Parvaneh Rahimi

List of Publications by Year
in descending order

19 papers	610 citations	687220 13 h-index	794469 19 g-index
19 all docs	19 docs citations	19 times ranked	813 citing authors

#	Article	IF	Citations
1	Aptamer-Based Biosensors for Antibiotic Detection: A Review. Biosensors, 2018, 8, 54.	2.3	175
2	Ionic-liquid/NH2-MWCNTs as a highly sensitive nano-composite for catalase direct electrochemistry. Biosensors and Bioelectronics, 2010, 25, 1301-1306.	5.3	84
3	Electrocatalytic hydrazine oxidation on quinizarine modified glassy carbon electrode. Electrochimica Acta, 2007, 52, 6118-6124.	2.6	64
4	Enzyme-based biosensors for choline analysis: A review. TrAC - Trends in Analytical Chemistry, 2019, 110, 367-374.	5.8	51
5	A nanocomposite consisting of reduced graphene oxide and electropolymerized Î²-cyclodextrin for voltammetric sensing of levofloxacin. Mikrochimica Acta, 2019, 186, 438.	2.5	37
6	Molecularly Imprinted Polymer-Based Sensors for Priority Pollutants. Sensors, 2021, 21, 2406.	2.1	23
7	Structureâ€“Function Relationships of Nanocarbon/Polymer Composites for Chemiresistive Sensing: A Review. Sensors, 2021, 21, 3291.	2.1	21
8	Extreme Biomimetics: Designing of the First Nanostructured 3D Sponginâ€“Atacamite Composite and its Application. Advanced Materials, 2021, 33, e2101682.	11.1	21
9	Superoxide radical biosensor based on a nano-composite containing cytochrome c. Analyst, The, 2011, 136, 3803.	1.7	20
10	Different behaviors of single and multi wall carbon nanotubes for studying electrochemistry and electrocatalysis of choline oxidase. Electrochimica Acta, 2011, 56, 9542-9548.	2.6	20
11	A nanocomposite based biosensor for cholesterol determination. Analytical Methods, 2012, 4, 3225.	1.3	20
12	Effect of hydrophilicity of room temperature ionic liquids on the electrochemical and electrocatalytic behaviour of choline oxidase. Analyst, The, 2012, 137, 471-475.	1.7	15
13	Electrocatalytic Reduction of Dioxygen on the Surface of Glassy Carbon Electrodes Modified with Cobalt Porphyrin Complexes. Electroanalysis, 2007, 19, 2258-2263.	1.5	13
14	Accelerating the electron transfer of choline oxidase using ionic-liquid/NH2-MWCNTs nano-composite. Journal of the Iranian Chemical Society, 2012, 9, 111-119.	1.2	13
15	Non-Coding RNA-Based Biosensors for Early Detection of Liver Cancer. Biomedicines, 2021, 9, 964.	1.4	12
16	High-Performance Three-Dimensional Sponginâ€“Atacamite Biocomposite for Electrochemical Nonenzymatic Glucose Sensing. ACS Applied Bio Materials, 2022, 5, 873-880.	2.3	9
17	Rational Design of Molecularly Imprinted Polymers Using Quaternary Ammonium Cations for Glyphosate Detection. Sensors, 2021, 21, 296.	2.1	6
18	A Biocompatible Nanocomposite for Glucose Sensing. International Journal of Electrochemistry, 2011, 2011, 1-7.	2.4	3

#	Article	IF	Citations
19	Different electrochemical behavior of adult and fetal hemoglobin at ionic liquid-carbon nanotube nanocomposite. Journal of the Iranian Chemical Society, 2015, 12, 687-694.	1.2	3