

Jalal

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.

15
papers

1,069
citations

11
h-index

16
g-index

16
ext. papers

1,852
ext. citations

5.9
avg, IF

5.29
L-index

#	Paper	IF	Citations
15	Recent advances in carbon nanomaterials-based electrochemical sensors for food azo dyes detection.. <i>Food and Chemical Toxicology</i> , 2022 , 112961	4.7	40
14	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> , 2022 , 112907	4.7	51
13	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> , 2021 , 132928	8.4	82
12	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> , 2021 , 195, 110809	7.9	116
11	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> , 2021 , 15, 4098-4104	2.8	47
10	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> , 2021 , 592, 174-185	9.3	168
9	Dendritic fibrous nanosilica-supported dendritic IL/Ru(ii) as photocatalysts for the dicarbofunctionalization of styrenes with carbon dioxide and amines.. <i>RSC Advances</i> , 2021 , 11, 9933-9941	3.7	2
8	A critical review on the use of potentiometric based biosensors for biomarkers detection. <i>Biosensors and Bioelectronics</i> , 2021 , 184, 113252	11.8	171
7	Heterogeneous UV-Switchable Au nanoparticles decorated tungstophosphoric acid/TiO for efficient photocatalytic degradation process. <i>Chemosphere</i> , 2021 , 281, 130795	8.4	49
6	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> , 2021 , 47, 31927-31939	5.1	4
5	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 & Engineering Chemistry Research</i> , 2021 , 60, 816-823	3.9	198
4	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> , 2020 , 24, 1599-1606	2.6	4
3	Carbonylative Suzuki-Miyaura cross-coupling by immobilized Ni@Pd NPs supported on carbon nanotubes.. <i>RSC Advances</i> , 2020 , 10, 27923-27931	3.7	4
2	Physical properties of fish gelatin-based bio-nanocomposite films incorporated with ZnO nanorods. <i>Nanoscale Research Letters</i> , 2013 , 8, 364	5	108
1	Nanochemistry approach for the fabrication of Fe and N co-decorated biomass-derived activated carbon frameworks: a promising oxygen reduction reaction electrocatalyst in neutral media. <i>Journal of Nanostructure in Chemistry</i> , 2021 , 1	7.6	25