

Maria Starowicz

List of Publications by Year in descending order

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13
papers

452
citations

1163117

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1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

792
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical synthesis of silver nanoparticles. <i>Electrochemistry Communications</i> , 2006, 8, 227-230.	4.7	220
2	Electrochemical synthesis of magnetic iron oxide nanoparticles with controlled size. <i>Journal of Nanoparticle Research</i> , 2011, 13, 7167-7176.	1.9	102
3	Electrochemical Synthesis of ZnO Nanoparticles. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 869-872.	2.0	38
4	SERS activity and spectroscopic properties of Zn and ZnO nanostructures obtained by electrochemical and green chemistry methods for applications in biology and medicine. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 28100-28114.	2.8	21
5	Electrochemically synthesized \hat{I}^3 -Fe ₂ O ₃ nanoparticles as peptide carriers and sensitive and reproducible SERS biosensors. Comparison of adsorption on \hat{I}^3 -Fe ₂ O ₃ versus Fe. <i>Applied Surface Science</i> , 2019, 495, 143578.	6.1	16
6	Corrosion Resistance of MgZn Alloy Covered by Chitosan-Based Coatings. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8301.	4.1	16
7	Alumina-based nanoparticles obtained by anodic dissolution of Al in electrolytes with alcohol solvents. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 3065-3071.	2.5	12
8	Ions-free electrochemically synthesized in aqueous media flake-like CuO nanostructures as SERS reproducible substrates for the detection of neurotransmitters. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 215, 24-33.	3.9	11
9	Is the electrochemical or the "green chemistry" method the optimal method for the synthesis of ZnO nanoparticles for applications to biological material? Characterization and SERS on ZnO. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 609, 125771.	4.7	6
10	Electrochemical synthesis of copper oxide particles with controlled oxidation state, shape and size. <i>Materials Research Express</i> , 2019, 6, 0850a3.	1.6	5
11	Electrochemical behaviour of p-Si in methanol solutions of chlorides. <i>Journal of Solid State Electrochemistry</i> , 2004, 8, 422-429.	2.5	3
12	Determination of the Influence of Various Factors on the Character of Surface Functionalization of Copper(I) and Copper(II) Oxide Nanosensors with Phenylboronic Acid Derivatives. <i>Langmuir</i> , 2022, 38, 557-568.	3.5	2
13	The Effect of Si and Mn on Microstructure and Selected Properties of Cr-Ni Stainless Steels. <i>Archives of Foundry Engineering</i> , 2017, 17, 192-196.	0.4	0