

# Ahmad Mobed

## 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.

33  
papers

371  
citations

10  
h-index

18  
g-index

36  
ext. papers

531  
ext. citations

5  
avg, IF

4.35  
L-index

#	Paper	IF	Citations
33	Sensitive electrochemical recognition of $\beta$ synuclein protein in human plasma sample using bioconjugated gold nanoparticles: An innovative immuno-platform to assist in the early stage identification of Parkinson's disease.. <i>Journal of Molecular Recognition</i> , <b>2022</b> , e2952	2.6	
32	Sensitive immunosensing of $\beta$ synuclein protein in human plasma samples using gold nanoparticles conjugated with graphene: an innovative immuno-platform towards early stage identification of Parkinson's disease using point of care (POC) analysis.. <i>RSC Advances</i> , <b>2022</b> , 12, 4346-4357	3.7	2
31	Sensitive recognition of Shiga toxin using biosensor technology: An efficient platform towards bioanalysis of pathogenic bacterial. <i>Microchemical Journal</i> , <b>2022</b> , 172, 106900	4.8	0
30	Environmental protection based on the nanobiosensing of bacterial lipopolysaccharides (LPSs): material and method overview.. <i>RSC Advances</i> , <b>2022</b> , 12, 9704-9724	3.7	0
29	An innovative electrochemical immuno-platform towards ultra-sensitive monitoring of 2-arachidonoyl glycerol in samples from rats with sleep deprivation: bioanalysis of endogenous cannabinoids using biosensor technology.. <i>RSC Advances</i> , <b>2022</b> , 12, 14154-14166	3.7	0
28	Anti-bacterial activity of gold nanocomposites as a new nanomaterial weapon to combat photogenic agents: recent advances and challenges.. <i>RSC Advances</i> , <b>2021</b> , 11, 34688-34698	3.7	9
27	The trends in nanomaterial-based biosensors for detecting critical biomarkers in stroke. <i>Clinica Chimica Acta</i> , <b>2021</b> , 514, 107-121	6.2	10
26	Biosensors promising bio-device for pandemic screening "COVID-19". <i>Microchemical Journal</i> , <b>2021</b> , 164, 106094	4.8	10
25	Biosensors in Parkinson's disease. <i>Clinica Chimica Acta</i> , <b>2021</b> , 518, 51-58	6.2	8
24	Bacteriophages: cancer diagnosis, treatment, and future prospects. <i>Journal of Pharmaceutical Investigation</i> , <b>2021</b> , 51, 23-34	6.3	2
23	Trend in creatinine determining methods: Conventional methods to molecular-based methods. <i>Analytical Science Advances</i> , <b>2021</b> , 2, 308-325	1.1	3
22	Bioconjugation of 2-arachidonoyl glycerol (2-AG) biotinylated antibody with gold nano-flowers toward immunosensing of 2-AG in human plasma samples: A novel immuno-platform for the screening of immunomodulation and neuroprotection using biosensing. <i>Analytical Methods</i> , <b>2021</b> , 13, 311-321	3.2	3
21	Applications of scaffold-based advanced materials in biomedical sensing. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2021</b> , 143, 116342	14.6	2
20	Recent advances in biosensors for detection of osteoarthritis and rheumatoid arthritis biomarkers. <i>Sensors and Actuators A: Physical</i> , <b>2021</b> , 331, 112975	3.9	2
19	Biosensing: The best alternative for conventional methods in detection of Alzheimer's disease biomarkers. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 161, 59-71	7.9	11
18	Bioassay: A novel approach in antipsychotic pharmacology. <i>Clinica Chimica Acta</i> , <b>2020</b> , 509, 30-35	6.2	8
17	Efflux Pumps and Antibiotic Resistance. <i>Infection and Drug Resistance</i> , <b>2020</b> , 13, 423-434	4.2	47

16	Synthesis and electroanalytical behaviour of AgNPs/graphite conductive nano-ink towards biosensing of bacteria genome in human biofluids. <i>Analytical Methods</i> , <b>2020</b> , 12, 1218-1228	3.2	5
15	Binding of Leishmania spp with gold nanoparticles supported polyethylene glycol and its application for the sensitive detection of infectious photogenes in human plasma samples: A novel biosensor. <i>Journal of Molecular Recognition</i> , <b>2020</b> , 33, e2839	2.6	9
14	Immobilization of ssDNA on the surface of silver nanoparticles-graphene quantum dots modified by gold nanoparticles towards biosensing of microorganism. <i>Microchemical Journal</i> , <b>2020</b> , 152, 104286	4.8	20
13	Recent advances in the biosensing of neurotransmitters: material and method overviews towards the biomedical analysis of psychiatric disorders. <i>Analytical Methods</i> , <b>2020</b> , 12, 557-575	3.2	12
12	Bio-assay of Acintobacter baumannii using DNA conjugated with gold nano-star: A new platform for microorganism analysis. <i>Enzyme and Microbial Technology</i> , <b>2020</b> , 133, 109466	3.8	9
11	Biosensors: A novel approach to and recent discovery in detection of cytokines. <i>Cytokine</i> , <b>2020</b> , 136, 155272	4	7
10	DNA Based Vaccines against Mycobacterium Tuberculosis: Recent Progress in Vaccine Development and Delivery System. <i>Iranian Journal of Immunology</i> , <b>2020</b> , 17, 255-274	0.9	1
9	DNA-based bioassay of legionella pneumonia pathogen using gold nanostructure: A new platform for diagnosis of legionellosis. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 128, 692-699	7.9	16
8	Cetyltrimethyl ammonium bromide modified gold nanostructure supported by chitosan as a novel scaffold for immobilization of DNA and ultra-sensitive bioassay of Legionella pneumophila. <i>Microchemical Journal</i> , <b>2019</b> , 149, 103961	4.8	5
7	An innovative nucleic acid based biosensor toward detection of Legionella pneumophila using DNA immobilization and hybridization: A novel genosensor. <i>Microchemical Journal</i> , <b>2019</b> , 148, 708-716	4.8	15
6	A novel nucleic acid based bio-assay toward recognition of Haemophilus influenza using bioconjugation and DNA hybridization method. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 139, 1239-1251	7.9	4
5	The bioconjugation of DNA with gold nanoparticles towards the spectrophotometric genosensing of pathogenic bacteria. <i>Analytical Methods</i> , <b>2019</b> , 11, 4289-4298	3.2	3
4	Advances in detection of fastidious bacteria: From microscopic observation to molecular biosensors. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 113, 157-171	14.6	43
3	Bioassays: The best alternative for conventional methods in detection of Legionella pneumophila. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 121, 1295-1307	7.9	14
2	Monitoring of five benzodiazepines using a novel polymeric interface prepared by layer by layer strategy. <i>Microchemical Journal</i> , <b>2019</b> , 146, 121-125	4.8	10
1	Optical and electrochemical DNA nanobiosensors. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2011</b> , 30, 459-472	4.6	79