Ahmad Mobed

List of Publications by Citations

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	Optical and electrochemical DNA nanobiosensors. *TrAC - Trends in Analytical Chemistry*, **2011**, 30, 459-472	14.6	79
32	Efflux Pumps and Antibiotic Resistance. *Infection and Drug Resistance*, **2020**, 13, 423-434	4.2	47
31	Advances in detection of fastidious bacteria: From microscopic observation to molecular biosensors. *TrAC - Trends in Analytical Chemistry*, **2019**, 113, 157-171	14.6	43
30	Immobilization of ssDNA on the surface of silver nanoparticles-graphene quantum dots modified by gold nanoparticles towards biosensing of microorganism. *Microchemical Journal*, **2020**, 152, 104286	4.8	20
29	DNA-based bioassay of legionella pneumonia pathogen using gold nanostructure: A new platform for diagnosis of legionellosis. *International Journal of Biological Macromolecules*, **2019**, 128, 692-699	7.9	16
28	An innovative nucleic acid based biosensor toward detection of Legionella pneumophila using DNA immobilization and hybridization: A novel genosensor. *Microchemical Journal*, **2019**, 148, 708-716	4.8	15
27	Bioassays: The best alternative for conventional methods in detection of Legionella pneumophila. *International Journal of Biological Macromolecules*, **2019**, 121, 1295-1307	7.9	14
26	Recent advances in the biosensing of neurotransmitters: material and method overviews towards the biomedical analysis of psychiatric disorders. *Analytical Methods*, **2020**, 12, 557-575	3.2	12
25	Biosensing: The best alternative for conventional methods in detection of Alzheimeras disease biomarkers. *International Journal of Biological Macromolecules*, **2020**, 161, 59-71	7.9	11
24	The trends in nanomaterial-based biosensors for detecting critical biomarkers in stroke. *Clinica Chimica Acta*, **2021**, 514, 107-121	6.2	10
23	Biosensors promising bio-device for pandemic screening "COVID-19". *Microchemical Journal*, **2021**, 164, 106094	4.8	10
22	Monitoring of five benzodiazepines using a novel polymeric interface prepared by layer by layer strategy. *Microchemical Journal*, **2019**, 146, 121-125	4.8	10
21	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. *Journal of Molecular Recognition*, **2020**, 33, e2839	2.6	9
20	Anti-bacterial activity of gold nanocomposites as a new nanomaterial weapon to combat photogenic agents: recent advances and challenges.. *RSC Advances*, **2021**, 11, 34688-34698	3.7	9
19	Bio-assay of Acintobacter baumannii using DNA conjugated with gold nano-star: A new platform for microorganism analysis. *Enzyme and Microbial Technology*, **2020**, 133, 109466	3.8	9
18	Bioassay: A novel approach in antipsychotic pharmacology. *Clinica Chimica Acta*, **2020**, 509, 30-35	6.2	8
17	Biosensors in Parkinsonas disease. *Clinica Chimica Acta*, **2021**, 518, 51-58	6.2	8

16	Biosensors: A novel approach to and recent discovery in detection of cytokines. *Cytokine*, **2020**, 136, 155272	4	7
15	Cetyltrimethyl ammonium bromide modified gold nanostructure supported by chitosan as a novel scaffold for immobilization of DNA and ultra-sensitive bioassay of Legionella pneumophila. *Microchemical Journal*, **2019**, 149, 103961	4.8	5
14	Synthesis and electroanalytical behaviour of AgNPs/graphite conductive nano-ink towards biosensing of bacteria genome in human biofluids. *Analytical Methods*, **2020**, 12, 1218-1228	3.2	5
13	A novel nucleic acid based bio-assay toward recognition of Haemophilus influenza using bioconjugation and DNA hybridization method. *International Journal of Biological Macromolecules*, **2019**, 139, 1239-1251	7.9	4
12	The bioconjugation of DNA with gold nanoparticles towards the spectrophotometric genosensing of pathogenic bacteria. *Analytical Methods*, **2019**, 11, 4289-4298	3.2	3
11	Trend in creatinine determining methods: Conventional methods to molecular-based methods. *Analytical Science Advances*, **2021**, 2, 308-325	1.1	3
10	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. *Analytical Methods*, **2021**, 13, 311-321	3.2	3
9	Sensitive immunosensing of □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.. *RSC Advances*, **2022**, 12, 4346-4357	3.7	2
8	Bacteriophages: cancer diagnosis, treatment, and future prospects. *Journal of Pharmaceutical Investigation*, **2021**, 51, 23-34	6.3	2
7	Applications of scaffold-based advanced materials in biomedical sensing. *TrAC - Trends in Analytical Chemistry*, **2021**, 143, 116342	14.6	2
6	Recent advances in biosensors for detection of osteoarthritis and rheumatoid arthritis biomarkers. *Sensors and Actuators A: Physical*, **2021**, 331, 112975	3.9	2
5	DNA Based Vaccines against Mycobacterium Tuberculosis: Recent Progress in Vaccine Development and Delivery System. *Iranian Journal of Immunology*, **2020**, 17, 255-274	0.9	1
4	Sensitive recognition of Shiga toxin using biosensor technology: An efficient platform towards bioanalysis of pathogenic bacterial. *Microchemical Journal*, **2022**, 172, 106900	4.8	0
3	Environmental protection based on the nanobiosensing of bacterial lipopolysaccharides (LPSs): material and method overview.. *RSC Advances*, **2022**, 12, 9704-9724	3.7	0
2	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.. *RSC Advances*, **2022**, 12, 14154-14166	3.7	0
1	Sensitive electrochemical recognition of □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.. *Journal of Molecular Recognition*, **2022**, e2952	2.6	