

RÄ±dvan Say

List of Publications by Year in descending order

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99
papers

4,548
citations

76196

40
h-index

106150

65
g-index

100
all docs

100
docs citations

100
times ranked

2771
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein recognition via ion-coordinated molecularly imprinted supermacroporous cryogels. <i>Journal of Chromatography A</i> , 2008, 1190, 18-26.	1.8	233
2	Preconcentration of copper on ion-selective imprinted polymer microbeads. <i>Analytica Chimica Acta</i> , 2003, 480, 251-258.	2.6	225
3	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
4	Cr(III)-imprinted polymeric beads: Sorption and preconcentration studies. <i>Journal of Hazardous Materials</i> , 2007, 140, 110-116.	6.5	135
5	Quartz crystal microbalance based nanosensor for lysozyme detection with lysozyme imprinted nanoparticles. <i>Biosensors and Bioelectronics</i> , 2010, 26, 815-821.	5.3	134
6	Quantum dot nanocrystals having guanosine imprinted nanoshell for DNA recognition. <i>Talanta</i> , 2008, 75, 890-896.	2.9	107
7	l-Histidine Imprinted Synthetic Receptor for Biochromatography Applications. <i>Analytical Chemistry</i> , 2006, 78, 7253-7258.	3.2	104
8	Preconcentration of copper using double-imprinted polymer via solid phase extraction. <i>Analytica Chimica Acta</i> , 2006, 565, 145-151.	2.6	102
9	Rapid real-time detection of procalcitonin using a microcontact imprinted surface plasmon resonance biosensor. <i>Analyst</i> , The, 2013, 138, 6422.	1.7	102
10	Removal of heavy metal ions from water by using poly(ethyleneglycol dimethacrylate-co-acrylamide) beads. <i>European Polymer Journal</i> , 2002, 38, 1443-1448.	2.6	95
11	Bilirubin recognition via molecularly imprinted supermacroporous cryogels. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 68, 33-38.	2.5	94
12	Fab fragments imprinted SPR biosensor for real-time human immunoglobulin G detection. <i>Biosensors and Bioelectronics</i> , 2011, 28, 97-104.	5.3	94
13	Molecularly imprinted ligand-exchange recognition assay of glucose by quartz crystal microbalance. <i>Biosensors and Bioelectronics</i> , 2005, 20, 2197-2202.	5.3	92
14	Molecular imprinted particles for lysozyme purification. <i>Materials Science and Engineering C</i> , 2007, 27, 90-99.	3.8	92
15	Supermacroporous poly(hydroxyethyl methacrylate) based cryogel with embedded bilirubin imprinted particles. <i>Reactive and Functional Polymers</i> , 2009, 69, 36-42.	2.0	92
16	Use of molecular imprinted nanoparticles as biorecognition element on surface plasmon resonance sensor. <i>Sensors and Actuators B: Chemical</i> , 2011, 160, 791-799.	4.0	91
17	Production of surface plasmon resonance based assay kit for hepatitis diagnosis. <i>Biosensors and Bioelectronics</i> , 2009, 24, 2878-2884.	5.3	89
18	Molecularly Imprinted PHEMA-Based Cryogel for Depletion of Hemoglobin from Human Blood. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 657-668.	1.1	87

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19	Removal of phenolic compounds with nitrophenol-imprinted polymer based on hydrogen-bonding interactions. <i>Separation and Purification Technology</i> , 2004, 38, 173-179.	3.9	77
20	Ion-Selective Imprinted Beads for Aluminum Removal from Aqueous Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2006, 45, 1780-1786.	1.8	74
21	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
22	Ion-imprinted supermacroporous cryogel, for in vitro removal of iron out of human plasma with beta thalassemia. <i>Separation and Purification Technology</i> , 2010, 73, 243-249.	3.9	65
23	l-Histidine imprinted supermacroporous cryogels for protein recognition. <i>Separation and Purification Technology</i> , 2011, 82, 28-35.	3.9	63
24	Iron removal from human plasma based on molecular recognition using imprinted beads. <i>Materials Science and Engineering C</i> , 2005, 25, 521-528.	3.8	61
25	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
26	Molecular recognition based cadmium removal from human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 811, 119-126.	1.2	59
27	Molecularly imprinted supermacroporous cryogels for cytochrome <i>c</i> recognition. <i>Journal of Separation Science</i> , 2011, 34, 3433-3440.	1.3	59
28	Selective Separation of Uranium Containing Glutamic Acid Molecular-Imprinted Polymeric Microbeads. <i>Separation Science and Technology</i> , 2003, 38, 3431-3447.	1.3	56
29	Cadmium removal out of human plasma using ion-imprinted beads in a magnetic column. <i>Materials Science and Engineering C</i> , 2009, 29, 144-152.	3.8	56
30	Poly(ethylene dimethacrylate-glycidyl methacrylate) Monolith as a Stationary Phase in Dye-Affinity Chromatography. <i>Industrial & Engineering Chemistry Research</i> , 2004, 43, 6507-6513.	1.8	53
31	Synthesis of cholesterol imprinted polymeric particles. <i>International Journal of Biological Macromolecules</i> , 2007, 41, 8-15.	3.6	53
32	N-Acylbenzotriazole Mediated Synthesis of Some Methacrylamido Amino Acids. <i>Letters in Organic Chemistry</i> , 2007, 4, 585-587.	0.2	52
33	Molecular recognition based cadmium removal from human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 811, 119-126.	1.2	51
34	Ion-selective Imprinted Superporous Monolith for Cadmium Removal from Human Plasma. <i>Separation Science and Technology</i> , 2005, 40, 3167-3185.	1.3	50
35	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
36	Metal-complexing ligand methacryloylamidocysteine containing polymer beads for Cd(II) removal. <i>Separation and Purification Technology</i> , 2003, 30, 3-10.	3.9	47

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37	Removal of aluminium by Alizarin Yellow-attached magnetic poly(2-hydroxyethyl methacrylate) beads. <i>Reactive and Functional Polymers</i> , 2003, 55, 99-107.	2.0	46
38	Superparamagnetic nanotraps containing MIP based mimic lipase for biotransformations uses. <i>Journal of Nanoparticle Research</i> , 2011, 13, 2073-2079.	0.8	45
39	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
40	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
41	Polyethyleneimine assisted-two-step polymerization to develop surface imprinted cryogels for lysozyme purification. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 567-576.	2.5	41
42	Immunoglobulin G depletion from human serum with metal-chelated beads under magnetic field. <i>International Journal of Biological Macromolecules</i> , 2007, 40, 254-260.	3.6	40
43	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
44	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
45	Immunoglobulin G recognition with Fab fragments imprinted monolithic cryogels: Evaluation of the effects of metal-ion assisted-coordination of template molecule. <i>Reactive and Functional Polymers</i> , 2013, 73, 813-820.	2.0	40
46	Phosphoserine imprinted nanosensor for detection of Cancer Antigen 125. <i>Talanta</i> , 2017, 167, 172-180.	2.9	40
47	Preparation and Characterization of the Newly Synthesized Metal-Complexing-Ligand N-Methacryloylhistidine Having PHEMA Beads for Heavy Metal Removal from Aqueous Solutions. <i>Macromolecular Materials and Engineering</i> , 2002, 287, 539-545.	1.7	36
48	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
49	Oriented immobilized anti-hlgG via F _c fragment-imprinted PHEMA cryogel for IgG purification. <i>Biomedical Chromatography</i> , 2013, 27, 599-607.	0.8	36
50	Preparation of poly(hydroxyethyl methacrylate-co-methacrylamidohistidine) beads and its design as a affinity adsorbent for Cu(II) removal from aqueous solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 196, 199-207.	2.3	34
51	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
52	Preparation of magnetic dye affinity adsorbent and its use in the removal of aluminium ions. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2001, 12, 1059-1073.	1.9	33
53	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
54	A New Metal Chelate Affinity Adsorbent for Cytochrome c. <i>Biotechnology Progress</i> , 2008, 20, 223-228.	1.3	33

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55	New synthesis method for 4-MAPBA monomer and using for the recognition of IgM and mannose with MIP-based QCM sensors. <i>Analyst, The</i> , 2013, 138, 1558.	1.7	33
56	Ion-imprinted PHEMA based monolith for the removal of Fe ³⁺ ions from aqueous solutions. <i>Journal of Applied Polymer Science</i> , 2011, 120, 1829-1836.	1.3	32
57	Polymer-Clay Nanocomposite Iron Traps Based on Intersurface Ion-Imprinting. <i>Industrial & Engineering Chemistry Research</i> , 2008, 47, 2258-2264.	1.8	28
58	An Ion-Imprinted Monolith for in Vitro Removal of Iron out of Human Plasma with Beta Thalassemia. <i>Industrial & Engineering Chemistry Research</i> , 2008, 47, 7849-7856.	1.8	28
59	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
60	Molecularly imprinted cryogel for L-glutamic acid separation. <i>Biotechnology Progress</i> , 2012, 28, 459-466.	1.3	25
61	Self-oriented nanoparticles for site-selective immunoglobulin G recognition via epitope imprinting approach. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 831-837.	2.5	25
62	Ligand exchange based paraoxon imprinted QCM sensor. <i>Materials Science and Engineering C</i> , 2013, 33, 938-942.	3.8	24
63	Molecularly imprinted cryogels for human interferon- α purification from human gingival fibroblast culture. <i>Journal of Molecular Recognition</i> , 2013, 26, 633-642.	1.1	23
64	Aspartic acid incorporated monolithic columns for affinity glycoprotein purification. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 114, 67-74.	2.5	22
65	Performance of dye-affinity beads for aluminium removal in magnetically stabilized fluidized bed. <i>Biomagnetic Research and Technology</i> , 2004, 2, 5.	2.0	21
66	Creation of recognition sites for organophosphate esters based on charge transfer and ligand exchange imprinting methods. <i>Analytica Chimica Acta</i> , 2006, 579, 74-80.	2.6	20
67	Molecular Recognition-Based Detoxification of Aluminum in Human Plasma. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2009, 20, 1235-1258.	1.9	20
68	Gold-silver-nanoclusters having cholic acid imprinted nanoshell. <i>Talanta</i> , 2012, 93, 364-370.	2.9	20
69	Development of a highly sensitive MIP based-QCM nanosensor for selective determination of cholic acid level in body fluids. <i>Materials Science and Engineering C</i> , 2014, 42, 436-442.	3.8	20
70	Potentiometric sensor fabrication having 2D sarcosine memories and analytical features. <i>Materials Science and Engineering C</i> , 2016, 69, 231-235.	3.8	20
71	Investigation of synthetic lipase and its use in transesterification reactions. <i>Polymer</i> , 2012, 53, 1981-1984.	1.8	19
72	Methacryloylamidoglutamic acid having porous magnetic beads as a stationary phase in metal chelate affinity chromatography. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2006, 17, 213-226.	1.9	18

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73	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
74	Novel methacryloylamidophenylalanine functionalized porous chelating beads for adsorption of heavy metal ions. <i>Advances in Polymer Technology</i> , 2003, 22, 355-364.	0.8	17
75	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
76	Imprinted polymer/organo-smectite nanocomposites for paraoxon hydrolysis. <i>Applied Clay Science</i> , 2010, 47, 223-228.	2.6	13
77	Determination of Clenbuterol by Multiwalled Carbon Nanotube Potentiometric Sensors. <i>Analytical Letters</i> , 2016, 49, 778-789.	1.0	13
78	A novel lanthanide-chelate based molecularly imprinted cryogel for purification of hemoglobin from blood serum: An alternative method for thalassemia diagnosis. <i>Process Biochemistry</i> , 2020, 91, 189-196.	1.8	13
79	Mutual recognition of TNT using antibodies polymeric shell having CdS. <i>Talanta</i> , 2012, 90, 103-108.	2.9	11
80	Nanolabel for TNF- α determination. <i>Applied Surface Science</i> , 2013, 275, 233-238.	3.1	10
81	Metal chelate based site recognition of ceruloplasmin using molecularly imprinted polymer/cryogel system. <i>Separation Science and Technology</i> , 2020, 55, 199-208.	1.3	9
82	Nickel(II)-imprinted monolithic columns for selective nickel recognition. <i>Journal of Applied Polymer Science</i> , 2010, 117, 3704-3714.	1.3	7
83	Novel protein photocrosslinking and cryopolymerization method for cryogel-based antibacterial material synthesis. <i>Journal of Applied Polymer Science</i> , 2012, 125, 145-151.	1.3	7
84	Silan based paraoxon memories onto QCM electrodes. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 1788-1792.	2.9	7
85	Biopolymer based ion imprinting cryogel traps for the removal of Tl(I). <i>Separation Science and Technology</i> , 2016, 51, 901-908.	1.3	7
86	Thiocyanate separation by imprinted polymeric systems. <i>Mikrochimica Acta</i> , 2010, 169, 129-135.	2.5	6
87	Development of New Molecular Imprinted Solid Phase Extraction Material for Dimethoate. <i>Spectroscopy Letters</i> , 2014, 47, 168-176.	0.5	6
88	Gadolinium chelate monomer based memories onto QCM electrodes for folic acid detection in commercial follow-on baby milk. <i>Journal of Food Measurement and Characterization</i> , 2018, 12, 2892-2898.	1.6	6
89	Double-imprinted potentiometric sensors based on ligand exchange for the determination of dimethoate. <i>Korean Journal of Chemical Engineering</i> , 2015, 32, 1613-1617.	1.2	5
90	Biomimetic Imprinted Polymers. , 2016, , 103-120.		5

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91	Development of molecular imprinting-based smart cryogels for selective recognition and separation of serum cytochrome-c as a biochemical indicator. <i>Process Biochemistry</i> , 2021, 106, 112-119.	1.8	5
92	Semi-synthetic biotin imprinting onto avidin crosslinked gold-silver nanoparticles. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	4
93	Proteinous Polymeric Shell Decorated Nanocrystals for the Recognition of Immunoglobulin M. <i>Journal of Fluorescence</i> , 2019, 29, 609-617.	1.3	4
94	Application of HRP-streptavidin bionanoparticles for potentiometric biotin determination. <i>Bioelectrochemistry</i> , 2022, 144, 107993.	2.4	3
95	Bioconjugated and Cross-Linked Bionanostructures for Bifunctional Immunohistochemical Labeling. <i>Microscopy and Microanalysis</i> , 2012, 18, 324-330.	0.2	2
96	Synergistic thallium and iodine memory-based cryogel traps for removing thallium and iodine ions. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 2229-2236.	0.7	2
97	Molecularly imprinted polymer embedded-cryogels as selective genotoxic impurity scavengers. <i>Separation Science and Technology</i> , 0, , 1-13.	1.3	1
98	Polyvalent integrin antagonist-decorated superparamagnetic iron oxide nanoparticles for triggering apoptosis in human leukemia cancer cells. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	0
99	DNA ligase photocrosslinked cryogenic column based biotinylation kit for viral hybridization and detection. <i>Process Biochemistry</i> , 2019, 84, 213-219.	1.8	0