

Graziella Liana L Turdean

List of Publications by Year in descending order

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papers

592
citations

687363

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37
all docs

37
docs citations

37
times ranked

829
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Development of Biosensors for the Detection of Heavy Metal Toxicity. <i>International Journal of Electrochemistry</i> , 2011, 2011, 1-15.	2.4	137
2	Iron(III) protoporphyrin IX single-wall carbon nanotubes modified electrodes for hydrogen peroxide and nitrite detection. <i>Electrochimica Acta</i> , 2006, 51, 6435-6441.	5.2	62
3	Bismuth doped carbon xerogel nanocomposite incorporated in chitosan matrix for ultrasensitive voltammetric detection of Pb(II) and Cd(II). <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 712-719.	7.8	46
4	Nitrite detection in meat products samples by square-wave voltammetry at a new single walled carbon nanotubes myoglobin modified electrode. <i>Food Chemistry</i> , 2015, 179, 325-330.	8.2	37
5	Iron doped carbon aerogel New electrode material for electrocatalytic reduction of H ₂ O ₂ . <i>Materials Chemistry and Physics</i> , 2013, 138, 893-898.	4.0	29
6	Sensitive Detection of Organophosphorus Pesticides Using a Needle Type Amperometric Acetylcholinesterase-based Bioelectrode. <i>Thiocholine Electrochemistry and Immobilised Enzyme Inhibition. Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2002, 17, 107-115.	5.2	26
7	Preparation and Characterization of Doxycycline-Loaded Electrospun PLA/HAP Nanofibers as a Drug Delivery System. <i>Materials</i> , 2022, 15, 2105.	2.9	24
8	Glassy Carbon Electrodes Modified with Ordered Mesoporous Silica for the Electrochemical Detection of Cadmium Ions. <i>ACS Omega</i> , 2019, 4, 1410-1415.	3.5	22
9	Study of electrochemical corrosion of biocompatible Co-Cr and Ni-Cr dental alloys in artificial saliva. Influence of pH of the solution. <i>Materials Chemistry and Physics</i> , 2019, 233, 390-398.	4.0	21
10	Synergetic effect of organic solvents and paraoxon on the immobilized acetylcholinesterase. <i>Pesticide Biochemistry and Physiology</i> , 2008, 90, 73-81.	3.6	20
11	Silica-modified Electrodes for Electrochemical Detection of Malachite Green. <i>Electroanalysis</i> , 2017, 29, 2602-2609.	2.9	20
12	Electropolymerized Architecture Entrapping a Trilacunary Keggin-Type Polyoxometalate for Assembling a Glucose Biosensor. <i>Electroanalysis</i> , 2002, 14, 1550-1556.	2.9	17
13	Insights into the morphological and structural particularities of highly sensitive porous bismuth-carbon nanocomposites based electrochemical sensors. <i>Sensors and Actuators B: Chemical</i> , 2018, 268, 398-410.	7.8	15
14	Biocapteurs amprometriques cholinestérasés pour la détermination des pesticides organophosphorés. <i>Canadian Journal of Chemistry</i> , 2002, 80, 315-331.	1.1	14
15	In vitro short-time stability of a bioactive glass-chitosan composite coating evaluated by using electrochemical methods. <i>Electrochimica Acta</i> , 2015, 182, 707-714.	5.2	11
16	Second-order derivative of square-wave voltammetry for determination of vanillin at platinum electrode. <i>Food Chemistry</i> , 2022, 385, 132711.	8.2	10
17	Glassy carbon electrode modified with hemin and new melamine compounds for H ₂ O ₂ amperometric detection. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 3071-3081.	2.5	9
18	Electrochemical Detection of Lead Ions with Ordered Mesoporous Silica-Modified Glassy Carbon Electrodes. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	2.4	9

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19	Rhodium stabilized Prussian Blue-modified graphite electrodes for H ₂ O ₂ amperometric detection. <i>Journal of Applied Electrochemistry</i> , 2008, 38, 349-355.	2.9	8
20	Hybrid composite material based on graphene and polyhemin for electrochemical detection of hydrogen peroxide. <i>Journal of Electroanalytical Chemistry</i> , 2017, 802, 40-47.	3.8	8
21	Influence of HAP on the Morpho-Structural Properties and Corrosion Resistance of ZrO ₂ -Based Composites for Biomedical Applications. <i>Crystals</i> , 2021, 11, 202.	2.2	8
22	Hydroxyapatite and Silicon-Modified Hydroxyapatite as Drug Carriers for 4-Aminopyridine. <i>Crystals</i> , 2021, 11, 1124.	2.2	8
23	Composite Electrode Material Based on Electrochemically Reduced Graphene Oxide and Gold Nanoparticles for Electrocatalytic Detection of Ascorbic Acid. <i>Electrocatalysis</i> , 2019, 10, 573-583.	3.0	6
24	The Corrosion Study of ZrO ₂ Coatings on Metals. <i>Materials Science Forum</i> , 2007, 537-538, 247-254.	0.3	4
25	Electrochemical behaviour of a new triiron-substituted polyoxomolybdate. <i>Journal of Applied Electrochemistry</i> , 2008, 38, 751-758.	2.9	4
26	Structure-electrochemical properties correlations of some phenol derivatives investigated by electrochemical techniques. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 945-956.	2.2	4
27	Self-assembled architecture based on triiron-substituted polyoxomolybdate anion and positively charged polymer. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 681-687.	2.5	3
28	Ordered Mesoporous Silica Incorporating Platinum Nanoparticles as Electrode Material for Paracetamol Detection. <i>Electroanalysis</i> , 2021, 33, 323-335.	2.9	3
29	Electrochemical Method for Heavy Metals Detection by Inhibition of Acetylcholinesterase Immobilized on Pt-nanoparticles Modified Graphite Electrode. <i>E3S Web of Conferences</i> , 2013, 1, 05007.	0.5	2
30	New p-aminophenol-based dendritic melamines. Iterative synthesis, structure, and electrochemical characterisation. <i>Comptes Rendus Chimie</i> , 2017, 20, 402-414.	0.5	2
31	Study of the hydrogen peroxide based whitening gel on the corrosion of dental metallic alloys. <i>Studia Universitatis Babeş-Bolyai Chimia</i> , 2019, 64, 125-133.	0.2	2
32	Composite Electrodes with Carbon Supported Ru Nanoparticles for H ₂ O ₂ Detection. <i>Acta Chimica Slovenica</i> , 2015, 62, 28-34.	0.6	1
33	Sensors array for monitoring and automation of the electrochemical recovery of metals from waste printed circuit boards. <i>Studia Universitatis Babeş-Bolyai Chimia</i> , 2019, 64, 555-565.	0.2	0
34	DENTAL RADIOLOGY FROM AN ECOLOGICAL PERSPECTIVE. THE ATTITUDE OF DENTISTS REGARDING THE MANAGEMENT OF THE MATERIALS USED IN DENTAL RADIOLOGY. <i>Environmental Engineering and Management Journal</i> , 2020, 19, 755-760.	0.6	0
35	"Paracetamol detection at a graphite paste modified electrode based on nanoparticles immobilised on AL-SBA-15 composite material. ". <i>Studia Universitatis Babeş-Bolyai Chimia</i> , 2020, 65, 27-38.	0.2	0
36	Improving the corrosion resistance of mild steel by zinc-graphene oxide coatings. <i>Studia Universitatis Babeş-Bolyai Chimia</i> , 2020, 65, 23-32.	0.2	0

#	ARTICLE	IF	CITATIONS
37	Optimization of the preparation method of a mechanically strong carbon electrode. Bulletin of the Karaganda University Chemistry Series, 2021, 104, 95-103.	0.5	0