Monireh Bakhshpour

List of Publications by Year in Descending Order

40 papers	519 citations	14 h-index	22 g-index
46 ext. papers	719 ext. citations	4.4 avg, IF	4.71 L-index

#	Paper	IF	Citations
40	The Effects of Three-Dimensional Ligand Immobilization on Kinetic Measurements in Biosensors.. *Polymers*, **2022**, 14,	4.5	1
39	Nanosensors for controlled release fertilizer **2022**, 431-447		
38	Preparation of Notch-4 Receptor Containing Quartz Crystal Microbalance Biosensor for MDA MB 231 Cancer Cell Detection. *Methods in Molecular Biology*, **2022**, 2393, 515-533	1.4	
37	An alternative approach for bacterial growth control: Pseudomonas spp. imprinted polymer-based surface plasmon resonance sensor. *IEEE Sensors Journal*, **2022**, 1-1	4	0
36	Sensitive and real-time detection of IgG using interferometric reflecting imaging sensor system.. *Biosensors and Bioelectronics*, **2022**, 201, 113961	11.8	4
35	Nanoparticle-based plasmonic devices for bacteria and virus recognition **2022**, 167-183		
34	Sensor Applications for Detection in Agricultural Products, Foods, and Water **2022**, 311-352		
33	Development of Molecularly Imprinted Polymer-Based Optical Sensor for the Sensitive Penicillin G Detection in Milk. *ChemistrySelect*, **2021**, 6, 11865-11875	1.8	2
32	Microfluidic Systems for Cancer Diagnosis and Applications. *Micromachines*, **2021**, 12,	3.3	4
31	Quartz Crystal Microbalance (QCM) Based Biosensor Functionalized by HER2/neu Antibody for Breast Cancer Cell Detection. *Chemosensors*, **2021**, 9, 80	4	5
30	Whole Cell Recognition of Using Biomimetic SPR Sensors. *Biosensors*, **2021**, 11,	5.9	5
29	Molecular Imprinting-Based Sensing Platforms for Recognition of Microorganisms **2021**, 255-281		
28	Antibacterial effect against both Gram-positive and Gram-negative bacteria via lysozyme imprinted cryogel membranes. *Journal of Biomaterials Science, Polymer Edition*, **2021**, 32, 1024-1039	3.5	6
27	Sensitive and selective detection of amitrole based on molecularly imprinted nanosensor. *Journal of Molecular Recognition*, **2021**, 34, e2929	2.6	2
26	Surface Plasmon Resonance-Based Immunosensor for Igm Detection with Gold Nanoparticles. *Micromachines*, **2021**, 12,	3.3	4
25	Composite Polymeric Cryogel Cartridges for Selective Removal of Cadmium Ions from Aqueous Solutions. *Polymers*, **2020**, 12,	4.5	6
24	Poly(Hydroxyethyl Methacrylate) Immunoaffinity Cryogel Column for the Purification of Human Immunoglobulin M. *Gels*, **2020**, 6,	4.2	8

23	Molecularly imprinted cryogel cartridges for the selective recognition of tyrosine. *Biotechnology Progress*, **2020**, 36, e3006	2.8	11
22	Wastewater Treatment **2020**, 33-64		
21	Molecularly Imprinted Nanosensors for Microbial Contaminants. *Nanotechnology in the Life Sciences* , **2020**, 353-388	1.1	2
20	HbA1c detection via high-sensitive boronate based surface plasmon resonance sensor. *Sensors and Actuators B: Chemical*, **2020**, 306, 127561	8.5	15
19	Surface-imprinted silica particles for Concanavalin A purification from Canavalia ensiformis. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2020**, 1136, 121852	3.2	5
18	Highly sensitive detection of Cd(II) ions using ion-imprinted surface plasmon resonance sensors. *Microchemical Journal*, **2020**, 159, 105572	4.8	20
17	Commercial sensors for pathogen detection **2020**, 89-106		4
16	Selective detection of Escherichia coli caused UTIs with surface imprinted plasmonic nanoscale sensor. *Materials Science and Engineering C*, **2019**, 104, 109869	8.3	26
15	Novel QCM and SPR sensors based on molecular imprinting for highly sensitive and selective detection of 2,4-dichlorophenoxyacetic acid in apple samples. *Materials Science and Engineering C*, **2019**, 102, 483-491	8.3	27
14	Biomedical Applications of Polymeric Cryogels. *Applied Sciences (Switzerland)*, **2019**, 9, 553	2.6	37
13	Quartz crystal microbalance biosensor for label-free MDA MB 231 cancer cell detection via notch-4 receptor. *Talanta*, **2019**, 204, 840-845	6.2	38
12	Molecularly imprinted composite bacterial cellulose nanofibers for antibiotic release. *Journal of Biomaterials Science, Polymer Edition*, **2019**, 30, 450-461	3.5	35
11	Ag+ ions imprinted cryogels for selective removal of silver ions from aqueous solutions. *Separation Science and Technology*, **2019**, 54, 2993-3004	2.5	12
10	Controlled release of mitomycin C from PHEMAH-Cu(II) cryogel membranes. *Artificial Cells, Nanomedicine and Biotechnology*, **2018**, 46, 946-954	6.1	24
9	Ion imprinted cryogels for selective removal of Ni(II) ions from aqueous solutions. *Separation and Purification Technology*, **2017**, 179, 36-44	8.3	43
8	Affinity binding of proteins to the modified bacterial cellulose nanofibers. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2017**, 1052, 121-127	3.2	10
7	Microcontact imprinted quartz crystal microbalance nanosensor for protein C recognition. *Colloids and Surfaces B: Biointerfaces*, **2017**, 151, 264-270	6	35
6	Surface imprinted bacterial cellulose nanofibers for hemoglobin purification. *Colloids and Surfaces B: Biointerfaces*, **2017**, 158, 453-459	6	25

5	Microcontact Imprinted Plasmonic Nanosensors: Powerful Tools in the Detection of Salmonella paratyphi. *Sensors*, **2017**, 17,	3.8	45
4	[PHEMA/PEI]-Cu(II) based immobilized metal affinity chromatography cryogels: Application on the separation of IgG from human plasma. *Materials Science and Engineering C*, **2016**, 61, 824-31	8.3	26
3	Preparation and characterization of thiophilic cryogels with 2-mercapto ethanol as the ligand for IgG purification. *Colloids and Surfaces B: Biointerfaces*, **2014**, 113, 261-8	6	25
2	A Plasmonic Sensing Platform Based on Molecularly Imprinted Polymers for Medical Applications87-102		
1	Cancer Cell Recognition via Sensors System157-170		