

# Jalal Rouhi

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20  
papers

1,361  
citations

15  
h-index

20  
g-index

20  
ext. papers

2,080  
ext. citations

5.3  
avg. IF

5.5  
L-index

#	Paper	IF	Citations
20	Determination of D&C Red 33 and Patent Blue V Azo dyes using an impressive electrochemical sensor based on carbon paste electrode modified with ZIF-8/g-CN/Co and ionic liquid in mouthwash and toothpaste as real samples.. <i>Food and Chemical Toxicology</i> , <b>2022</b> , 112907	4.7	51
19	A green and sensitive guanine-based DNA biosensor for idarubicin anticancer monitoring in biological samples: A simple and fast strategy for control of health quality in chemotherapy procedure confirmed by docking investigation. <i>Chemosphere</i> , <b>2021</b> , 132928	8.4	82
18	Novel 1-butyl-3-methylimidazolium bromide impregnated chitosan hydrogel beads nanostructure as an efficient nanobio-adsorbent for cationic dye removal: Kinetic study. <i>Environmental Research</i> , <b>2021</b> , 195, 110809	7.9	116
17	An electrochemical strategy for toxic ractopamine sensing in pork samples; twofold amplified nano-based structure analytical tool. <i>Journal of Food Measurement and Characterization</i> , <b>2021</b> , 15, 4098-4104	2.8	47
16	A novel detection method for organophosphorus insecticide fenamiphos: Molecularly imprinted electrochemical sensor based on core-shell CoO@MOF-74 nanocomposite. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 592, 174-185	9.3	168
15	Recent advances in removal techniques of Cr(VI) toxic ion from aqueous solution: A comprehensive review. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 329, 115062	6	127
14	Dendritic fibrous nanosilica-supported dendritic IL/Ru(ii) as photocatalysts for the dicarbofunctionalization of styrenes with carbon dioxide and amines.. <i>RSC Advances</i> , <b>2021</b> , 11, 9933-9941	3.7	2
13	A critical review on the use of potentiometric based biosensors for biomarkers detection. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 184, 113252	11.8	171
12	Heterogeneous UV-Switchable Au nanoparticles decorated tungstophosphoric acid/TiO for efficient photocatalytic degradation process. <i>Chemosphere</i> , <b>2021</b> , 281, 130795	8.4	49
11	Development of photo-anodes based on strontium doped zinc oxide-reduced graphene oxide nanocomposites for improving performance of dye-sensitized solar cells. <i>Ceramics International</i> , <b>2021</b> , 47, 31927-31939	5.1	4
10	Guanine-Based DNA Biosensor Amplified with Pt/SWCNTs Nanocomposite as Analytical Tool for Nanomolar Determination of Daunorubicin as an Anticancer Drug: A Docking/Experimental Investigation. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2021</b> , 60, 816-823	3.9	198
9	Highly efficient photocatalytic performance of dye-sensitized K-doped ZnO nanotapers synthesized by a facile one-step electrochemical method for quantitative hydrogen generation. <i>Journal of Solid State Electrochemistry</i> , <b>2020</b> , 24, 1599-1606	2.6	4
8	Direct growth of flower-like ZnO nanostructures on porous silicon substrate using a facile low-temperature technique. <i>Materials Letters</i> , <b>2015</b> , 160, 444-447	3.3	12
7	Boron-doped amorphous carbon film grown by bias assisted pyrolysis chemical vapor deposition. <i>IEICE Electronics Express</i> , <b>2015</b> , 12, 20140937-20140937	0.5	1
6	High-performance dye-sensitized solar cells based on morphology-controllable synthesis of ZnO-ZnS heterostructure nanocone photoanodes. <i>PLoS ONE</i> , <b>2015</b> , 10, e0123433	3.7	37
5	Well-aligned ZnO nanoneedle arrays grown on polycarbonate substrates via electric field-assisted chemical method. <i>Materials Letters</i> , <b>2015</b> , 146, 65-68	3.3	17
4	Optical properties of well-aligned ZnO nanostructure arrays synthesized by an electric field-assisted aqueous solution method. <i>Ceramics International</i> , <b>2014</b> , 40, 11193-11198	5.1	29

3	Hydrothermal growth of flower-like ZnO nanostructures on porous silicon substrate. <i>Journal of Molecular Structure</i> , <b>2014</b> , 1074, 140-143	3.4	33
2	The effects of polypropylene fibers on the properties of reinforced concrete structures. <i>Construction and Building Materials</i> , <b>2012</b> , 27, 73-77	6.7	161
1	The corrosion investigation of rebar embedded in the fibers reinforced concrete. <i>Construction and Building Materials</i> , <b>2012</b> , 35, 564-570	6.7	52