Afsaneh L Sanati

List of Publications by Citations

24 papers	1,244 citations	16 h-index	24 g-index
24 ext. papers	1,706 ext. citations	5.9 avg, IF	5.13 L-index

#	Paper	IF	Citations
24	Electrochemical Sensors, a Bright Future in the Fabrication of Portable Kits in Analytical Systems. *Chemical Record*, **2020**, 20, 682-692	6.6	211
23	A critical review on the use of potentiometric based biosensors for biomarkers detection. *Biosensors and Bioelectronics*, **2021**, 184, 113252	11.8	171
22	Cyanazine herbicide monitoring as a hazardous substance by a DNA nanostructure biosensor. *Journal of Hazardous Materials*, **2022**, 423, 127058	12.8	163
21	A voltammetric sensor based on NiO/CNTs ionic liquid carbon paste electrode for determination of morphine in the presence of diclofenac. *Materials Science and Engineering C*, **2014**, 35, 379-85	8.3	113
20	Removal of metal ions using a new magnetic chitosan nano-bio-adsorbent; A powerful approach in water treatment. *Environmental Research*, **2022**, 203, 111753	7.9	76
19	ZnO/CNTs nanocomposite/ionic liquid carbon paste electrode for determination of noradrenaline in human samples. *Electrochimica Acta*, **2014**, 123, 456-462	6.7	71
18	A voltammetric biosensor based on ionic liquid/NiO nanoparticle modified carbon paste electrode for the determination of nicotinamide adenine dinucleotide (NADH). *Sensors and Actuators B: Chemical*, **2014**, 204, 647-654	8.5	68
17	Synergic effect of graphene quantum dots and room temperature ionic liquid for the fabrication of highly sensitive voltammetric sensor for levodopa determination in the presence of serotonin. *Journal of Molecular Liquids*, **2017**, 241, 316-320	6	65
16	Graphene Quantum Dots in Electrochemical Sensors/Biosensors. *Current Analytical Chemistry*, **2019**, 15, 103-123	1.7	57
15	An electrochemical strategy for toxic ractopamine sensing in pork samples; twofold amplified nano-based structure analytical tool. *Journal of Food Measurement and Characterization*, **2021**, 15, 4098-4104	2.8	47
14	Electrochemical Determination of Methyldopa by Graphene Quantum Dot / 1-butyl-3-methylimidazolium hexafluoro phosphate Nanocomposite Electrode. *International Journal of Electrochemical Science*,7997-8005	2.2	42
13	An Electrochemical Nanosensor for Simultaneous Voltammetric Determination of Ascorbic Acid and Sudan I in Food Samples. *Food Analytical Methods*, **2014**, 7, 2169-2176	3.4	40
12	A fast and sensitive nanosensor based on MgO nanoparticle room-temperature ionic liquid carbon paste electrode for determination of methyldopa in pharmaceutical and patient human urine samples. *Ionics*, **2013**, 19, 1907-1914	2.7	30
11	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. *Journal of Nanostructure in Chemistry*,1	7.6	25
10	Electrocatalytic determination of captopril in real samples using NiO nanoparticle modified (9,10-dihydro-9,10-ethanoanthracene-11,12-dicarboximido)-4-ethylbenzene-1,2-diol carbon paste electrode. *Sensors and Actuators B: Chemical*, **2014**, 199, 47-53	8.5	23
9	Nanomaterials modulating stem cell behavior towards cardiovascular cell lineage. *Materials Advances*, **2021**, 2, 2231-2262	3.3	17
8	A theoretical study of solvent effects on the characteristics of the intramolecular hydrogen bond in Droxidopa. *Journal of Chemical Sciences*, **2015**, 127, 1007-1013	1.8	9

7	Numerical and experimental investigation of natural gas injection effects on NOx reburning at the rotary cement kiln exhaust. *Chemical Engineering Research and Design*, **2021**, 151, 290-298	5.5	5
6	3D Printed Stretchable Liquid Gallium Battery. *Advanced Functional Materials*,2113232	15.6	5
5	Solid-state fermentation as an alternative technology for cost-effective production of bioethanol as useful renewable energy: a review. *Biomass Conversion and Biorefinery*,1	2.3	4
4	Properties and Recent Advantages of N,N□dialkylimidazolium-ion Liquids Application in Electrochemistry. *Current Analytical Chemistry*, **2022**, 18, 31-52	1.7	2
3	Laser Writing of Eutectic Gallium□Indium Alloy Graphene-Oxide Electrodes and Semitransparent Conductors. *Advanced Materials Technologies*,2101238	6.8	0
2	Laser-Assisted Rapid Fabrication of Large-Scale Graphene Oxide Transparent Conductors. *Advanced Materials Interfaces*,2102343	4.6	0
1	Laser Writing of Eutectic Gallium□Indium Alloy Graphene-Oxide Electrodes and Semitransparent Conductors (Adv. Mater. Technol. 5/2022). *Advanced Materials Technologies*, **2022**, 7, 2270021	6.8	