

# RÄ±dvan Say

## List of Publications by Year in descending order

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79  
papers

2,363  
citations

201385

27  
h-index

223531

46  
g-index

81  
all docs

81  
docs citations

81  
times ranked

2097  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosorption of Cadmium, Lead, Mercury, and Arsenic Ions by the Fungus <i>Penicillium purpurogenum</i> . <i>Separation Science and Technology</i> , 2003, 38, 2039-2053.	1.3	151
2	Removal of Heavy Metal Ions Using the Fungus <i>Penicillium Canescens</i> . <i>Adsorption Science and Technology</i> , 2003, 21, 643-650.	1.5	108
3	l-Histidine Imprinted Synthetic Receptor for Biochromatography Applications. <i>Analytical Chemistry</i> , 2006, 78, 7253-7258.	3.2	104
4	Preconcentration of copper using double-imprinted polymer via solid phase extraction. <i>Analytica Chimica Acta</i> , 2006, 565, 145-151.	2.6	102
5	Molecular imprinted particles for lysozyme purification. <i>Materials Science and Engineering C</i> , 2007, 27, 90-99.	3.8	92
6	Removal of mercury species with dithiocarbamate-anchored polymer/organosmectite composites. <i>Journal of Hazardous Materials</i> , 2008, 150, 560-564.	6.5	88
7	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
8	Molecular Imprinting Technology in Quartz Crystal Microbalance (QCM) Sensors. <i>Sensors</i> , 2017, 17, 454.	2.1	81
9	Ion-Selective Imprinted Beads for Aluminum Removal from Aqueous Solutions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2006, 45, 1780-1786.	1.8	74
10	Molecularly imprinted supermacroporous cryogels for cytochrome <i>c</i> recognition. <i>Journal of Separation Science</i> , 2011, 34, 3433-3440.	1.3	59
11	Selective Separation of Uranium Containing Glutamic Acid Molecular-Imprinted Polymeric Microbeads. <i>Separation Science and Technology</i> , 2003, 38, 3431-3447.	1.3	56
12	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
13	Binding behavior of Fe <sup>3+</sup> ions on ion-imprinted polymeric beads for analytical applications. <i>Journal of Applied Polymer Science</i> , 2006, 101, 3520-3528.	1.3	54
14	Preparation of MIP-based QCM nanosensor for detection of caffeic acid. <i>Talanta</i> , 2014, 119, 533-537.	2.9	54
15	N-Acylbenzotriazole Mediated Synthesis of Some Methacrylamido Amino Acids. <i>Letters in Organic Chemistry</i> , 2007, 4, 585-587.	0.2	52
16	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
17	Ion-Selective Imprinted Superporous Monolith for Cadmium Removal from Human Plasma. <i>Separation Science and Technology</i> , 2005, 40, 3167-3185.	1.3	50
18	Superparamagnetic nanotraps containing MIP based mimic lipase for biotransformations uses. <i>Journal of Nanoparticle Research</i> , 2011, 13, 2073-2079.	0.8	45

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19	Preparation of new molecularly imprinted quartz crystal microbalance hybride sensor system for 8-hydroxy-2â€²-deoxyguanosine determination. <i>Analytica Chimica Acta</i> , 2009, 640, 82-86.	2.6	44
20	Adsorption of Ni <sup>2+</sup> from aqueous solutions by novel polyethyleneimine-attached poly(p-chloromethylstyrene) beads. <i>Journal of Applied Polymer Science</i> , 2002, 83, 2467-2473.	1.3	40
21	Phosphoserine imprinted nanosensor for detection of Cancer Antigen 125. <i>Talanta</i> , 2017, 167, 172-180.	2.9	40
22	Selective Separation of Thorium Using Ion Imprinted Chitosanâ€Phthalate Particles viaÂSolid Phase Extraction. <i>Separation Science and Technology</i> , 2006, 41, 3109-3121.	1.3	38
23	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
24	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
25	A New Metal Chelate Affinity Adsorbent for Cytochrome c. <i>Biotechnology Progress</i> , 2008, 20, 223-228.	1.3	33
26	Ionâ€imprinted PHEMA based monolith for the removal of Fe <sup>3+</sup> ions from aqueous solutions. <i>Journal of Applied Polymer Science</i> , 2011, 120, 1829-1836.	1.3	32
27	An Ion-Imprinted Monolith for in Vitro Removal of Iron out of Human Plasma with Beta Thalassemia. <i>Industrial &amp; Engineering Chemistry Research</i> , 2008, 47, 7849-7856.	1.8	28
28	A new molecular imprintingâ€based massâ€sensitive sensor for realâ€time detection of 17â€estradiol from aqueous solution. <i>Environmental Progress and Sustainable Energy</i> , 2013, 32, 1164-1169.	1.3	28
29	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
30	A novel nanoprotein particle synthesis: Nanolipase. <i>Process Biochemistry</i> , 2011, 46, 1688-1692.	1.8	27
31	Molecularly imprinted cryogel for <sc>L</sc>â€glutamic acid separation. <i>Biotechnology Progress</i> , 2012, 28, 459-466.	1.3	25
32	4-Aminophenyl boronic acid modified gold platforms for influenza diagnosis. <i>Materials Science and Engineering C</i> , 2013, 33, 824-830.	3.8	25
33	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
34	Multiclonal plastic antibodies for selective aflatoxin extraction from food samples. <i>Food Chemistry</i> , 2017, 221, 829-837.	4.2	24
35	Aspartic acid incorporated monolithic columns for affinity glycoprotein purification. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 114, 67-74.	2.5	22
36	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

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37	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
38	Molecular Recognition-Based Detoxification of Aluminum in Human Plasma. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2009, 20, 1235-1258.	1.9	20
39	Gold-silver-nanoclusters having cholic acid imprinted nanoshell. <i>Talanta</i> , 2012, 93, 364-370.	2.9	20
40	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
41	Potentiometric sensor fabrication having 2D sarcosine memories and analytical features. <i>Materials Science and Engineering C</i> , 2016, 69, 231-235.	3.8	20
42	Investigation of synthetic lipase and its use in transesterification reactions. <i>Polymer</i> , 2012, 53, 1981-1984.	1.8	19
43	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
44	3D Micropatterned All-Flexible Microfluidic Platform for Microwave-Assisted Flow Organic Synthesis. <i>ChemPlusChem</i> , 2018, 83, 42-46.	1.3	18
45	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
46	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
47	Ferritin based bionanocages as novel biomemory device concept. <i>Biosensors and Bioelectronics</i> , 2018, 103, 19-25.	5.3	16
48	Comparison of Adsorption and Selectivity Characteristics for 4-Nitrophenol Imprinted Polymers Prepared via Bulk and Suspension Polymerization. <i>Separation Science and Technology</i> , 2005, 39, 3471-3484.	1.3	15
49	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
50	Heavy Metal Ion Adsorption Properties of Methacrylamidocysteine-Containing Porous Poly(Hydroxyethyl Methacrylate) Chelating Beads. <i>Adsorption Science and Technology</i> , 2002, 20, 607-617.	1.5	14
51	Determination of Clenbuterol by Multiwalled Carbon Nanotube Potentiometric Sensors. <i>Analytical Letters</i> , 2016, 49, 778-789.	1.0	13
52	Preparation of cibacron blue F3GA-attached polyamide hollow fibers for heavy metal removal. <i>Journal of Applied Polymer Science</i> , 2002, 83, 3089-3098.	1.3	12
53	Nano-hemoglobin film based sextet state biomemory device by cross-linked photosensitive hapten monomer. <i>Talanta</i> , 2018, 176, 85-91.	2.9	12
54	HEAVY METAL SEPARATION CAPACITY OF A POROUS METHACRYLAMIDO-PHENYLALANINE CONTAINING MEMBRANE BASED ON A POLYHYDROXY-ETHYL METHACRYLATE MATRIX. <i>Separation Science and Technology</i> , 2001, 36, 2213-2231.	1.3	11

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55	Mutual recognition of TNT using antibodies polymeric shell having CdS. <i>Talanta</i> , 2012, 90, 103-108.	2.9	11
56	Nanolabel for TNF- $\alpha$ determination. <i>Applied Surface Science</i> , 2013, 275, 233-238.	3.1	10
57	Concanavalin A photocross-linked affinity cryogels for the purification of horseradish peroxidase. <i>Adsorption Science and Technology</i> , 2018, 36, 1199-1212.	1.5	10
58	Novel nanoimaging approach: Antibodious polymeric nanolabel for intracellular alpha $\alpha$ -fetoprotein targeted monitoring. <i>Biotechnology Progress</i> , 2013, 29, 472-479.	1.3	9
59	Reusable nanocopy machine particles for the replication of DNA. <i>Biotechnology Progress</i> , 2015, 31, 119-123.	1.3	9
60	Design and Preparation of Nano-Lignin Peroxidase (NanoLiP) by Protein Block Copolymerization Approach. <i>Polymers</i> , 2016, 8, 223.	2.0	9
61	Multistate proteinous biomemory device based on redox controllable hapten cross-linker. <i>Materials Science and Engineering C</i> , 2017, 79, 336-342.	3.8	9
62	Adsorption behaviours of lysozyme onto poly-hydroxyethyl methacrylate cryogels containing methacryloyl antipyrine-Ce(III). <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018, 67, 199-204.	1.8	9
63	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
64	Affinity separation of plasma proteins using a newly synthesized methacrylamidoalanine incorporated porous pHEMA membranes. <i>Separation Science and Technology</i> , 2002, 37, 2077-2095.	1.3	7
65	Nickel(II)-imprinted monolithic columns for selective nickel recognition. <i>Journal of Applied Polymer Science</i> , 2010, 117, 3704-3714.	1.3	7
66	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
67	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
68	Thiocyanate separation by imprinted polymeric systems. <i>Mikrochimica Acta</i> , 2010, 169, 129-135.	2.5	6
69	Development of New Molecular Imprinted Solid Phase Extraction Material for Dimethoate. <i>Spectroscopy Letters</i> , 2014, 47, 168-176.	0.5	6
70	Reversible and easy post-crosslinking method for developing a surface ion-imprinted hypercrosslinked monolith for specific Cd( $\text{Cd}^{2+}$ ) ion removal from aqueous solutions. <i>RSC Advances</i> , 2016, 6, 88777-88787.	1.7	6
71	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
72	Semi-synthetic biotin imprinting onto avidin crosslinked gold-silver nanoparticles. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	4

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73	Proteinous Polymeric Shell Decorated Nanocrystals for the Recognition of Immunoglobulin M. Journal of Fluorescence, 2019, 29, 609-617.	1.3	4
74	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
75	RuBisCO nano enzyme for mimicking CO <sub>2</sub> conversion system in plants. Biotechnology and Applied Biochemistry, 2021, 68, 392-403.	1.4	3
76	Bioconjugated and Cross-Linked Bionanostructures for Bifunctional Immunohistochemical Labeling. Microscopy and Microanalysis, 2012, 18, 324-330.	0.2	2
77	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
78	Bitargeting and ambushing nanotheranostics. Artificial Cells, Nanomedicine and Biotechnology, 2014, 42, 138-145.	1.9	1
79	A new potentiometric platform: Antibody cross-linked graphene oxide potentiometric immunosensor for clenbuterol determination. Biotechnology and Applied Biochemistry, 2020, , .	1.4	0