Muge Andac

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/12183149/publications.pdf

Version: 2024-02-01

46	1,782	279701	265120
papers	citations	23 h-index	42 g-index

47	47	47	1260
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protein recognition via ion-coordinated molecularly imprinted supermacroporous cryogels. Journal of Chromatography A, 2008, 1190, 18-26.	1.8	233
2	Selective Removal of Bilirubin from Human Plasma with Bilirubin-Imprinted Particles. Industrial & Engineering Chemistry Research, 2007, 46, 2843-2852.	1.8	125
3	Bilirubin recognition via molecularly imprinted supermacroporous cryogels. Colloids and Surfaces B: Biointerfaces, 2009, 68, 33-38.	2.5	94
4	Supermacroporous poly(hydroxyethyl methacrylate) based cryogel with embedded bilirubin imprinted particles. Reactive and Functional Polymers, 2009, 69, 36-42.	2.0	92
5	Highly selective ion-imprinted particles for solid-phase extraction of Pb2+ ions. Materials Science and Engineering C, 2009, 29, 2464-2470.	3.8	91
6	Molecularly Imprinted PHEMAâ€Based Cryogel for Depletion of Hemoglobin from Human Blood. Macromolecular Chemistry and Physics, 2010, 211, 657-668.	1.1	87
7	Ion-Selective Imprinted Beads for Aluminum Removal from Aqueous Solutions. Industrial & Engineering Chemistry Research, 2006, 45, 1780-1786.	1.8	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.	1.2	69
9	Ion-imprinted beads for molecular recognition based mercury removal from human serum. International Journal of Biological Macromolecules, 2007, 40, 159-166.	3.6	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.	1.2	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.	3.8	56
12	Ion imprinted cryogels for selective removal of Ni(II) ions from aqueous solutions. Separation and Purification Technology, 2017, 179, 36-44.	3.9	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.	1.2	51
14	Dye attached poly(hydroxyethyl methacrylate) cryogel for albumin depletion from human serum. Journal of Separation Science, 2012, 35, 1173-1182.	1.3	51
15	Affinity-recognition-based polymeric cryogels for protein depletion studies. RSC Advances, 2014, 4, 31130-31141.	1.7	46
16	Molecularly imprinted poly(hydroxyethyl methacrylate) based cryogel for albumin depletion from human serum. Colloids and Surfaces B: Biointerfaces, 2013, 109, 259-265.	2.5	44
17	Molecularly imprinted composite cryogel for albumin depletion from human serum. Journal of Molecular Recognition, 2012, 25, 555-563.	1.1	43
18	Molecularly Imprinted Polymers for Removal of Metal Ions: An Alternative Treatment Method. Biomimetics, 2018, 3, 38.	1.5	38

#	Article	IF	Citations
19	Molecularly imprinted composite cryogels for hemoglobin depletion from human blood. Journal of Molecular Recognition, 2014, 27, 528-536.	1.1	33
20	Ionâ€imprinted PHEMA based monolith for the removal of Fe³⁺ ions from aqueous solutions. Journal of Applied Polymer Science, 2011, 120, 1829-1836.	1.3	32
21	Surface imprinted bacterial cellulose nanofibers for hemoglobin purification. Colloids and Surfaces B: Biointerfaces, 2017, 158, 453-459.	2.5	30
22	Molecularly imprinted cryogel for <scp>L</scp>â€glutamic acid separation. Biotechnology Progress, 2012, 28, 459-466.	1.3	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.	1.7	23
24	Molecularly imprinted cryogel columns for Concanavalin A purification from jack bean extract. Separation Science Plus, 2018, 1, 454-463.	0.3	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	Ion imprinted beads embedded cryogels for in vitro removal of iron from Î²â€thalassemic human plasma. Journal of Applied Polymer Science, 2012, 125, 254-262.	1.3	21
27	Poly(hydroxyethylmethacrylateâ€Nâ€methacryloylâ€(L)â€histidineâ€methylâ€ester) Based Metalâ€Chelate Affinity Adsorbent for Separation of Lysozyme. Separation Science and Technology, 2004, 39, 3783-3795.	1.3	20
28	Molecular Recognition-Based Detoxification of Aluminum in Human Plasma. Journal of Biomaterials Science, Polymer Edition, 2009, 20, 1235-1258.	1.9	20
29	Predicting the binding properties of cibacron blue F3GA in affinity separation systems. International Journal of Biological Macromolecules, 2007, 41, 430-438.	3.6	18
30	Composite cryogels for lysozyme purification. Biotechnology and Applied Biochemistry, 2015, 62, 200-207.	1.4	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.	3.8	14
32	Composite Polymeric Cryogel Cartridges for Selective Removal of Cadmium Ions from Aqueous Solutions. Polymers, 2020, 12, 1149.	2.0	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.	1.2	13
34	Molecular docking of metal ion immobilized ligands to proteins in affinity chromatography. Journal of Molecular Recognition, 2021, 34, e2875.	1.1	12
35	Binding modes of cibacron blue with albumin in affinity chromatography using docking tools. International Journal of Biological Macromolecules, 2021, 183, 110-118.	3.6	11
36	Cibacron blue immobilized poly(glycidyl-methacrylate) nanobeads for albumin removal in proteome studies. Artificial Cells, Nanomedicine and Biotechnology, 2015, 43, 133-139.	1.9	10

#	Article	IF	Citations
37	Dye-attached magnetic poly(hydroxyethyl methacrylate) nanospheres for albumin depletion from human plasma. Artificial Cells, Nanomedicine and Biotechnology, 2015, 43, 62-70.	1.9	10
38	Molecularly imprinted smart cryogels for selective nickel recognition in aqueous solutions. Journal of Applied Polymer Science, 2021, 138, 49746.	1.3	10
39	Reversible immobilization of glycoamylase by a variety of Cu²⁺â€chelated membranes. Journal of Applied Polymer Science, 2012, 126, 575-586.	1.3	9
40	Nickel(II)â€imprinted monolithic columns for selective nickel recognition. Journal of Applied Polymer Science, 2010, 117, 3704-3714.	1.3	7
41	Molecularly Imprinted Cryogels for Human Serum Albumin Depletion. Methods in Molecular Biology, 2015, 1286, 233-237.	0.4	5
42	Molecularly imprinted composite discs for transferrin recognition. Separation Science and Technology, 2022, 57, 1359-1375.	1.3	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.	1.1	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.	1.8	1