Muge Andac

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Protein recognition via ion-coordinated molecularly imprinted supermacroporous cryogels. Journal of Chromatography A, 2008, 1190, 18-26. | 3.7 | 233 |
| 2 | Selective Removal of Bilirubin from Human Plasma with Bilirubin-Imprinted Particles. Industrial & Engineering Chemistry Research, 2007, 46, 2843-2852. | 3.7 | 125 |
| 3 | Bilirubin recognition via molecularly imprinted supermacroporous cryogels. Colloids and Surfaces B: Biointerfaces, 2009, 68, 33-38. | 5.0 | 94 |
| 4 | Supermacroporous poly(hydroxyethyl methacrylate) based cryogel with embedded bilirubin imprinted particles. Reactive and Functional Polymers, 2009, 69, 36-42. | 4.1 | 92 |
| 5 | Highly selective ion-imprinted particles for solid-phase extraction of Pb2+ ions. Materials Science and Engineering C, 2009, 29, 2464-2470. | 7.3 | 91 |
| 6 | Molecularly Imprinted PHEMAâ€Based Cryogel for Depletion of Hemoglobin from Human Blood. Macromolecular Chemistry and Physics, 2010, 211, 657-668. | 2.2 | 87 |
| 7 | Ion-Selective Imprinted Beads for Aluminum Removal from Aqueous Solutions. Industrial & Engineering Chemistry Research, 2006, 45, 1780-1786. | 3.7 | 74 |
| 8 | Affinity based and molecularly imprinted cryogels: Applications in biomacromolecule purification. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1021, 69-80. | 2.3 | 69 |
| 9 | Ion-imprinted beads for molecular recognition based mercury removal from human serum. International Journal of Biological Macromolecules, 2007, 40, 159-166. | 7.5 | 65 |
| 10 | Molecular recognition based cadmium removal from human plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 811, 119-126. | 2.3 | 59 |
| 11 | Cadmium removal out of human plasma using ion-imprinted beads in a magnetic column. Materials Science and Engineering C, 2009, 29, 144-152. | 7.3 | 56 |
| 12 | Ion imprinted cryogels for selective removal of Ni(II) ions from aqueous solutions. Separation and Purification Technology, 2017, 179, 36-44. | 7.9 | 55 |
| 13 | Molecular recognition based cadmium removal from human plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 811, 119-126. | 2.3 | 51 |
| 14 | Dye attached poly(hydroxyethyl methacrylate) cryogel for albumin depletion from human serum. Journal of Separation Science, 2012, 35, 1173-1182. | 2.5 | 51 |
| 15 | Affinity-recognition-based polymeric cryogels for protein depletion studies. RSC Advances, 2014, 4, 31130-31141. | 3.6 | 46 |
| 16 | Molecularly imprinted poly(hydroxyethyl methacrylate) based cryogel for albumin depletion from human serum. Colloids and Surfaces B: Biointerfaces, 2013, 109, 259-265. | 5.0 | 44 |
| 17 | Molecularly imprinted composite cryogel for albumin depletion from human serum. Journal of Molecular Recognition, 2012, 25, 555-563. | 2.1 | 43 |
| 18 | Molecularly Imprinted Polymers for Removal of Metal Ions: An Alternative Treatment Method. Biomimetics, 2018, 3, 38. | 3.3 | 38 |

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| 19 | Molecularly imprinted composite cryogels for hemoglobin depletion from human blood. Journal of Molecular Recognition, 2014, 27, 528-536. | 2.1 | 33 |
| 20 | lonâ€imprinted PHEMA based monolith for the removal of Fe ³⁺ ions from aqueous solutions. Journal of Applied Polymer Science, 2011, 120, 1829-1836. | 2.6 | 32 |
| 21 | Surface imprinted bacterial cellulose nanofibers for hemoglobin purification. Colloids and Surfaces B: Biointerfaces, 2017, 158, 453-459. | 5.0 | 30 |
| 22 | Molecularly imprinted cryogel for <scp>L</scp> â€glutamic acid separation. Biotechnology Progress, 2012, 28, 459-466. | 2.6 | 25 |
| 23 | Synthesis and characterization of molecularly imprinted polymer embedded composite cryogel discs: application for the selective extraction of cypermethrins from aqueous samples prior to GC-MS analysis. RSC Advances, 2015, 5, 26604-26615. | 3.6 | 23 |
| 24 | Molecularly imprinted cryogel columns for Concanavalin A purification from jack bean extract. Separation Science Plus, 2018, 1, 454-463. | 0.6 | 23 |
| 25 | Performance of dye-affinity beads for aluminium removal in magnetically stabilized fluidized bed. Biomagnetic Research and Technology, 2004, 2, 5. | 2.0 | 21 |
| 26 | lon imprinted beads embedded cryogels for <i>in vitro</i> removal of iron from βâ€ŧhalassemic human plasma. Journal of Applied Polymer Science, 2012, 125, 254-262. | 2.6 | 21 |
| 27 | Poly(hydroxyethylmethacrylateâ€Nâ€methacryloylâ€(L)â€histidineâ€methylâ€ester) Based Metalâ€Chelate Affin Adsorbent for Separation of Lysozyme. Separation Science and Technology, 2004, 39, 3783-3795. | ity _{2.5} | 20 |
| 28 | Molecular Recognition-Based Detoxification of Aluminum in Human Plasma. Journal of Biomaterials Science, Polymer Edition, 2009, 20, 1235-1258. | 3.5 | 20 |
| 29 | Predicting the binding properties of cibacron blue F3GA in affinity separation systems. International Journal of Biological Macromolecules, 2007, 41, 430-438. | 7.5 | 18 |
| 30 | Composite cryogels for lysozyme purification. Biotechnology and Applied Biochemistry, 2015, 62, 200-207. | 3.1 | 16 |
| 31 | Synthesis and characterization of amino acid containing Cu(II) chelated nanoparticles for lysozyme adsorption. Materials Science and Engineering C, 2013, 33, 532-536. | 7.3 | 14 |
| 32 | Composite Polymeric Cryogel Cartridges for Selective Removal of Cadmium Ions from Aqueous Solutions. Polymers, 2020, 12, 1149. | 4.5 | 14 |
| 33 | Affinity binding of proteins to the modified bacterial cellulose nanofibers. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1052, 121-127. | 2.3 | 13 |
| 34 | Molecular docking of metal ion immobilized ligands to proteins in affinity chromatography. Journal of Molecular Recognition, 2021, 34, e2875. | 2.1 | 12 |
| 35 | Binding modes of cibacron blue with albumin in affinity chromatography using docking tools. International Journal of Biological Macromolecules, 2021, 183, 110-118. | 7.5 | 11 |
| 36 | Cibacron blue immobilized poly(glycidyl-methacrylate) nanobeads for albumin removal in proteome studies. Artificial Cells, Nanomedicine and Biotechnology, 2015, 43, 133-139. | 2.8 | 10 |

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|----|---|-----|-----------|
| 37 | Dye-attached magnetic poly(hydroxyethyl methacrylate) nanospheres for albumin depletion from human plasma. Artificial Cells, Nanomedicine and Biotechnology, 2015, 43, 62-70. | 2.8 | 10 |
| 38 | Molecularly imprinted smart cryogels for selective nickel recognition in aqueous solutions. Journal of Applied Polymer Science, 2021, 138, 49746. | 2.6 | 10 |
| 39 | Reversible immobilization of glycoamylase by a variety of Cu ²⁺ helated membranes. Journal of Applied Polymer Science, 2012, 126, 575-586. | 2.6 | 9 |
| 40 | Nickel(II)â€imprinted monolithic columns for selective nickel recognition. Journal of Applied Polymer Science, 2010, 117, 3704-3714. | 2.6 | 7 |
| 41 | Molecularly Imprinted Cryogels for Human Serum Albumin Depletion. Methods in Molecular Biology, 2015, 1286, 233-237. | 0.9 | 5 |
| 42 | Molecularly imprinted composite discs for transferrin recognition. Separation Science and Technology, 2022, 57, 1359-1375. | 2.5 | 4 |
| 43 | Molecularly imprinted polymers as a tool for biomolecule separation. , 2018, , 511-545. | | 3 |
| 44 | Recognition of human hemoglobin with macromolecularly imprinted polymeric nanoparticles using nonâ€covalent interactions. Journal of Molecular Recognition, 2021, 34, e2935. | 2.1 | 2 |
| 45 | Cryogels: Applications in Extracorporeal Affinity Therapy. , 2016, , 391-420. | | 1 |
| 46 | Affinity Recognition Based Gravimetric Nanosensor for Equilin Detection. Chemosensors, 2022, 10, 172. | 3.6 | 1 |