Zohreh Shahnavaz

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Nucleic acid-based electrochemical biosensors for rapid clinical diagnosis: advances, challenges, and opportunities. Critical Reviews in Clinical Laboratory Sciences, 2022, 59, 156-177.	6.1	22
2	Solar energy and <scp>TiO₂</scp> nanotubes: Biodiesel production from waste cooking olive oil. Environmental Progress and Sustainable Energy, 2021, 40, e13537.	2.3	9
3	Synthesis, Characterisation, and Determination of Physical Properties of New Two-Protonic Acid Ionic Liquid and its Catalytic Application in the Esterification. Australian Journal of Chemistry, 2021, 74, 165.	0.9	4
4	Synthesis, characterization, and a study of the influence of [HSO4]â~' and [SO4]2â~' on thermal phase transition and thermal stability of two new organic acid salts containing dication cyclic amine. Journal of Molecular Liquids, 2021, 336, 116856.	4.9	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. Research on Chemical Intermediates, 2020, 46, 4645-4658.	2.7	5
6	Arene diazonium saccharin intermediates: a greener and cost-effective alternative method for the preparation of aryl iodide. Turkish Journal of Chemistry, 2020, 44, 535-542.	1.2	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. Journal of Molecular Structure, 2020, 1219, 128592.	3.6	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. Journal of Molecular Structure, 2020, 1216, 128182.	3.6	4
9	Schiff-base derived chitosan impregnated copper oxide nanoparticles: An effective photocatalyst in direct sunlight. Materials Science in Semiconductor Processing, 2020, 119, 105238.	4.0	5
10	Exploration of gum ghatti-modified porous scaffolds for bone tissue engineering applications. New Journal of Chemistry, 2020, 44, 2389-2401.	2.8	14
11	Synthesis of a series of novel dihydro-[1,2,4]triazolo [1,5- <i>a</i>]pyrimidine scaffolds: Dual solvent-catalyst activity of a low viscous and acid-functionalized ionic liquid. Synthetic Communications, 2020, 50, 1633-1640.	2.1	9
12	A Green Alternative for Aryl Iodide Preparation from Aromatic Amines. Current Organic Synthesis, 2020, 17, 131-135.	1.3	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. Turkish Journal of Chemistry, 2020, 44, 1100-1109.	1.2	1
14	Facile and greener hydrothermal honeyâ€based synthesis of Fe 3 O 4 /Au core/shell nanoparticles for drug delivery applications. Journal of Cellular Biochemistry, 2019, 120, 6624-6631.	2.6	14
15	Advancements in electrochemical DNA sensor for detection of human papilloma virus - A review. Analytical Biochemistry, 2018, 556, 136-144.	2.4	33
16	Fabrication of a novel metal chromite – Carbon nanotube composite for the highly efficient electrocatalytic reduction of hydrogen peroxide. Applied Surface Science, 2017, 407, 379-385.	6.1	16
17	Electrochemical sensing of glucose by reduced graphene oxide-zinc ferrospinels. Applied Surface Science, 2016, 379, 156-162.	6.1	21
18	Can We Optimize Arc Discharge and Laser Ablation for Well-Controlled Carbon Nanotube Synthesis?. Nanoscale Research Letters, 2016, 11, 510.	5.7	87

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19	A hydrothermally prepared reduced graphene oxide-supported copper ferrite hybrid for glucose sensing. Ceramics International, 2015, 41, 12710-12716.	4.8	36
20	One-step preparation of silver–polyaniline nanotube composite for non-enzymatic hydrogen peroxide detection. Applied Surface Science, 2015, 347, 816-823.	6.1	35
21	Core-shell–CuFe2O4/PPy nanocomposite enzyme-free sensor for detection of glucose. Journal of Solid State Electrochemistry, 2015, 19, 1223-1233.	2.5	28
22	One-step hydrothermal green synthesis of silver nanoparticle-carbon nanotube reduced-graphene oxide composite and its application as hydrogen peroxide sensor. Sensors and Actuators B: Chemical, 2015, 208, 389-398.	7.8	167
23	Polypyrrole–ZnFe2O4 magnetic nano-composite with core–shell structure for glucose sensing. Applied Surface Science, 2014, 317, 622-629.	6.1	57
24	Aluminium corrosion inhibition using benzeneâ€1,2,4,5â€ŧetracarboxylic dianhydride (PMDH). Anti-Corrosion Methods and Materials, 2010, 57, 21-27.	1.5	7