Rdvan Say

List of Publications by Citations

78 papers	2,022 citations	26 h-index	41 g-index
81 ext. papers	2,173 ext. citations	4.1 avg, IF	4.75 L-index

#	Paper	IF	Citations
78	Biosorption of Cadmium, Lead, Mercury, and Arsenic Ions by the Fungus Penicillium purpurogenum. *Separation Science and Technology*, **2003**, 38, 2039-2053	2.5	121
77	L-histidine imprinted synthetic receptor for biochromatography applications. *Analytical Chemistry*, **2006**, 78, 7253-8	7.8	95
76	Preconcentration of copper using double-imprinted polymer via solid phase extraction. *Analytica Chimica Acta*, **2006**, 565, 145-151	6.6	93
75	Removal of Heavy Metal Ions Using the Fungus Penicillium Canescens. *Adsorption Science and Technology*, **2003**, 21, 643-650	3.6	86
74	Molecular imprinted particles for lysozyme purification. *Materials Science and Engineering C*, **2007**, 27, 90-99	8.3	85
73	Removal of mercury species with dithiocarbamate-anchored polymer/organosmectite composites. *Journal of Hazardous Materials*, **2008**, 150, 560-4	12.8	82
72	Molecularly Imprinted PHEMA-Based Cryogel for Depletion of Hemoglobin from Human Blood. *Macromolecular Chemistry and Physics*, **2010**, 211, 657-668	2.6	75
71	Ion-Selective Imprinted Beads for Aluminum Removal from Aqueous Solutions. *Industrial & Engineering Chemistry Research*, **2006**, 45, 1780-1786	3.9	65
70	Molecularly imprinted supermacroporous cryogels for cytochrome c recognition. *Journal of Separation Science*, **2011**, 34, 3433-40	3.4	53
69	Selective Separation of Uranium Containing Glutamic Acid Molecular-Imprinted Polymeric Microbeads. *Separation Science and Technology*, **2003**, 38, 3431-3447	2.5	53
68	Molecular Imprinting Technology in Quartz Crystal Microbalance (QCM) Sensors. *Sensors*, **2017**, 17,	3.8	50
67	Preparation of MIP-based QCM nanosensor for detection of caffeic acid. *Talanta*, **2014**, 119, 533-7	6.2	49
66	Ion-selective Imprinted Superporous Monolith for Cadmium Removal from Human Plasma. *Separation Science and Technology*, **2005**, 40, 3167-3185	2.5	48
65	Binding behavior of Fe3+ ions on ion-imprinted polymeric beads for analytical applications. *Journal of Applied Polymer Science*, **2006**, 101, 3520-3528	2.9	46
64	Ion-Imprinted Polymers for Selective Recognition of Neodymium(III) in Environmental Samples. *Industrial & Engineering Chemistry Research*, **2015**, 54, 5328-5335	3.9	45
63	N-Acylbenzotriazole Mediated Synthesis of Some Methacrylamido Amino Acids. *Letters in Organic Chemistry*, **2007**, 4, 585-587	0.6	43
62	Preparation of new molecularly imprinted quartz crystal microbalance hybride sensor system for 8-hydroxy-2'-deoxyguanosine determination. *Analytica Chimica Acta*, **2009**, 640, 82-6	6.6	42

61	Superparamagnetic nanotraps containing MIP based mimic lipase for biotransformations uses. *Journal of Nanoparticle Research*, **2011**, 13, 2073-2079	2.3	40
60	Molecular recognition based cadmium removal from human plasma. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2004**, 811, 119-26	3.2	40
59	Adsorption of Ni2+ from aqueous solutions by novel polyethyleneimine-attached poly(p-chloromethylstyrene) beads. *Journal of Applied Polymer Science*, **2002**, 83, 2467-2473	2.9	37
58	Selective Separation of Thorium Using Ion Imprinted Chitosan-Phthalate Particles via Solid Phase Extraction. *Separation Science and Technology*, **2006**, 41, 3109-3121	2.5	36
57	Preparation and Characterization of the Newly Synthesized Metal-Complexing-Ligand N-Methacryloylhistidine Having PHEMA Beads for Heavy Metal Removal from Aqueous Solutions. *Macromolecular Materials and Engineering*, **2002**, 287, 539-545	3.9	33
56	A new metal chelate affinity adsorbent for cytochrome C. *Biotechnology Progress*, **2004**, 20, 223-8	2.8	30
55	Ion-imprinted PHEMA based monolith for the removal of Fe3+ ions from aqueous solutions. *Journal of Applied Polymer Science*, **2011**, 120, 1829-1836	2.9	29
54	A new molecular imprinting-based mass-sensitive sensor for real-time detection of 17□estradiol from aqueous solution. *Environmental Progress and Sustainable Energy*, **2013**, 32, 1164-1169	2.5	27
53	Preparation of magnetic dye affinity adsorbent and its use in the removal of aluminium ions. *Journal of Biomaterials Science, Polymer Edition*, **2001**, 12, 1059-73	3.5	27
52	Phosphoserine imprinted nanosensor for detection of Cancer Antigen 125. *Talanta*, **2017**, 167, 172-180	6.2	26
51	An Ion-Imprinted Monolith for in Vitro Removal of Iron out of Human Plasma with Beta Thalassemia. *Industrial & Engineering Chemistry Research*, **2008**, 47, 7849-7856	3.9	25
50	Nanosensors having dipicolinic acid imprinted nanoshell for Bacillus cereus spores detection. *Journal of Nanoparticle Research*, **2010**, 12, 2069-2079	2.3	24
49	Molecularly imprinted cryogel for L-glutamic acid separation. *Biotechnology Progress*, **2012**, 28, 459-66	2.8	23
48	Self-oriented nanoparticles for site-selective immunoglobulin G recognition via epitope imprinting approach. *Colloids and Surfaces B: Biointerfaces*, **2014**, 123, 831-7	6	22
47	4-Aminophenyl boronic acid modified gold platforms for influenza diagnosis. *Materials Science and Engineering C*, **2013**, 33, 824-30	8.3	21
46	Gold-silver-nanoclusters having cholic acid imprinted nanoshell. *Talanta*, **2012**, 93, 364-70	6.2	20
45	A novel nanoprotein particle synthesis: Nanolipase. *Process Biochemistry*, **2011**, 46, 1688-1692	4.8	20
44	Molecular recognition-based detoxification of aluminum in human plasma. *Journal of Biomaterials Science, Polymer Edition*, **2009**, 20, 1235-58	3.5	20

43	Multiclonal plastic antibodies for selective aflatoxin extraction from food samples. *Food Chemistry*, **2017**, 221, 829-837	8.5	19
42	Development of a highly sensitive MIP based-QCM nanosensor for selective determination of cholic acid level in body fluids. *Materials Science and Engineering C*, **2014**, 42, 436-42	8.3	19
41	Performance of dye-affinity beads for aluminium removal in magnetically stabilized fluidized bed. *Biomagnetic Research and Technology*, **2004**, 2, 5		19
40	Aspartic acid incorporated monolithic columns for affinity glycoprotein purification. *Colloids and Surfaces B: Biointerfaces*, **2014**, 114, 67-74	6	18
39	Potentiometric sensor fabrication having 2D sarcosine memories and analytical features. *Materials Science and Engineering C*, **2016**, 69, 231-5	8.3	17
38	Investigation of synthetic lipase and its use in transesterification reactions. *Polymer*, **2012**, 53, 1981-1984	3.9	17
37	Creation of recognition sites for organophosphate esters based on charge transfer and ligand exchange imprinting methods. *Analytica Chimica Acta*, **2006**, 579, 74-80	6.6	17
36	3D Micropatterned All-Flexible Microfluidic Platform for Microwave-Assisted Flow Organic Synthesis. *ChemPlusChem*, **2018**, 83, 42-46	2.8	16
35	Investigation of photosensitively bioconjugated targeted quantum dots for the labeling of Cu/Zn superoxide dismutase in fixed cells and tissue sections. *Histochemistry and Cell Biology*, **2011**, 135, 523-30	2.4	15
34	Novel methacryloylamidophenylalanine functionalized porous chelating beads for adsorption of heavy metal ions. *Advances in Polymer Technology*, **2003**, 22, 355-364	1.9	14
33	Heavy Metal Ion Adsorption Properties of Methacrylamidocysteine-Containing Porous Poly(Hydroxyethyl Methacrylate) Chelating Beads. *Adsorption Science and Technology*, **2002**, 20, 607-617	3.6	14
32	Ferritin based bionanocages as novel biomemory device concept. *Biosensors and Bioelectronics*, **2018**, 103, 19-25	11.8	13
31	Simultaneous depletion of albumin and immunoglobulin G by using twin affinity magnetic nanotraps. *Separation Science and Technology*, **2016**, 51, 2080-2089	2.5	13
30	Determination of Clenbuterol by Multiwalled Carbon Nanotube Potentiometric Sensors. *Analytical Letters*, **2016**, 49, 778-789	2.2	13
29	Nano anti-tumor necrosis factor-alpha based potentiometric sensor for tumor necrosis factor-alpha detection. *Sensors and Actuators B: Chemical*, **2015**, 209, 864-869	8.5	12
28	Comparison of Adsorption and Selectivity Characteristics for 4-Nitrophenol Imprinted Polymers Prepared via Bulk and Suspension Polymerization. *Separation Science and Technology*, **2005**, 39, 3471-3484	2.5	12
27	Mutual recognition of TNT using antibodies polymeric shell having CdS. *Talanta*, **2012**, 90, 103-8	6.2	11
26	Preparation of cibacron blue F3GA-attached polyamide hollow fibers for heavy metal removal. *Journal of Applied Polymer Science*, **2002**, 83, 3089-3098	2.9	10

25	HEAVY METAL SEPARATION CAPACITY OF A POROUS METHACRYLAMIDO-PHENYLALANINE CONTAINING MEMBRANE BASED ON A POLYHYDROXY-ETHYL METHACRYLATE MATRIX. *Separation Science and Technology*, **2001**, 36, 2213-2231	2.5	10
24	Multistate proteinous biomemory device based on redox controllable hapten cross-linker. *Materials Science and Engineering C*, **2017**, 79, 336-342	8.3	8
23	Nanolabel for TNF-□determination. *Applied Surface Science*, **2013**, 275, 233-238	6.7	8
22	Novel nanoimaging approach: antibodious polymeric nanolabel for intracellular alpha-fetoprotein targeted monitoring. *Biotechnology Progress*, **2013**, 29, 472-9	2.8	7
21	Affinity separation of plasma proteins using a newly synthesized methacrylamidoalanine incorporated porous pHEMA membranes. *Separation Science and Technology*, **2002**, 37, 2077-2095	2.5	7
20	Design and Preparation of Nano-Lignin Peroxidase (NanoLiP) by Protein Block Copolymerization Approach. *Polymers*, **2016**, 8,	4.5	7
19	Reusable nanocopy machine particles for the replication of DNA. *Biotechnology Progress*, **2015**, 31, 119-2□8	2.8	6
18	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	3	6
17	Development of New Molecular Imprinted Solid Phase Extraction Material for Dimethoate. *Spectroscopy Letters*, **2014**, 47, 168-176	1.1	6
16	Novel protein photocrosslinking and cryopolymerization method for cryogel-based antibacterial material synthesis. *Journal of Applied Polymer Science*, **2012**, 125, 145-151	2.9	6
15	Thiocyanate separation by imprinted polymeric systems. *Mikrochimica Acta*, **2010**, 169, 129-135	5.8	6
14	Reversible and easy post-crosslinking method for developing a surface ion-imprinted hypercrosslinked monolith for specific Cd(II) ion removal from aqueous solutions. *RSC Advances*, **2016**, 6, 88777-88787	3.7	6
13	Metal chelate based site recognition of ceruloplasmin using molecularly imprinted polymer/cryogel system. *Separation Science and Technology*, **2020**, 55, 199-208	2.5	6
12	Double-imprinted potentiometric sensors based on ligand exchange for the determination of dimethoate. *Korean Journal of Chemical Engineering*, **2015**, 32, 1613-1617	2.8	5
11	Concanavalin A photocross-linked affinity cryogels for the purification of horseradish peroxidase. *Adsorption Science and Technology*, **2018**, 36, 1199-1212	3.6	5
10	Biopolymer based ion imprinting cryogel traps for the removal of Tl(I). *Separation Science and Technology*, **2016**, 51, 901-908	2.5	5
9	Nano-hemoglobin film based sextet state biomemory device by cross-linked photosensitive hapten monomer. *Talanta*, **2018**, 176, 85-91	6.2	5
8	Proteinous Polymeric Shell Decorated Nanocrystals for the Recognition of Immunoglobulin M. *Journal of Fluorescence*, **2019**, 29, 609-617	2.4	4

7	Semi-synthetic biotin imprinting onto avidin crosslinked gold–silver nanoparticles. *Journal of Nanoparticle Research*, **2012**, 14, 1	2.3	4
6	Synergistic thallium and iodine memory-based cryogel traps for removing thallium and iodine ions. *Journal of Radioanalytical and Nuclear Chemistry*, **2017**, 314, 2229-2236	1.5	1
5	Bioconjugated and cross-linked bionanostructures for bifunctional immunohistochemical labeling. *Microscopy and Microanalysis*, **2012**, 18, 324-30	0.5	1
4	Nickel(II)-imprinted monolithic columns for selective nickel recognition. *Journal of Applied Polymer Science*, **2010**, 117, n/a-n/a	2.9	1
3	Anti-LDL antibody-nanoparticles embedded cryogel for low density lipoprotein-depletion from hypercholesterolemic human serum. *Separation Science and Technology*, **2020**, 55, 1786-1794	2.5	1
2	RuBisCO nano enzyme for mimicking CO conversion system in plants. *Biotechnology and Applied Biochemistry*, **2021**, 68, 392-403	2.8	1
1	Bitargeting and ambushing nanotheranostics. *Artificial Cells, Nanomedicine and Biotechnology*, **2014** , 42, 138-45	6.1	0