

# RÄ±dvan Say

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | RuBisCO nano enzyme for mimicking CO <sub>2</sub> conversion system in plants. <i>Biotechnology and Applied Biochemistry</i> , 2021, 68, 392-403.  | 1.4 | 3         |
| 2  | Anti-LDL antibody-nanoparticles embedded cryogel for low density lipoprotein-depletion from hypercholesterolemic human serum. <i>Separation Science and Technology</i> , 2020, 55, 1786-1794.                                  | 1.3 | 3         |
| 3  | 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         |
| 4  | A new potentiometric platform: Antibody cross-linked graphene oxide potentiometric immunosensor for clenbuterol determination. <i>Biotechnology and Applied Biochemistry</i> , 2020, , .                                       | 1.4 | 0         |
| 5  | Proteinous Polymeric Shell Decorated Nanocrystals for the Recognition of Immunoglobulin M. <i>Journal of Fluorescence</i> , 2019, 29, 609-617.   | 1.3 | 4         |
| 6  | 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        |
| 7  | Ferritin based bionanocages as novel biomemory device concept. <i>Biosensors and Bioelectronics</i> , 2018, 103, 19-25.  | 5.3 | 16        |
| 8  | 3D Micropatterned All-Flexible Microfluidic Platform for Microwave-Assisted Flow Organic Synthesis. <i>ChemPlusChem</i> , 2018, 83, 42-46.   | 1.3 | 18        |
| 9  | 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         |
| 10 | Nano-hemoglobin film based sextet state biomemory device by cross-linked photosensitive hapten monomer. <i>Talanta</i> , 2018, 176, 85-91.   | 2.9 | 12        |
| 11 | Phosphoserine imprinted nanosensor for detection of Cancer Antigen 125. <i>Talanta</i> , 2017, 167, 172-180.   | 2.9 | 40        |
| 12 | 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         |
| 13 | Multiclonal plastic antibodies for selective aflatoxin extraction from food samples. <i>Food Chemistry</i> , 2017, 221, 829-837.   | 4.2 | 24        |
| 14 | 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         |
| 15 | Molecular Imprinting Technology in Quartz Crystal Microbalance (QCM) Sensors. <i>Sensors</i> , 2017, 17, 454.  | 2.1 | 81        |
| 16 | Design and Preparation of Nano-Lignin Peroxidase (NanoLiP) by Protein Block Copolymerization Approach. <i>Polymers</i> , 2016, 8, 223.   | 2.0 | 9         |
| 17 | Reversible and easy post-crosslinking method for developing a surface ion-imprinted hypercrosslinked monolith for specific Cd(II) ion removal from aqueous solutions. <i>RSC Advances</i> , 2016, 6, 88777-88787.              | 1.7 | 6         |
| 18 | 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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|----|--|-----|-----------|
| 19 | Potentiometric sensor fabrication having 2D sarcosine memories and analytical features. <i>Materials Science and Engineering C</i> , 2016, 69, 231-235.  | 3.8 | 20        |
| 20 | 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         |
| 21 | Determination of Clenbuterol by Multiwalled Carbon Nanotube Potentiometric Sensors. <i>Analytical Letters</i> , 2016, 49, 778-789.   | 1.0 | 13        |
| 22 | 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        |
| 23 | 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        |
| 24 | 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         |
| 25 | Reusable nanocopy machine particles for the replication of DNA. <i>Biotechnology Progress</i> , 2015, 31, 119-123.   | 1.3 | 9         |
| 26 | Development of New Molecular Imprinted Solid Phase Extraction Material for Dimethoate. <i>Spectroscopy Letters</i> , 2014, 47, 168-176.  | 0.5 | 6         |
| 27 | Bitargeting and ambushing nanotheranostics. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2014, 42, 138-145.   | 1.9 | 1         |
| 28 | Aspartic acid incorporated monolithic columns for affinity glycoprotein purification. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 114, 67-74.  | 2.5 | 22        |
| 29 | Preparation of MIP-based QCM nanosensor for detection of caffeic acid. <i>Talanta</i> , 2014, 119, 533-537.  | 2.9 | 54        |
| 30 | 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        |
| 31 | 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        |
| 32 | Novel nanoimaging approach: Antibodious polymeric nanolabel for intracellular alpha $\alpha$ -fetoprotein targeted monitoring. <i>Biotechnology Progress</i> , 2013, 29, 472-479.  | 1.3 | 9         |
| 33 | Nanolabel for TNF- $\hat{\pm}$ determination. <i>Applied Surface Science</i> , 2013, 275, 233-238.   | 3.1 | 10        |
| 34 | 4-Aminophenyl boronic acid modified gold platforms for influenza diagnosis. <i>Materials Science and Engineering C</i> , 2013, 33, 824-830.  | 3.8 | 25        |
| 35 | A new molecular imprinting $\hat{\epsilon}$ -based mass $\hat{\epsilon}$ -sensitive sensor for real $\hat{\epsilon}$ -time detection of 17 $\hat{\beta}$ -estradiol from aqueous solution. <i>Environmental Progress and Sustainable Energy</i> , 2013, 32, 1164-1169. | 1.3 | 28        |
| 36 | Bioconjugated and Cross-Linked Bionanostructures for Bifunctional Immunohistochemical Labeling. <i>Microscopy and Microanalysis</i> , 2012, 18, 324-330.   | 0.2 | 2         |

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|----|---|-----|-----------|
| 37 | Mutual recognition of TNT using antibodies polymeric shell having CdS. Talanta, 2012, 90, 103-108.  | 2.9 | 11        |
| 38 | Gold-silver-nanoclusters having cholic acid imprinted nanoshell. Talanta, 2012, 93, 364-370.  | 2.9 | 20        |
| 39 | Novel protein photocrosslinking and cryopolymerization method for cryogel-based antibacterial material synthesis. Journal of Applied Polymer Science, 2012, 125, 145-151.                                     | 1.3 | 7         |
| 40 | Molecularly imprinted cryogel for L-glutamic acid separation. Biotechnology Progress, 2012, 28, 459-466.  | 1.3 | 25        |
| 41 | Semi-synthetic biotin imprinting onto avidin crosslinked gold-silver nanoparticles. Journal of Nanoparticle Research, 2012, 14, 1.  | 0.8 | 4         |
| 42 | Investigation of synthetic lipase and its use in transesterification reactions. Polymer, 2012, 53, 1981-1984.   | 1.8 | 19        |
| 43 | Superparamagnetic nanotraps containing MIP based mimic lipase for biotransformations uses. Journal of Nanoparticle Research, 2011, 13, 2073-2079.   | 0.8 | 45        |
| 44 | 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, 523-530. | 0.8 | 18        |
| 45 | A novel nanoprotein particle synthesis: Nanolipase. Process Biochemistry, 2011, 46, 1688-1692.  | 1.8 | 27        |
| 46 | Molecularly imprinted supermacroporous cryogels for cytochrome c recognition. Journal of Separation Science, 2011, 34, 3433-3440.   | 1.3 | 59        |
| 47 | Ion-imprinted PHEMA based monolith for the removal of Fe <sup>3+</sup> ions from aqueous solutions. Journal of Applied Polymer Science, 2011, 120, 1829-1836.   | 1.3 | 32        |
| 48 | Thiocyanate separation by imprinted polymeric systems. Mikrochimica Acta, 2010, 169, 129-135.   | 2.5 | 6         |
| 49 | Nanosensors having dipicolinic acid imprinted nanoshell for Bacillus cereus spores detection. Journal of Nanoparticle Research, 2010, 12, 2069-2079.  | 0.8 | 27        |
| 50 | Nickel(II)-imprinted monolithic columns for selective nickel recognition. Journal of Applied Polymer Science, 2010, 117, 3704-3714.   | 1.3 | 7         |
| 51 | Molecularly Imprinted PHEMA-Based Cryogel for Depletion of Hemoglobin from Human Blood. Macromolecular Chemistry and Physics, 2010, 211, 657-668.   | 1.1 | 87        |
| 52 | Preparation of new molecularly imprinted quartz crystal microbalance hybride sensor system for 8-hydroxy-2-deoxyguanosine determination. Analytica Chimica Acta, 2009, 640, 82-86.                            | 2.6 | 44        |
| 53 | Molecular Recognition-Based Detoxification of Aluminum in Human Plasma. Journal of Biomaterials Science, Polymer Edition, 2009, 20, 1235-1258.  | 1.9 | 20        |
| 54 | Removal of mercury species with dithiocarbamate-anchored polymer/organosmectite composites. Journal of Hazardous Materials, 2008, 150, 560-564.   | 6.5 | 88        |

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|----|--|-----|-----------|
| 55 | A New Metal Chelate Affinity Adsorbent for Cytochrome c. <i>Biotechnology Progress</i> , 2008, 20, 223-228.  | 1.3 | 33        |
| 56 | 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        |
| 57 | N-Acylbenzotriazole Mediated Synthesis of Some Methacrylamido Amino Acids. <i>Letters in Organic Chemistry</i> , 2007, 4, 585-587.   | 0.2 | 52        |
| 58 | Molecular imprinted particles for lysozyme purification. <i>Materials Science and Engineering C</i> , 2007, 27, 90-99.   | 3.8 | 92        |
| 59 | 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        |
| 60 | Ion-Selective Imprinted Beads for Aluminum Removal from Aqueous Solutions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2006, 45, 1780-1786.   | 1.8 | 74        |
| 61 | l-Histidine Imprinted Synthetic Receptor for Biochromatography Applications. <i>Analytical Chemistry</i> , 2006, 78, 7253-7258.  | 3.2 | 104       |
| 62 | Preconcentration of copper using double-imprinted polymer via solid phase extraction. <i>Analytica Chimica Acta</i> , 2006, 565, 145-151.  | 2.6 | 102       |
| 63 | 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        |
| 64 | 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        |
| 65 | 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        |
| 66 | Ion-Selective Imprinted Superporous Monolith for Cadmium Removal from Human Plasma. <i>Separation Science and Technology</i> , 2005, 40, 3167-3185.  | 1.3 | 50        |
| 67 | 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        |
| 68 | 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        |
| 69 | 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        |
| 70 | 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       |
| 71 | Selective Separation of Uranium Containing Glutamic Acid Molecular-Imprinted Polymeric Microbeads. <i>Separation Science and Technology</i> , 2003, 38, 3431-3447.   | 1.3 | 56        |
| 72 | 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       |

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|----|--|-----|-----------|
| 73 | Heavy Metal Ion Adsorption Properties of Methacrylamidocysteine-Containing Porous Poly(Hydroxyethyl Methacrylate) Chelating Beads. Adsorption Science and Technology, 2002, 20, 607-617.   | 1.5 | 14        |
| 74 | Affinity separation of plasma proteins using a newly synthesized methacrylamidoalanine incorporated porous PHEMA membranes. Separation Science and Technology, 2002, 37, 2077-2095.  | 1.3 | 7         |
| 75 | 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. | 1.7 | 36        |
| 76 | Adsorption of Ni <sup>2+</sup> from aqueous solutions by novel polyethyleneimine-attached poly(p-chloromethylstyrene) beads. Journal of Applied Polymer Science, 2002, 83, 2467-2473.  | 1.3 | 40        |
| 77 | Preparation of cibacron blue F3GA-attached polyamide hollow fibers for heavy metal removal. Journal of Applied Polymer Science, 2002, 83, 3089-3098.   | 1.3 | 12        |
| 78 | 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.                                     | 1.3 | 11        |
| 79 | Preparation of magnetic dye affinity adsorbent and its use in the removal of aluminium ions. Journal of Biomaterials Science, Polymer Edition, 2001, 12, 1059-1073.  | 1.9 | 33        |