

# Seyed Mohammad Moshtaghioun

## List of Publications by Year in descending order

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36  
papers

524  
citations

759055

12  
h-index

677027

22  
g-index

37  
all docs

37  
docs citations

37  
times ranked

819  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of impedimetric detection of DNA hybridization on the various biosensors based on modified glassy carbon electrodes with PANHS and nanomaterials of RGO and MWCNTs. <i>Talanta</i> , 2016, 147, 621-627.	2.9	69
2	Ultrasensitive DNA sensor based on gold nanoparticles/reduced graphene oxide/glassy carbon electrode. <i>Analytical Biochemistry</i> , 2015, 484, 24-30.	1.1	68
3	Fabrication of an ultrasensitive and selective electrochemical aptasensor to detect carcinoembryonic antigen by using a new nanocomposite. <i>Biosensors and Bioelectronics</i> , 2019, 129, 1-6.	5.3	56
4	MXene-based cytosensor for the detection of HER2-positive cancer cells using CoFe <sub>2</sub> O <sub>4</sub> @Ag magnetic nanohybrids conjugated to the HB5 aptamer. <i>Biosensors and Bioelectronics</i> , 2022, 195, 113626.	5.3	47
5	An aptasensor for tetracycline using a glassy carbon modified with nanosheets of graphene oxide. <i>Mikrochimica Acta</i> , 2016, 183, 1797-1804.	2.5	46
6	Use of bacteria for repairing cracks and improving properties of concrete containing limestone powder and natural zeolite. <i>Construction and Building Materials</i> , 2020, 242, 118059.	3.2	43
7	The diagnosis of microorganism involved in infective endocarditis (IE) by polymerase chain reaction (PCR) and real-time PCR: A systematic review. <i>Kaohsiung Journal of Medical Sciences</i> , 2018, 34, 71-78.	0.8	23
8	An impedimetric biosensor based on a composite of graphene nanosheets and polyaniline as a suitable platform for prostate cancer sensing. <i>Analytical Methods</i> , 2016, 8, 7507-7515.	1.3	21
9	In situ monitoring of gating approach on mesoporous silica nanoparticles thin-film generated by the EASA method for electrochemical detection of insulin. <i>Biosensors and Bioelectronics</i> , 2021, 180, 113124.	5.3	21
10	Direct Spectrophotometric Assay of Laccase Using Diazo Derivatives of Guaiacol. <i>Analytical Chemistry</i> , 2011, 83, 4200-4205.	3.2	19
11	The influence of elastomeric polyurethane type and ratio on the physicochemical properties of electrospun polyurethane/silk fibroin hybrid nanofibers as potential scaffolds for soft and hard tissue engineering. <i>European Polymer Journal</i> , 2019, 121, 109294.	2.6	16
12	Designing and optimization of an electrochemical substitute for the MTT (3-(4,5-Dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide) cell viability assay. <i>Scientific Reports</i> , 2019, 9, 14966.	1.6	15
13	A comparative investigation for prostate cancer detection using two electrochemical biosensors based on various nanomaterials and the linker of thioglycolic acid. <i>Journal of Electroanalytical Chemistry</i> , 2016, 778, 23-31.	1.9	12
14	A new electrochemical biosensor based on telomeric G-quadruplex DNA: In silico and experimental study of dihydropyridine derivatives potential effect on telomerase inhibition. <i>Journal of Electroanalytical Chemistry</i> , 2017, 796, 24-32.	1.9	11
15	Molecular Diagnosis of Bacterial Definite Infective Endocarditis by Real-Time Polymerase Chain Reaction. <i>Cardiology Research</i> , 2018, 9, 99-106.	0.5	9
16	Alleviation of Salinity Stress by Vermicompost Extract: A Comparative Study on Five Fennel Landraces. <i>Communications in Soil Science and Plant Analysis</i> , 2018, 49, 2123-2130.	0.6	6
17	Highly selective sensing and measurement of microRNA-541 based on its sequence-specific digestion by the restriction enzyme HinfI. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110360.	2.5	6
18	Functional Exposed Amino Acids of CarO Analysis as a Potential Vaccine Candidate in <i>Acinetobacter Baumannii</i> . <i>International Journal of Peptide Research and Therapeutics</i> , 2020, 26, 1185-1197.	0.9	5

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19	Application of graphene oxide nanosheets as probe oligonucleotide immobilization platform for DNA sensing. Journal of the Iranian Chemical Society, 2016, 13, 2135-2142.	1.2	4
20	A Composite Approach to Protein Tertiary Structure Prediction: Hidden Markov Model Based on Lattice. Bulletin of Mathematical Biology, 2019, 81, 899-918.	0.9	4
21	Ameliorating effect of vermicompost on <i>Foeniculum vulgare</i> under saline condition. Journal of Plant Nutrition, 2023, 46, 1601-1615.	0.9	4
22	Safety assessment of genetically modified rice expressing Cry1Ab protein in Sprague-Dawley rats. Scientific Reports, 2021, 11, 1126.	1.6	3
23	Evaluation of epidemiological, clinical, and microbiological features of definite infective endocarditis. GMS Hygiene and Infection Control, 2017, 12, Doc01.	0.2	3
24	Optimization of simultaneous production of tyrosinase and laccase by <i>Neurospora crassa</i> . Biocatalysis and Biotransformation, 2017, 35, 1-10.	1.1	2
25	Novel Mutations of the CHRNA3 Gene in Non-Small Cell Lung Cancer in an Iranian Population. Asian Pacific Journal of Cancer Prevention, 2017, 18, 253-255.	0.5	2
26	Evaluation the Presence of SERPINA5 (Exon 3) and FTO rs9939609 Polymorphisms in Papillary Thyroid Cancer Patients. Asian Pacific Journal of Cancer Prevention, 2021, 22, 3641-3646.	0.5	2
27	Virus-induced gene silencing for functional analysis of eds1 gene in tomato infected with <i>Ralstonia solanacearum</i> . Zemdirbyste, 2018, 105, 357-362.	0.3	1
28	Haplotype analysis of BRCA1 intragenic markers in Iranian patients with familial breast and ovarian cancer. International Journal of Reproductive BioMedicine, 2016, 14, 271-274.	0.5	1
29	Haplotype analysis of BRCA1 intragenic markers in Iranian patients with familial breast and ovarian cancer. International Journal of Reproductive BioMedicine, 2016, 14, 271-4.	0.5	1
30	Protein tertiary structure prediction using hidden Markov model based on lattice. Journal of Bioinformatics and Computational Biology, 2019, 17, 1950007.	0.3	0
31	Protein fold recognition model based on cubic lattice. International Journal of Data Mining and Bioinformatics, 2019, 22, 75.	0.1	0
32	Genetic Variations of TERT and CLPTM1L and Risk of Lung Cancer: A Case-Control Study in an Iranian Population. International Journal of Human Genetics, 2018, 18, .	0.1	0
33	Protein fold recognition model based on cubic lattice. International Journal of Data Mining and Bioinformatics, 2019, 22, 75.	0.1	0
34	Haplotype Analysis of BRCA1 Gene D17S855 and D17S1322 Markers in Iranian Familial Breast Cancer Patients. Asian Pacific Journal of Cancer Prevention, 2016, 17, 3615-7.	0.5	0
35	Relationship between Serum Tumor-Related Markers and Genetically Modified Rice Expressing Cry1Ab Protein in Sprague-Dawley Rats. Nutrition and Cancer, 2021, , 1-10.	0.9	0
36	Epigenetic Dysregulation of Gene in Testis Tissues of Infertile Men: Case-Control Study.. Cell Journal, 2022, 24, 99-102.	0.2	0