogel powders: a comprehensive study of their excellent photocatalytic efficiency in organic pollutant removal. New Journal of Chemistry, 2021, 45, 4174-4184.	2.8	7
2	Remarkable differences in the voltammetric response towards hydrogen peroxide, oxygen and Ru(NH3)63+ of electrode interfaces modified with HF or LiF-HCl etched Ti3C2Tx MXene. Mikrochimica Acta, 2020, 187, 52.	5.0	20
3	Modulation of aminolevulinic acid-based photoinactivation efficacy by iron in vitro is cell type dependent. Journal of Photochemistry and Photobiology B: Biology, 2020, 213, 112048.	3.8	3
4	Secondary Ion Mass Spectrometry as an advanced tool for meteorite classification. Planetary and Space Science, 2020, 192, 105012.	1.7	1
5	Effect of etching time in hydrofluoric acid on the structure and morphology of n-type porous silicon. Applied Surface Science, 2020, 532, 147463.	6.1	10
6	Electrochemical Investigation of Interfacial Properties of Ti3C2Tx MXene Modified by Aryldiazonium Betaine Derivatives. Frontiers in Chemistry, 2020, 8, 553.	3.6	20
7	Thin Films of Thiophene Copolymer / Phenylated Fullerene: Fluorescence Dynamics, Surface Topography and Chemical Composition. ChemistrySelect, 2020, 5, 14261-14269.	1.5	0
8	Fluorescence responsiveness of unicellular marine algae Dunaliella to stressors under laboratory conditions. Journal of Biotechnology, 2020, 324, 100018.	3.8	6
9	Twoâ€color symmetry breaking in laserâ€based secondary neutral mass spectrometry. Rapid Communications in Mass Spectrometry, 2020, 34, e8828.	1.5	0
10	A Graphene-Based Glycan Biosensor for Electrochemical Label-Free Detection of a Tumor-Associated Antibody. Sensors, 2019, 19, 5409.	3.8	17
11	Highly stable Ti3C2Tx (MXene)/Pt nanoparticles-modified glassy carbon electrode for H2O2 and small molecules sensing applications. Sensors and Actuators B: Chemical, 2018, 263, 360-368.	7.8	202
12	Rat liver intoxication with CCl4: biochemistry, histology, and mass spectrometry. General Physiology and Biophysics, 2018, 37, 527-535.	0.9	7
13	Electrochemical performance of Ti3C2Tx MXene in aqueous media: towards ultrasensitive H2O2 sensing. Electrochimica Acta, 2017, 235, 471-479.	5.2	215
14	Adaptive Control of Ion Yield in Femtosecond Laser Post-ionization for Secondary Ion Mass Spectrometry. Scientific Reports, 2017, 7, 5953.	3.3	2
15	Ultraviolet photocatalytic degradation of cholesterol on TiO2: secondary ion mass spectrometry. Surface and Interface Analysis, 2017, 49, 278-283.	1.8	0
16	Surface Nanostructures Composed of Thiolated Cyclodextrin/Au and Fe Species: Gasâ€and Liquidâ€Phase Preparation. ChemPhysChem, 2016, 17, 2295-2299.	2.1	0
17	Surface Nanostructures Composed of Thiolated Cyclodextrin/Au and Fe Species: Gasâ€and Liquidâ€Phase Preparation. ChemPhysChem, 2016, 17, 2281-2281.	2.1	0
18	Muscovite single layer resolution: Secondary ion mass spectrometry depth profile. Applied Clay Science, 2016, 132-133, 621-625.	5.2	0

#	Article	IF	Citations
19	Fluorescence Dynamics of Monocyclodextrinâ€“ and Bis(thiolâ€cyclodextrin)â€“Coumarin C153 Complexes. ChemPhysChem, 2015, 16, 2466-2473.	2.1	0
20	Preparation of Cyclodextrin-Iron Species in Water by Laser Ablation: Secondary Ion Mass Spectrometry. ChemPhysChem, 2015, 16, 2110-2113.	2.1	2
21	Functional silver nanostructured surfaces applied in SERS and SIMS. Surface and Interface Analysis, 2013, 45, 1266-1272.	1.8	9
22	Infrared Femtosecond Laser Preionization in Secondary Ion Mass Spectrometry of Silver Surface. Journal of the American Society for Mass Spectrometry, 2012, 23, 1266-1270.	2.8	2
23	Secondary ion mass spectrometry and alpha-spectrometry of electrodeposited thorium films. Journal of Radioanalytical and Nuclear Chemistry, 2012, 292, 973-981.	1.5	8
24	Variation of oxygen content in selected potassium fluorido-oxido-tantalate phases. Solid State Sciences, 2011, 13, 2190-2195.	3.2	8
25	Alpha spectrometry and secondary ion mass spectrometry of electrodeposited uranium films. Journal of Radioanalytical and Nuclear Chemistry, 2011, 289, 611-615.	1.5	12
26	Chemical Imaging of Cardiac Cell and Tissue by Using Secondary Ion Mass Spectrometry. Molecular Imaging and Biology, 2011, 13, 1067-1076.	2.6	7
27	Fullerenes, Nanotubes, and Graphite as Matrices for Collision Mechanism in Secondary Ion Mass Spectrometry: Determination of Cyclodextrin. Journal of the American Society for Mass Spectrometry, 2011, 22, 2179-2187.	2.8	3
28	Opening Doors for Young People and Inspiring Future Generations. ChemistryViews, 0, , .	0.0	0