Deniz Turkmen

List of Publications by Year
in descending order

41	779	471371 17	526166 27
papers	citations	h-index	g-index

43	43	43	654
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Plastic antibody based surface plasmon resonance nanosensors for selective atrazine detection. Materials Science and Engineering C, 2017, 73, 603-610.	3.8	62
2	Cu(II)-incorporated, histidine-containing, magnetic-metal-complexing beads as specific sorbents for the metal chelate affinity of albumin. Journal of Applied Polymer Science, 2004, 93, 2669-2677.	1.3	53
3	Synthesis of cholesterol imprinted polymeric particles. International Journal of Biological Macromolecules, 2007, 41, 8-15.	3.6	53
4	Ionâ€selective Imprinted Superporous Monolith for Cadmium Removal from Human Plasma. Separation Science and Technology, 2005, 40, 3167-3185.	1.3	50
5	Poly(hydroxyethyl methacrylate) nanobeads containing imidazole groups for removal of Cu(II) ions. Materials Science and Engineering C, 2009, 29, 2072-2078.	3.8	50
6	Synthesis of tentacle type magnetic beads as immobilized metal chelate affinity support for cytochrome c adsorption. International Journal of Biological Macromolecules, 2006, 38, 126-133.	3.6	48
7	Phenylalanine containing hydrophobic nanospheres for antibody purification. Biotechnology Progress, 2008, 24, 1297-1303.	1.3	42
8	PHEMA cryogel for in-vitro removal of anti-dsDNA antibodies from SLE plasma. Materials Science and Engineering C, 2011, 31, 915-920.	3.8	39
9	Selective separation of human serum albumin with copper(II) chelated poly(hydroxyethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 188-193.	3.6	33
10	Heavy Metal Ions Removal From Wastewater Using Cryogels: A Review. Frontiers in Sustainability, 2022, 3, .	1.3	32
11	Cysteine functionalized poly(hydroxyethyl methacrylate) monolith for heavy metal removal. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 330, 161-167.	2.3	29
12	Glutamic acid containing supermacroporous poly(hydroxyethyl methacrylate) cryogel disks for UO22+ removal. Materials Science and Engineering C, 2012, 32, 2052-2059.	3.8	26
13	Molecular imprinted magnetic nanoparticles for controlled delivery of mitomycin C. Artificial Cells, Nanomedicine and Biotechnology, 2014, 42, 316-322.	1.9	25
14	Hemoglobin binding from human blood hemolysate with poly(glycidyl methacrylate) beads. Colloids and Surfaces B: Biointerfaces, 2011, 85, 235-240.	2.5	24
15	Dye affinity cryogels for plasmid DNA purification. Materials Science and Engineering C, 2015, 56, 318-324.	3.8	22
16	PHEMA based composite cryogels with loaded hydrophobic beads for lysozyme purification. Colloids and Surfaces B: Biointerfaces, 2014, 123, 859-865.	2.5	19
17	Performance of Protein-A-Based Affinity Membranes for Antibody Purification. Journal of Biomaterials Science, Polymer Edition, 2011, 22, 2325-2341.	1.9	18
18	Selective dopamine detection by SPR sensor signal amplification using gold nanoparticles. New Journal of Chemistry, 2021, 45, 18296-18306.	1.4	17

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19	Molecularly imprinted polymer integrated plasmonic nanosensor for cocaine detection. Journal of Biomaterials Science, Polymer Edition, 2020, 31, 1211-1222.	1.9	15
20	Poly-L-Histidine Attached Poly(glycidyl methacrylate) Cryogels for Heavy Metal Removal. Journal of Macromolecular Science - Pure and Applied Chemistry, 2015, 52, 724-731.	1.2	14
21	Efficient Removal of Bilirubin from Human Serum by Monosize Dye Affinity Beads. Journal of Biomaterials Science, Polymer Edition, 2011, 22, 957-971.	1.9	13
22	Determination of multi-pesticide residues in honey with a modified QuEChERS procedure followed by LC-MS/MS and GC-MS/MS. Journal of Apicultural Research, 2022, 61, 530-542.	0.7	11
23	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
24	Development of ion imprinted based magnetic nanoparticles for selective removal of arsenic (III) and arsenic (V) from wastewater. Separation Science and Technology, 2022, 57, 990-999.	1.3	10
25	Molecularly Imprinted Polymers Based Surface Plasmon Resonance Sensor for Sulfamethoxazole Detection. Photonic Sensors, 2022, 12, .	2.5	10
26	Poly-(<scp>l</scp>)-histidine immobilized cryogels for lysozyme purification. Adsorption Science and Technology, 2016, 34, 469-487.	1.5	9
27	Megaporous poly(hydroxy ethylmethacrylate) based poly(glycidylmethacrylate-N-methacryloly-(l)-tryptophan) embedded composite cryogel. Colloids and Surfaces B: Biointerfaces, 2015, 130, 61-68.	2.5	8
28	Molecular Imprinting Technology for Biomimetic Assemblies. Hacettepe Journal of Biology and Chemistry, 2020, 48, 575-601.	0.3	6
29	Gold-Modified Molecularly Imprinted N-Methacryloyl-(l)-phenylalanine-containing Electrodes for Electrochemical Detection of Dopamine. Bioengineering, 2022, 9, 87.	1.6	6
30	Computational Investigation of the Monomer Ratio and Solvent Environment for the Complex Formed between Sulfamethoxazole and Functional Monomer Methacrylic Acid. ACS Omega, 2022, 7, 17175-17184.	1.6	6
31	An Alternative Approach for Bacterial Growth Control: Pseudomonas spp. Imprinted Polymer-Based Surface Plasmon Resonance Sensor. IEEE Sensors Journal, 2022, 22, 3001-3008.	2.4	5
32	Phanerochaete Chrysosporium Loaded Cryogel Column for Biosorption of Mercury from Aqueous Solution. Hacettepe Journal of Biology and Chemistry, 2016, 1, 77-77.	0.3	3
33	A dye-affinity cryogel membrane for malate dehydrogenase purification from Saccharomyces cerevisiae. Journal of Biomaterials Science, Polymer Edition, 2020, 31, 38-52.	1.9	2
34	DNA Purification by Solid Phase Extraction (SPE) Methods. Hacettepe Journal of Biology and Chemistry, 2016, 3, 259-259.	0.3	2
35	Magnetic Nanoparticles and Their Biomedical Applications. Hacettepe Journal of Biology and Chemistry, 0, , 143-152.	0.3	2
36	Cryogels for Affinity Chromatography. Chromatographic Science, 2014, , 39-68.	0.1	1

#	Article	IF	Citations
37	Cryogels: Applications in Extracorporeal Affinity Therapy. , 2016, , 391-420.		1
38	Thermosensitive poly(N-isopropylacrylamide) based cryogel: A SAXS study. Hacettepe Journal of Biology and Chemistry, 2014, 2, 237-237.	0.3	1
39	Current Trends of Plasmonic Nanosensors Use in Agriculture. Concepts and Strategies in Plant Sciences, 2021, , 97-113.	0.6	0
40	IgG Purification. , 2015, , 1-2.		0
41	IgG Purification. , 2016, , 1020-1021.		0