

Adriana E Vulcu

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

447
citations

933447

10
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

873
citing authors

#	ARTICLE	IF	CITATIONS
1	Green synthesis, characterization and anti-inflammatory activity of silver nanoparticles using European black elderberry fruits extract. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 122, 767-777.	5.0	176
2	In vitro and in vivo anti-inflammatory properties of green synthesized silver nanoparticles using <i>Viburnum opulus</i> L. fruits extract. <i>Materials Science and Engineering C</i> , 2017, 79, 720-727.	7.3	80
3	Platinum nanoparticles coated by graphene layers: A low-metal loading catalyst for methanol oxidation in alkaline media. <i>Journal of Energy Chemistry</i> , 2020, 40, 81-88.	12.9	38
4	New nanomaterials for the improvement of psoriatic lesions. <i>Journal of Materials Chemistry B</i> , 2013, 1, 3152.	5.8	26
5	The electrochemical behavior of a Metal-Organic Framework modified gold electrode for methanol oxidation. <i>Electrochimica Acta</i> , 2016, 219, 630-637.	5.2	25
6	Effects of silver and gold nanoparticles phytosynthesized with <i>Cornus mas</i> extract on oral dysplastic human cells. <i>Nanomedicine</i> , 2020, 15, 55-75.	3.3	25
7	Modified gold electrodes based on thiocytosine/guanine-gold nanoparticles for uric and ascorbic acid determination. <i>Electrochimica Acta</i> , 2013, 88, 839-846.	5.2	21
8	Interference of ascorbic and uric acids on dopamine behavior at graphene composite surface: An electrochemical, spectroscopic and theoretical approach. <i>Electrochimica Acta</i> , 2018, 282, 822-834.	5.2	14
9	Low-platinum catalyst based on sulfur doped graphene for methanol oxidation in alkaline media. <i>Materials Today Energy</i> , 2021, 19, 100588.	4.7	13
10	l-Leucine for gold nanoparticles synthesis and their cytotoxic effects evaluation. <i>Amino Acids</i> , 2014, 46, 2545-2552.	2.7	12
11	Structural and electrochemical characterization of novel leucine-gold nanoparticles modified electrode. <i>Electrochimica Acta</i> , 2012, 63, 146-152.	5.2	6
12	Eco-Friendly Nitrogen-Doped Graphene Preparation and Design for the Oxygen Reduction Reaction. <i>Molecules</i> , 2021, 26, 3858.	3.8	5
13	Nanostructures based on metallic nanoparticles and biomolecules. <i>AIP Conference Proceedings</i> , 2012, , .	0.4	2
14	Effect of natural extracts pH on morphological characteristics of hybrid materials based on gold nanoparticles. <i>AIP Conference Proceedings</i> , 2013, , .	0.4	2
15	The reductive amination of α -ketoisocaproic acid using a leucine dehydrogenase-modified gold electrode. <i>Particulate Science and Technology</i> , 2016, 34, 96-102.	2.1	1
16	Preparation of Pt electrocatalyst supported by novel, $Ti(1-x)MoxO_2$ -C type of composites containing multi-layer graphene. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2022, 135, 49-69.	1.7	1
17	Impedimetric investigation of gold nanoparticles - guanine modified electrode. , 2013, , .		0
18	Processes in Isotopes and Molecules (PIM 2021), 22 nd September 2021, Cluj-Napoca, Romania. <i>Analytical Letters</i> , 0, , 1-3.	1.8	0