

# Ezat Hamidi-Asl

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

625  
citations

623734

14  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

894  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of pathogenic bacteria via nanomaterials-modified aptasensors. <i>Biosensors and Bioelectronics</i> , 2020, 150, 111933.	10.1	118
2	A review on the electrochemical biosensors for determination of microRNAs. <i>Talanta</i> , 2013, 115, 74-83.	5.5	113
3	Preparation of an electrochemical PNA biosensor for detection of target DNA sequence and single nucleotide mutation on p53 tumor suppressor gene corresponding oligonucleotide. <i>Sensors and Actuators B: Chemical</i> , 2011, 157, 195-201.	7.8	61
4	A Genosensor for Point Mutation Detection of P53 Gene PCR Product Using Magnetic Particles. <i>Electroanalysis</i> , 2015, 27, 1378-1386.	2.9	35
5	Preparation of Ag/NaA zeolite modified carbon paste electrode as a DNA biosensor. <i>Sensors and Actuators B: Chemical</i> , 2013, 181, 319-325.	7.8	33
6	Unique Properties of Core Shell Ag@Au Nanoparticles for the Aptasensing of Bacterial Cells. <i>Chemosensors</i> , 2016, 4, 16.	3.6	32
7	An Improved Electrochemical Aptasensor for Chloramphenicol Detection Based on Aptamer Incorporated Gelatine. <i>Sensors</i> , 2015, 15, 7605-7618.	3.8	31
8	Indigo Carmine as New Label in PNA Biosensor for Detection of Short Sequence of p53 Tumor Suppressor Gene. <i>Electroanalysis</i> , 2013, 25, 2075-2083.	2.9	22
9	A genosensor based on CPE for study the interaction between ketamine as an anesthesia drug with DNA. <i>International Journal of Biological Macromolecules</i> , 2015, 80, 512-519.	7.5	22
10	A new peptide nucleotide acid biosensor for electrochemical detection of single nucleotide polymorphism in duplex DNA via triplex structure formation. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 1075-1083.	2.2	21
11	Developing a Nano-Biosensor for DNA Hybridization Using a New Electroactive Label. <i>Chinese Journal of Chemistry</i> , 2011, 29, 2541-2551.	4.9	19
12	Introduction of Ketamine as a G-Quadruplex-Binding Ligand Using Platinum Nanoparticle Modified Carbon Paste Electrode. <i>Electroanalysis</i> , 2013, 25, 2659-2667.	2.9	19
13	A bimetallic nanocomposite electrode for direct and rapid biosensing of p53 DNA plasmid. <i>Journal of Chemical Sciences</i> , 2015, 127, 1607-1617.	1.5	15
14	Nano-Gold Modified Genosensor for Direct Detection of DNA Hybridization. <i>Journal of the Chinese Chemical Society</i> , 2013, 60, 650-656.	1.4	14
15	A Novel Electrochemical Genosensor Based on Banana and Nano-Gold Modified Electrode Using Tyrosinase Enzyme as Indicator. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 3394-3404.	0.9	14
16	Concentration-Related Response Potentiometric Titrations To Study the Interaction of Small Molecules with Large Biomolecules. <i>Analytical Chemistry</i> , 2014, 86, 12243-12249.	6.5	11
17	A bimetallic nanocomposite modified genosensor for recognition and determination of thalassemia gene. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 400-408.	7.5	11
18	Introduction of an Electrochemical Genosensor for Detection of P53 Gene Via Sandwich Hybridization Method. <i>Lecture Notes in Electrical Engineering</i> , 2012, , 37-41.	0.4	9

#	ARTICLE	IF	CITATIONS
19	Potentiometric detection in UPLC as an easy alternative to determine cocaine in biological samples. Biomedical Chromatography, 2015, 29, 1124-1129.	1.7	8
20	Celestine blue as a new indicator in electrochemical DNA biosensors. Science China Chemistry, 2016, 59, 128-134.	8.2	7
21	A review on the recent achievements on coronaviruses recognition using electrochemical detection methods. Microchemical Journal, 2022, 178, 107322.	4.5	7
22	A simplified protocol for the usage of new immuno-SERS probes for the detection of casein, collagens and ovalbumin in the cross-sections of artworks. Analytical Methods, 2018, 10, 1054-1062.	2.7	3