

Deniz Aktaş Uygun

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53
papers

814
citations

15
h-index

26
g-index

55
ext. papers

945
ext. citations

4.4
avg, IF

4.42
L-index

#	Paper	IF	Citations
53	Lysozyme-Based Antibacterial Nanomotors. <i>ACS Nano</i> , 2015 , 9, 9252-9	16.7	115
52	Self-propelled chelation platforms for efficient removal of toxic metals. <i>Environmental Science: Nano</i> , 2016 , 3, 559-566	7.1	74
51	Antioxidant activity and proline content of leaf extracts from <i>Dorystoechas hastata</i> . <i>Food Chemistry</i> , 2008 , 111, 400-7	8.5	67
50	Ultrasound-propelled nanowire motors enhance asparaginase enzymatic activity against cancer cells. <i>Nanoscale</i> , 2017 , 9, 18423-18429	7.7	44
49	Concanavalin A immobilized poly(ethylene glycol dimethacrylate) based affinity cryogel matrix and usability of invertase immobilization. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 887-888, 73-8	3.2	34
48	Magnetic hydrophobic affinity nanobeads for lysozyme separation. <i>Materials Science and Engineering C</i> , 2009 , 29, 2165-2173	8.3	32
47	Novel magnetic nanoparticles for the hydrolysis of starch with <i>Bacillus licheniformis</i> α -amylase. <i>Journal of Applied Polymer Science</i> , 2012 , 123, 2574-2581	2.9	30
46	Usage of immobilized papain for enzymatic hydrolysis of proteins. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015 , 111, 56-63		28
45	Immobilization of inulinase on concanavalin A-attached super macroporous cryogel for production of high-fructose syrup. <i>Applied Biochemistry and Biotechnology</i> , 2013 , 170, 1909-21	3.2	25
44	A new metal-chelated beads for reversible use in uricase adsorption. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2008 , 51, 36-41		20
43	Purification of yeast alcohol dehydrogenase by using immobilized metal affinity cryogels. <i>Materials Science and Engineering C</i> , 2013 , 33, 4842-8	8.3	18
42	Poly(hydroxyethyl methacrylate-co-methacryloylamidotryptophane) nanospheres and their utilization as affinity adsorbents for porcine pancreas lipase adsorption. <i>Materials Science and Engineering C</i> , 2010 , 30, 1285-1290	8.3	18
41	Reversible immobilization of urease by using bacterial cellulose nanofibers. <i>Applied Biochemistry and Biotechnology</i> , 2013 , 171, 2285-94	3.2	17
40	Reversible adsorption of catalase onto Fe(3+) chelated poly(AAm-GMA)-IDA cryogels. <i>Materials Science and Engineering C</i> , 2015 , 50, 379-85	8.3	16
39	Purification of alcohol dehydrogenase from <i>Saccharomyces cerevisiae</i> using magnetic dye-ligand affinity nanostructures. <i>Applied Biochemistry and Biotechnology</i> , 2013 , 169, 2153-64	3.2	16
38	Dye Attached Nanoparticles for Lysozyme Adsorption. <i>Separation Science and Technology</i> , 2014 , 49, 1270-1278	15	
37	Metal-chelating nanopolymers for antibody purification from human plasma. <i>Applied Biochemistry and Biotechnology</i> , 2012 , 168, 1528-39	3.2	15

36	Purification of papain using reactive green 5 attached supermacroporous monolithic cryogel. <i>Applied Biochemistry and Biotechnology</i> , 2012 , 167, 552-63	3.2	15
35	Synthesis and characterization of albumin imprinted polymeric hydrogel membranes for proteomic studies. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018 , 29, 2218-2236	3.5	15
34	Immobilization of amyloglucosidase onto macroporous cryogels for continuous glucose production from starch. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2015 , 26, 1112-25	3.5	14
33	Immobilization of L-Asparaginase on Magnetic Nanoparticles for Cancer Treatment. <i>Applied Biochemistry and Biotechnology</i> , 2020 , 191, 1432-1443	3.2	14
32	High stability potentiometric urea biosensor based on enzyme attached nanoparticles. <i>Microchemical Journal</i> , 2021 , 160, 105667	4.8	14
31	Synthesis and characterization of amino acid containing Cu(II) chelated nanoparticles for lysozyme adsorption. <i>Materials Science and Engineering C</i> , 2013 , 33, 532-6	8.3	12
30	A novel affinity disks for bovine serum albumin purification. <i>Applied Biochemistry and Biotechnology</i> , 2015 , 175, 454-68	3.2	11
29	Bacteria killer enzyme attached magnetic nanoparticles. <i>Materials Science and Engineering C</i> , 2019 , 94, 558-564	8.3	11
28	Controlled release of curcumin from poly(HEMA-MAPA) membrane. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017 , 45, 426-431	6.1	10
27	Immobilization of alcohol dehydrogenase onto metal-chelated cryogels. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2015 , 26, 446-57	3.5	9
26	Antibody separation using lectin modified poly(HEMA-EDMA) hydrogel membranes. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018 , 29, 344-359	3.5	9
25	Synthesis and biodistribution of novel magnetic-poly(HEMA-APH) nanopolymer radiolabeled with iodine-131 and investigation its fate in vivo for cancer therapy. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	8
24	Boron nitride nanosheet modified label-free electrochemical immunosensor for cancer antigen 125 detection. <i>Biosensors and Bioelectronics</i> , 2021 , 191, 113454	11.8	8
23	Dye functionalized cryogel columns for reversible lysozyme adsorption. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2015 , 26, 277-89	3.5	7
22	Fe ₃ O ₄ magnetic core coated by silver and functionalized with N-acetyl cysteine as novel nanoparticles in ferritin adsorption. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	7
21	A novel support for antibody purification: fatty acid attached chitosan beads. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009 , 70, 266-70	6	7
20	Reversible papain immobilization onto poly(AAm-MMA)-based cryogels. <i>Bulletin of Materials Science</i> , 2016 , 39, 1039-1046	1.7	6
19	Dye removal by laccase-functionalized micromotors. <i>Applied Materials Today</i> , 2021 , 23, 101045	6.6	6

18	Peroxidase Immobilized Cryogels for Phenolic Compounds Removal. <i>Applied Biochemistry and Biotechnology</i> , 2020 , 190, 138-147	3.2	6
17	Reactive red 120 and Ni(II) derived poly(2-hydroxyethyl methacrylate) nanoparticles for urease adsorption. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	5
16	DNA isolation by galacteoacrylate-based nano-poly(HEMA-co-Gal-OPA) nanoparticles. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017 , 28, 1469-1479	3.5	4
15	Quercetin adsorption with imprinted polymeric materials. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2019 , 30, 947-960	3.5	4
14	Lectin-Modified Cryogels for Laccase Immobilization: a Decolorization Study. <i>Water, Air, and Soil Pollution</i> , 2020 , 231, 1	2.6	4
13	Boronate affinity nanoparticles for nucleoside separation. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016 , 44, 322-7	6.1	4
12	Methacryloylamidohistidine in affinity ligands for immobilized metal-ion affinity chromatography of ferritin. <i>Biotechnology and Bioprocess Engineering</i> , 2011 , 16, 173-179	3.1	4
11	Enzymatic Activity of Urokinase Immobilized onto Cu-Chelated Cibacron Blue F3GA-Derived Poly (HEMA) Magnetic Nanoparticles. <i>Applied Biochemistry and Biotechnology</i> , 2019 , 188, 194-207	3.2	4
10	Hydrophobic nano-carrier for lysozyme adsorption. <i>Bulletin of Materials Science</i> , 2016 , 39, 353-359	1.7	3
9	Heavy metal removal by N-acetylcysteine-functionalized cryogels. <i>Bulletin of Materials Science</i> , 2020 , 43, 1	1.7	3
8	Lectin attached affinity cryogels for amyloglucosidase adsorption. <i>Journal of Carbohydrate Chemistry</i> , 2018 , 37, 302-317	1.7	2
7	A new support material for IgG adsorption: <i>Syntrichia papillosissima</i> (Copp.) Loeske. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017 , 45, 1363-1368	6.1	1
6	Cholesterol removal by Cyclodextrin modified cryogel column. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2019 , 42, 537-545	1.3	1
5	Inulinase Immobilized Lectin Affinity Magnetic Nanoparticles for Inulin Hydrolysis. <i>Applied Biochemistry and Biotechnology</i> , 2021 , 193, 1415-1426	3.2	1
4	Metal-chelated cryogels for amyloglucosidase adsorption: application for continuous starch hydrolysis. <i>Bulletin of Materials Science</i> , 2018 , 41, 1	1.7	1
3	Environmental Applications of Immobilized Peroxidase onto Epoxy Bearing Cryogels. <i>European Journal of Science and Technology</i> , 388-392	0.4	0
2	Asparaginase immobilized, magnetically guided, and bubble-propelled micromotors. <i>Process Biochemistry</i> , 2021 , 108, 103-109	4.8	0
1	Immobilization of Urokinase onto Magnetically Directed Micromotors.. <i>Applied Biochemistry and Biotechnology</i> , 2022 , 1	3.2	0

