

Zohreh Shahnavaaz

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

594
citations

858243

12
h-index

721071

23
g-index

24
all docs

24
docs citations

24
times ranked

1166
citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleic acid-based electrochemical biosensors for rapid clinical diagnosis: advances, challenges, and opportunities. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2022, 59, 156-177.	2.7	22
2	Solar energy and TiO_2 nanotubes: Biodiesel production from waste cooking olive oil. <i>Environmental Progress and Sustainable Energy</i> , 2021, 40, e13537.	1.3	9
3	Synthesis, Characterisation, and Determination of Physical Properties of New Two-Protonic Acid Ionic Liquid and its Catalytic Application in the Esterification. <i>Australian Journal of Chemistry</i> , 2021, 74, 165.	0.5	4
4	Synthesis, characterization, and a study of the influence of $[\text{HSO}_4]^-$ and $[\text{SO}_4]^{2-}$ on thermal phase transition and thermal stability of two new organic acid salts containing dication cyclic amine. <i>Journal of Molecular Liquids</i> , 2021, 336, 116856.	2.3	9
5	Design, synthesis, characterization, and physical property determination of a new ionic liquid: the preparation of triazolo-pyrimidines at room temperature under metal-free conditions. <i>Research on Chemical Intermediates</i> , 2020, 46, 4645-4658.	1.3	5
6	Arene diazonium saccharin intermediates: a greener and cost-effective alternative method for the preparation of aryl iodide. <i>Turkish Journal of Chemistry</i> , 2020, 44, 535-542.	0.5	1
7	The structure elucidation of new ionic liquid and its application for the synthesis of a series of novel triazolo[1,5-a]pyrimidine scaffolds. <i>Journal of Molecular Structure</i> , 2020, 1219, 128592.	1.8	10
8	The structure elucidation of new mono-core dicationic salt-containing chlorosulfonate counterion: Raman study of a pure sample of chlorosulfonate anion in the solid and liquid state. <i>Journal of Molecular Structure</i> , 2020, 1216, 128182.	1.8	4
9	Schiff-base derived chitosan impregnated copper oxide nanoparticles: An effective photocatalyst in direct sunlight. <i>Materials Science in Semiconductor Processing</i> , 2020, 119, 105238.	1.9	5
10	Exploration of gum ghatti-modified porous scaffolds for bone tissue engineering applications. <i>New Journal of Chemistry</i> , 2020, 44, 2389-2401.	1.4	14
11	Synthesis of a series of novel dihydro-[1,2,4]triazolo [1,5-a]pyrimidine scaffolds: Dual solvent-catalyst activity of a low viscous and acid-functionalized ionic liquid. <i>Synthetic Communications</i> , 2020, 50, 1633-1640.	1.1	9
12	A Green Alternative for Aryl Iodide Preparation from Aromatic Amines. <i>Current Organic Synthesis</i> , 2020, 17, 131-135.	0.7	0
13	New protocols for the synthesis of 5-amino-7-(4-phenyl)-4,7-dihydro-[1,2,4]triazolo[1,5-a]pyrimidine-6-carboxylate esters using an efficient additive. <i>Turkish Journal of Chemistry</i> , 2020, 44, 1100-1109.	0.5	1
14	Facile and greener hydrothermal honey-based synthesis of $\text{Fe}_3\text{O}_4/\text{Au}$ core/shell nanoparticles for drug delivery applications. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 6624-6631.	1.2	14
15	Advancements in electrochemical DNA sensor for detection of human papilloma virus - A review. <i>Analytical Biochemistry</i> , 2018, 556, 136-144.	1.1	33
16	Fabrication of a novel metal chromite @ Carbon nanotube composite for the highly efficient electrocatalytic reduction of hydrogen peroxide. <i>Applied Surface Science</i> , 2017, 407, 379-385.	3.1	16
17	Electrochemical sensing of glucose by reduced graphene oxide-zinc ferrosinels. <i>Applied Surface Science</i> , 2016, 379, 156-162.	3.1	21
18	Can We Optimize Arc Discharge and Laser Ablation for Well-Controlled Carbon Nanotube Synthesis?. <i>Nanoscale Research Letters</i> , 2016, 11, 510.	3.1	87

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19	A hydrothermally prepared reduced graphene oxide-supported copper ferrite hybrid for glucose sensing. <i>Ceramics International</i> , 2015, 41, 12710-12716.	2.3	36
20	One-step preparation of silver@polyaniline nanotube composite for non-enzymatic hydrogen peroxide detection. <i>Applied Surface Science</i> , 2015, 347, 816-823.	3.1	35
21	Core-shell CuFe ₂ O ₄ /PPy nanocomposite enzyme-free sensor for detection of glucose. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 1223-1233.	1.2	28
22	One-step hydrothermal green synthesis of silver nanoparticle-carbon nanotube reduced-graphene oxide composite and its application as hydrogen peroxide sensor. <i>Sensors and Actuators B: Chemical</i> , 2015, 208, 389-398.	4.0	167
23	Polypyrrole@ZnFe ₂ O ₄ magnetic nano-composite with core-shell structure for glucose sensing. <i>Applied Surface Science</i> , 2014, 317, 622-629.	3.1	57
24	Aluminium corrosion inhibition using benzene-1,2,4,5-tetracarboxylic dianhydride (PMDH). <i>Anti-Corrosion Methods and Materials</i> , 2010, 57, 21-27.	0.6	7