

## List of Publications by Year in descending order

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103  
papers

3,177  
citations

136740

32  
h-index

168136

53  
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104  
all docs

104  
docs citations

104  
times ranked

2580  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preconcentration of copper on ion-selective imprinted polymer microbeads. <i>Analytica Chimica Acta</i> , 2003, 480, 251-258.	2.6	225
2	Ni(II) ion-imprinted solid-phase extraction and preconcentration in aqueous solutions by packed-bed columns. <i>Analytica Chimica Acta</i> , 2004, 502, 91-97.	2.6	222
3	Cr(III)-imprinted polymeric beads: Sorption and preconcentration studies. <i>Journal of Hazardous Materials</i> , 2007, 140, 110-116.	6.5	135
4	Beneficial Effects of Dietary Restriction on Cerebral Cortical Synaptic Terminals. <i>Journal of Neurochemistry</i> , 2001, 75, 314-320.	2.1	111
5	Quantum dot nanocrystals having guanosine imprinted nanoshell for DNA recognition. <i>Talanta</i> , 2008, 75, 890-896.	2.9	107
6	l-Histidine Imprinted Synthetic Receptor for Biochromatography Applications. <i>Analytical Chemistry</i> , 2006, 78, 7253-7258.	3.2	104
7	Preconcentration of copper using double-imprinted polymer via solid phase extraction. <i>Analytica Chimica Acta</i> , 2006, 565, 145-151.	2.6	102
8	Molecularly imprinted ligand-exchange recognition assay of glucose by quartz crystal microbalance. <i>Biosensors and Bioelectronics</i> , 2005, 20, 2197-2202.	5.3	92
9	Removal of mercury species with dithiocarbamate-anchored polymer/organosmectite composites. <i>Journal of Hazardous Materials</i> , 2008, 150, 560-564.	6.5	88
10	Removal of heavy metal ions by dithiocarbamate-anchored polymer/organosmectite composites. <i>Applied Clay Science</i> , 2006, 31, 298-305.	2.6	81
11	Molecular Imprinting Technology in Quartz Crystal Microbalance (QCM) Sensors. <i>Sensors</i> , 2017, 17, 454.	2.1	81
12	Removal of phenolic compounds with nitrophenol-imprinted polymer based on $\pi$ - $\pi$ and hydrogen-bonding interactions. <i>Separation and Purification Technology</i> , 2004, 38, 173-179.	3.9	77
13	Ion-imprinted beads for molecular recognition based mercury removal from human serum. <i>International Journal of Biological Macromolecules</i> , 2007, 40, 159-166.	3.6	65
14	Selective preconcentration of thorium in the presence of UO, Ce and La using Th(IV)-imprinted polymer. <i>Talanta</i> , 2005, 67, 640-645.	2.9	60
15	Selective separation and preconcentration of cyanide by a column packed with cyanide-imprinted polymeric microbeads. <i>Separation and Purification Technology</i> , 2004, 40, 9-14.	3.9	59
16	Selective Separation of Uranium Containing Glutamic Acid Molecular-Imprinted Polymeric Microbeads. <i>Separation Science and Technology</i> , 2003, 38, 3431-3447.	1.3	56
17	Ion-Imprinted Polymers for Selective Recognition of Neodymium(III) in Environmental Samples. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 5328-5335.	1.8	55
18	Poly(ethylene dimethacrylate-glycidyl methacrylate) Monolith as a Stationary Phase in Dye-Affinity Chromatography. <i>Industrial &amp; Engineering Chemistry Research</i> , 2004, 43, 6507-6513.	1.8	53

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19	Potentiometric behavior of electrodes based on overoxidized polypyrrole films. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 372, 786-790.	1.9	48
20	Gold nanoparticles having dipicolinic acid imprinted nanoshell for <i>Bacillus cereus</i> spores recognition. <i>Applied Surface Science</i> , 2009, 256, 142-148.	3.1	48
21	Superparamagnetic nanotraps containing MIP based mimic lipase for biotransformations uses. <i>Journal of Nanoparticle Research</i> , 2011, 13, 2073-2079.	0.8	45
22	Preparation of new molecularly imprinted quartz crystal microbalance hybride sensor system for 8-hydroxy-2-deoxyguanosine determination. <i>Analytica Chimica Acta</i> , 2009, 640, 82-86.	2.6	44
23	Gold-silver nanoclusters having dipicolinic acid imprinted nanoshell for <i>Bacillus cereus</i> spores recognition. <i>Talanta</i> , 2009, 78, 1332-1338.	2.9	41
24	Biomimicking, metal-chelating and surface-imprinted polymers for the degradation of pesticides. <i>Reactive and Functional Polymers</i> , 2010, 70, 238-243.	2.0	41
25	Synergie between molecular imprinted polymer based on solid-phase extraction and quartz crystal microbalance technique for 8-OHdG sensing. <i>Biosensors and Bioelectronics</i> , 2008, 24, 742-747.	5.3	40
26	8-OHdG sensing with MIP based solid phase extraction and QCM technique. <i>Sensors and Actuators B: Chemical</i> , 2009, 137, 7-11.	4.0	40
27	Phosphoserine imprinted nanosensor for detection of Cancer Antigen 125. <i>Talanta</i> , 2017, 167, 172-180.	2.9	40
28	Selective Separation of Thorium Using Ion Imprinted Chitosan-Phthalate Particles via Solid Phase Extraction. <i>Separation Science and Technology</i> , 2006, 41, 3109-3121.	1.3	38
29	Mimicking receptor for methylmercury preconcentration based on ion-imprinting. <i>Talanta</i> , 2007, 71, 699-705.	2.9	38
30	Separation and purification of hyaluronic acid by glucuronic acid imprinted microbeads. <i>Materials Science and Engineering C</i> , 2009, 29, 1404-1408.	3.8	36
31	Ion imprinted cryogel-based supermacroporous traps for selective separation of cerium(III) in real samples. <i>Journal of Rare Earths</i> , 2018, 36, 857-862.	2.5	36
32	Separation and purification of hyaluronic acid by embedded glucuronic acid imprinted polymers into cryogel. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 934, 46-52.	1.2	34
33	Molecularly imprinted ligand-exchange recognition assay of DNA by SPR system using guanosine and guanine recognition sites of DNA. <i>Sensors and Actuators B: Chemical</i> , 2008, 133, 484-488.	4.0	33
34	New synthesis method for 4-MAPBA monomer and using for the recognition of IgM and mannose with MIP-based QCM sensors. <i>Analyst</i> , 2013, 138, 1558.	1.7	33
35	Preconcentration of phosphate ion onto ion-imprinted polymer. <i>Journal of Hazardous Materials</i> , 2008, 157, 130-136.	6.5	30
36	Preparation of new molecularly imprinted nanosensor for cholic acid determination. <i>Sensors and Actuators B: Chemical</i> , 2012, 162, 153-158.	4.0	30

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37	Polymerâ€”Clay Nanocomposite Iron Traps Based on Intersurface Ion-Imprinting. <i>Industrial &amp; Engineering Chemistry Research</i> , 2008, 47, 2258-2264.	1.8	28
38	Nanosensors having dipicolinic acid imprinted nanoshell for <i>Bacillus cereus</i> spores detection. <i>Journal of Nanoparticle Research</i> , 2010, 12, 2069-2079.	0.8	27
39	A novel nanoprotein particle synthesis: Nanolipase. <i>Process Biochemistry</i> , 2011, 46, 1688-1692.	1.8	27
40	Molecularly imprinted affinity cryogels for the selective recognition of myoglobin in blood serum. <i>Journal of Molecular Structure</i> , 2018, 1174, 171-176.	1.8	27
41	4-Aminophenyl boronic acid modified gold platforms for influenza diagnosis. <i>Materials Science and Engineering C</i> , 2013, 33, 824-830.	3.8	25
42	Paraoxon imprinted biopolymer based QCM sensor. <i>Materials Chemistry and Physics</i> , 2013, 139, 107-112.	2.0	24
43	Ligand exchange based paraoxon imprinted QCM sensor. <i>Materials Science and Engineering C</i> , 2013, 33, 938-942.	3.8	24
44	Simultaneous depletion of immunoglobulin G and albumin from human plasma using novel monolithic cryogel columns. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 112, 1-8.	2.5	22
45	Goldâ€”silver-nanoclusters having cholic acid imprinted nanoshell. <i>Talanta</i> , 2012, 93, 364-370.	2.9	20
46	Potentiometric sensor fabrication having 2D sarcosine memories and analytical features. <i>Materials Science and Engineering C</i> , 2016, 69, 231-235.	3.8	20
47	Imprinted Materials. , 2020, , 317-350.		20
48	Investigation of synthetic lipase and its use in transesterification reactions. <i>Polymer</i> , 2012, 53, 1981-1984.	1.8	19
49	Investigation of photosensitively bioconjugated targeted quantum dots for the labeling of Cu/Zn superoxide dismutase in fixed cells and tissue sections. <i>Histochemistry and Cell Biology</i> , 2011, 135, 523-530.	0.8	18
50	3D Micropatterned Allâ€”Flexible Microfluidic Platform for Microwaveâ€”Assisted Flow Organic Synthesis. <i>ChemPlusChem</i> , 2018, 83, 42-46.	1.3	18
51	Nano anti-tumor necrosis factor-alpha based potentiometric sensor for tumor necrosis factor-alpha detection. <i>Sensors and Actuators B: Chemical</i> , 2015, 209, 864-869.	4.0	17
52	Ferritin based bionanocages as novel biomemory device concept. <i>Biosensors and Bioelectronics</i> , 2018, 103, 19-25.	5.3	16
53	Comparison of Adsorption and Selectivity Characteristics for 4â€”Nitrophenol Imprinted Polymers Prepared via Bulk and Suspension Polymerization. <i>Separation Science and Technology</i> , 2005, 39, 3471-3484.	1.3	15
54	Simultaneous depletion of albumin and immunoglobulin G by using twin affinity magnetic nanotraps. <i>Separation Science and Technology</i> , 2016, 51, 2080-2089.	1.3	15

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55	Light harvesting and photo-induced electrochemical devices based on bionanocage proteins. Journal of Power Sources, 2019, 440, 227119.	4.0	14
56	Imprinted polymer/organo-smectite nanocomposites for paraoxon hydrolysis. Applied Clay Science, 2010, 47, 223-228.	2.6	13
57	Polymeric amylase nanoparticles as a new semi-synthetic enzyme system for hydrolysis of starch. Materials Science and Engineering C, 2013, 33, 1900-1906.	3.8	13
58	Determination of Clenbuterol by Multiwalled Carbon Nanotube Potentiometric Sensors. Analytical Letters, 2016, 49, 778-789.	1.0	13
59	A novel lanthanide-chelate based molecularly imprinted cryogel for purification of hemoglobin from blood serum: An alternative method for thalassemia diagnosis. Process Biochemistry, 2020, 91, 189-196.	1.8	13
60	Determination of phytate in the Turkish diet by phosphorus-31 Fourier transform nuclear magnetic resonance spectroscopy. Journal of Agricultural and Food Chemistry, 1990, 38, 733-735.	2.4	12
61	Characterization of Electrochemically Deposited Polypyrrole Using Magnetoelastic Material Transduction Elements. Analytical Chemistry, 2002, 74, 4050-4053.	3.2	12
62	Nano-hemoglobin film based sextet state biomemory device by cross-linked photosensitive hapten monomer. Talanta, 2018, 176, 85-91.	2.9	12
63	In situ and non-cytotoxic cross-linking strategy for 3D printable biomaterials. Soft Matter, 2021, 17, 1008-1015.	1.2	12
64	Mutual recognition of TNT using antibodies polymeric shell having CdS. Talanta, 2012, 90, 103-108.	2.9	11
65	Nanolabel for TNF- $\alpha$ determination. Applied Surface Science, 2013, 275, 233-238.	3.1	10
66	Concanavalin A photocross-linked affinity cryogels for the purification of horseradish peroxidase. Adsorption Science and Technology, 2018, 36, 1199-1212.	1.5	10
67	Development of potentiometric biosensor for diagnosis of prostate cancer. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 263, 114789.	1.7	10
68	Novel nanoimaging approach: Antibodious polymeric nanolabel for intracellular alpha $\beta$ -fetoprotein targeted monitoring. Biotechnology Progress, 2013, 29, 472-479.	1.3	9
69	Reusable nanocopy machine particles for the replication of DNA. Biotechnology Progress, 2015, 31, 119-123.	1.3	9
70	Multistate proteinous biomemory device based on redox controllable hapten cross-linker. Materials Science and Engineering C, 2017, 79, 336-342.	3.8	9
71	Adsorption behaviours of lysozyme onto poly-hydroxyethyl methacrylate cryogels containing methacryloyl antipyrine-Ce(III). International Journal of Polymeric Materials and Polymeric Biomaterials, 2018, 67, 199-204.	1.8	9
72	Metal chelate based site recognition of ceruloplasmin using molecularly imprinted polymer/cryogel system. Separation Science and Technology, 2020, 55, 199-208.	1.3	9

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73	A powerful combination in designing polymeric scaffolds: 3D bioprinting and cryogelation. International Journal of Polymeric Materials and Polymeric Biomaterials, 2020, , 1-13.	1.8	9
74	Purification of penicillin acylase through a monolith column containing methacryloyl antipyrine. Separation and Purification Technology, 2007, 55, 1-7.	3.9	8
75	Photosystem (PSII)-based hybrid nanococktails for the fabrication of BIO-DSSC and photo-induced memory device. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 401, 112743.	2.0	8
76	Novel protein photocrosslinking and cryopolymerization method for cryogel-based antibacterial material synthesis. Journal of Applied Polymer Science, 2012, 125, 145-151.	1.3	7
77	Silan based paraoxon memories onto QCM electrodes. Journal of Industrial and Engineering Chemistry, 2013, 19, 1788-1792.	2.9	7
78	Ligand exchange and MIP-based paraoxon memories onto QCM sensor. Applied Physics A: Materials Science and Processing, 2015, 119, 351-357.	1.1	7
79	Biopolymer based ion imprinting cryogel traps for the removal of Tl(I). Separation Science and Technology, 2016, 51, 901-908.	1.3	7
80	Thiocyanate separation by imprinted polymeric systems. Mikrochimica Acta, 2010, 169, 129-135.	2.5	6
81	Development of New Molecular Imprinted Solid Phase Extraction Material for Dimethoate. Spectroscopy Letters, 2014, 47, 168-176.	0.5	6
82	Developing column material for the separation of serum amyloid P and C reactive protein from biological sources. Biomedical Chromatography, 2014, 28, 1345-1351.	0.8	5
83	Double-imprinted potentiometric sensors based on ligand exchange for the determination of dimethoate. Korean Journal of Chemical Engineering, 2015, 32, 1613-1617.	1.2	5
84	Biomimetic Imprinted Polymers. , 2016, , 103-120.		5
85	Development of molecular imprinting-based smart cryogels for selective recognition and separation of serum cytochrome-c as a biochemical indicator. Process Biochemistry, 2021, 106, 112-119.	1.8	5
86	Semi-synthetic biotin imprinting onto avidin crosslinked gold-silver nanoparticles. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	4
87	A new approach for the construction of dual character in nanosystems. Sensors and Actuators B: Chemical, 2016, 222, 1012-1017.	4.0	4
88	Proteinous Polymeric Shell Decorated Nanocrystals for the Recognition of Immunoglobulin M. Journal of Fluorescence, 2019, 29, 609-617.	1.3	4
89	Selective Recognition and Separation of Ubiquitin by Nanoparticle Embedded Cryogel Traps with Ubiquitin Memories Based on Photosensitive Covalent Imprinting. Journal of Analytical Chemistry, 2021, 76, 165-171.	0.4	4
90	Synergistic effect of binanoenzyme and cryogel column on the production of formic acid from carbondioxide. Journal of Industrial and Engineering Chemistry, 2019, 76, 251-257.	2.9	3

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91	Anti-LDL antibody-nanoparticles embedded cryogel for low density lipoprotein-depletion from hypercholesterolemic human serum. Separation Science and Technology, 2020, 55, 1786-1794.	1.3	3
92	RuBisCO nano enzyme for mimicking CO <sub>2</sub> conversion system in plants. Biotechnology and Applied Biochemistry, 2021, 68, 392-403.	1.4	3
93	Application of HRP-streptavidin bionanoparticles for potentiometric biotin determination. Bioelectrochemistry, 2022, 144, 107993.	2.4	3
94	Bioconjugated and Cross-Linked Bionanostructures for Bifunctional Immunohistochemical Labeling. Microscopy and Microanalysis, 2012, 18, 324-330.	0.2	2
95	Synergistic thallium and iodine memory-based cryogel traps for removing thallium and iodine ions. Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 2229-2236.	0.7	2
96	Multifunctional nanoenzymes from carbonic anhydrase skeleton. Process Biochemistry, 2018, 72, 71-78.	1.8	2
97	Electrochemical polymerization of benzene in the presence of Ag <sup>+</sup> , Pb <sup>2+</sup> and Cu <sup>+</sup> ions. Materials Research Innovations, 2001, 4, 126-130.	1.0	1
98	Bitargeting and ambushing nanotheranostics. Artificial Cells, Nanomedicine and Biotechnology, 2014, 42, 138-145.	1.9	1
99	Molecularly imprinted polymer embedded-cryogels as selective genotoxic impurity scavengers. Separation Science and Technology, 0, , 1-13.	1.3	1
100	Polyvalent integrin antagonist-decorated superparamagnetic iron oxide nanoparticles for triggering apoptosis in human leukemia cancer cells. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	0
101	DNA ligase photocrosslinked cryogenic column based biotinylation kit for viral hybridization and detection. Process Biochemistry, 2019, 84, 213-219.	1.8	0
102	A new potentiometric platform: Antibody cross-linked graphene oxide potentiometric immunosensor for clenbuterol determination. Biotechnology and Applied Biochemistry, 2020, , .	1.4	0
103	Graphenoxide Cross-Linker Based Potentiometric Biosensor Design For Sarcosine Determination. Protein and Peptide Letters, 2021, 28, .	0.4	0