

Deniz AktaÅ Uygun

List of Publications by Year in descending order

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55
papers

1,085
citations

430442

18
h-index

433756

31
g-index

55
all docs

55
docs citations

55
times ranked

1457
citing authors

#	ARTICLE	IF	CITATIONS
1	Lysozyme-Based Antibacterial Nanomotors. ACS Nano, 2015, 9, 9252-9259.	7.3	141
2	Antioxidant activity and proline content of leaf extracts from <i>Dorystoechas hastata</i> . Food Chemistry, 2008, 111, 400-407.	4.2	87
3	Self-propelled chelation platforms for efficient removal of toxic metals. Environmental Science: Nano, 2016, 3, 559-566.	2.2	82
4	Ultrasound-propelled nanowire motors enhance asparaginase enzymatic activity against cancer cells. Nanoscale, 2017, 9, 18423-18429.	2.8	65
5	Usage of immobilized papain for enzymatic hydrolysis of proteins. Journal of Molecular Catalysis B: Enzymatic, 2015, 111, 56-63.	1.8	37
6	Boron nitride nanosheet modified label-free electrochemical immunosensor for cancer antigen 125 detection. Biosensors and Bioelectronics, 2021, 191, 113454.	5.3	37
7	Concanavalin A immobilized poly(ethylene glycol dimethacrylate) based affinity cryogel matrix and usability of invertase immobilization. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 887-888, 73-78.	1.2	36
8	Novel magnetic nanoparticles for the hydrolysis of starch with <i>Bacillus licheniformis</i> α -amylase. Journal of Applied Polymer Science, 2012, 123, 2574-2581.	1.3	35
9	Immobilization of L-Asparaginase on Magnetic Nanoparticles for Cancer Treatment. Applied Biochemistry and Biotechnology, 2020, 191, 1432-1443.	1.4	35
10	Magnetic hydrophobic affinity nanobeads for lysozyme separation. Materials Science and Engineering C, 2009, 29, 2165-2173.	3.8	33
11	High stability potentiometric urea biosensor based on enzyme attached nanoparticles. Microchemical Journal, 2021, 160, 105667.	2.3	30
12	Immobilization of Inulinase on Concanavalin A-Attached Super Macroporous Cryogel for Production of High-Fructose Syrup. Applied Biochemistry and Biotechnology, 2013, 170, 1909-1921.	1.4	28
13	A new metal-chelated beads for reversible use in uricase adsorption. Journal of Molecular Catalysis B: Enzymatic, 2008, 51, 36-41.	1.8	23
14	Poly(hydroxyethyl methacrylate-co-methacryloylamidotryptophane) nanospheres and their utilization as affinity adsorbents for porcine pancreas lipase adsorption. Materials Science and Engineering C, 2010, 30, 1285-1290.	3.8	22
15	Reversible adsorption of catalase onto Fe ³⁺ chelated poly(AAm-GMA)-IDA cryogels. Materials Science and Engineering C, 2015, 50, 379-385.	3.8	22
16	Purification of yeast alcohol dehydrogenase by using immobilized metal affinity cryogels. Materials Science and Engineering C, 2013, 33, 4842-4848.	3.8	20
17	Immobilization of amyloglucosidase onto macroporous cryogels for continuous glucose production from starch. Journal of Biomaterials Science, Polymer Edition, 2015, 26, 1112-1125.	1.9	20
18	Reversible Immobilization of Urease by Using Bacterial Cellulose Nanofibers. Applied Biochemistry and Biotechnology, 2013, 171, 2285-2294.	1.4	18

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19	Synthesis and characterization of albumin imprinted polymeric hydrogel membranes for proteomic studies. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 2218-2236.	1.9	18
20	Dye removal by laccase-functionalized micromotors. <i>Applied Materials Today</i> , 2021, 23, 101045.	2.3	18
21	Purification of Papain Using Reactive Green 5 Attached Supermacroporous Monolithic Cryogel. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 552-563.	1.4	17
22	Purification of Alcohol Dehydrogenase from <i>Saccharomyces cerevisiae</i> Using Magnetic Dye-Ligand Affinity Nanostructures. <i>Applied Biochemistry and Biotechnology</i> , 2013, 169, 2153-2164.	1.4	17
23	Dye Attached Nanoparticles for Lysozyme Adsorption. <i>Separation Science and Technology</i> , 2014, 49, 1270-1278.	1.3	17
24	Metal-Chelating Nanopolymers for Antibody Purification from Human Plasma. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 1528-1539.	1.4	16
25	Synthesis and characterization of amino acid containing Cu(II) chelated nanoparticles for lysozyme adsorption. <i>Materials Science and Engineering C</i> , 2013, 33, 532-536.	3.8	14
26	Bacteria killer enzyme attached magnetic nanoparticles. <i>Materials Science and Engineering C</i> , 2019, 94, 558-564.	3.8	14
27	Controlled release of curcumin from poly(HEMA-MAPA) membrane. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 426-431.	1.9	13
28	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.	0.8	11
29	A Novel Affinity Disks for Bovine Serum Albumin Purification. <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 454-468.	1.4	11
30	Dye functionalized cryogel columns for reversible lysozyme adsorption. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2015, 26, 277-289.	1.9	11
31	Immobilization of alcohol dehydrogenase onto metal-chelated cryogels. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2015, 26, 446-457.	1.9	11
32	Antibody separation using lectin modified poly(HEMA-EDMA) hydrogel membranes. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 344-359.	1.9	11
33	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.	0.8	10
34	Peroxidase Immobilized Cryogels for Phenolic Compounds Removal. <i>Applied Biochemistry and Biotechnology</i> , 2020, 190, 138-147.	1.4	10
35	Lectin-Modified Cryogels for Laccase Immobilization: a Decolorization Study. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	1.1	10
36	A novel support for antibody purification: Fatty acid attached chitosan beads. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 70, 266-270.	2.5	9

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37	Quercetin adsorption with imprinted polymeric materials. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2019, 30, 947-960.	1.9	8
38	Asparaginase immobilized, magnetically guided, and bubble-propelled micromotors. <i>Process Biochemistry</i> , 2021, 108, 103-109.	1.8	8
39	Reversible papain immobilization onto poly(AA-MMA)-based cryogels. <i>Bulletin of Materials Science</i> , 2016, 39, 1039-1046.	0.8	7
40	Reactive red 120 and Ni(II) derived poly(2-hydroxyethyl methacrylate) nanoparticles for urease adsorption. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	6
41	Boronate affinity nanoparticles for nucleoside separation. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 322-327.	1.9	6
42	Enzymatic Activity of Urokinase Immobilized onto Cu ²⁺ -Chelated Cibacron Blue F3GA-Derived Poly (HEMA) Magnetic Nanoparticles. <i>Applied Biochemistry and Biotechnology</i> , 2019, 188, 194-207.	1.4	6
43	Methacryloylamidohistidine in affinity ligands for immobilized metal-ion affinity chromatography of ferritin. <i>Biotechnology and Bioprocess Engineering</i> , 2011, 16, 173-179.	1.4	5
44	Heavy metal removal by N-acetylcysteine-functionalized cryogels. <i>Bulletin of Materials Science</i> , 2020, 43, 1.	0.8	5
45	DNA isolation by galactacrylate-based nano-poly(HEMA-Gal-OPA) nanoparticles. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017, 28, 1469-1479.	1.9	4
46	Hydrophobic nano-carrier for lysozyme adsorption. <i>Bulletin of Materials Science</i> , 2016, 39, 353-359.	0.8	3
47	Lectin attached affinity cryogels for amyloglucosidase adsorption. <i>Journal of Carbohydrate Chemistry</i> , 2018, 37, 302-317.	0.4	3
48	Cholesterol removal by β -cyclodextrin modified cryogel column. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2019, 42, 537-545.	0.5	3
49	Immobilization of Urokinase onto Magnetically Directed Micromotors. <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 3351-3364.	1.4	3
50	Removal of Selected Azo Dyes and Phenolic Compounds via Tyrosinase Immobilized Magnetic Iron Oxide Silver Nanoparticles. <i>Catalysis Letters</i> , 2023, 153, 1265-1277.	1.4	3
51	Metal-chelated cryogels for amyloglucosidase adsorption: application for continuous starch hydrolysis. <i>Bulletin of Materials Science</i> , 2018, 41, 1.	0.8	2
52	Inulinase Immobilized Lectin Affinity Magnetic Nanoparticles for Inulin Hydrolysis. <i>Applied Biochemistry and Biotechnology</i> , 2021, 193, 1415-1426.	1.4	2
53	A new support material for IgG adsorption: <i>Syntrichia papillosissima</i> (Copp.) Loeske. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1363-1368.	1.9	1
54	Environmental Applications of Immobilized Peroxidase onto Epoxy Bearing Cryogels. <i>European Journal of Science and Technology</i> , 0, , 388-392.	0.5	1

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55	Reactive Green 19 modified poly(HEMA) nanostructures for alcohol dehydrogenase immobilization. Celal Bayar Universitesi Fen Bilimleri Dergisi, 2016, 12, .	0.1	0