

GÃ¼lay BayramoÄlu

List of Publications by Year in descending order

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167
papers

9,161
citations

28274

55
h-index

51608

86
g-index

167
all docs

167
docs citations

167
times ranked

8305
citing authors

#	ARTICLE	IF	CITATIONS
1	Immobilization of <i>Candida rugosa</i> lipase on magnetic chitosan beads and application in flavor esters synthesis. <i>Food Chemistry</i> , 2022, 366, 130699.	8.2	41
2	Surface plasmon resonance aptasensor for <i>Brucella</i> detection in milk. <i>Talanta</i> , 2022, 239, 123074.	5.5	21
3	Preparation of effective green sorbents using <i>O. Princeps</i> alga biomass with different composition of amine groups: Comparison to adsorption performances for removal of a model acid dye. <i>Journal of Molecular Liquids</i> , 2022, 347, 118375.	4.9	26
4	Selective isolation and sensitive detection of lysozyme using aptamer based magnetic adsorbent and a new quartz crystal microbalance system. <i>Food Chemistry</i> , 2022, 382, 132353.	8.2	12
5	Utilization of immobilized horseradish peroxidase for facilitated detoxification of a benzidine based azo dye. <i>Chemical Engineering Research and Design</i> , 2021, 165, 435-444.	5.6	13
6	Strong and weak cation-exchange groups generated cryogels films for adsorption and purification of lysozyme from chicken egg white. <i>Food Chemistry</i> , 2021, 342, 128295.	8.2	8
7	Grafting of regenerated cellulose films with fibrous polymer and modified into phosphate and sulfate groups: Application for removal of a model azo-dye. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 614, 126173.	4.7	43
8	Aggrandizement of uranium (VI) removal performance of <i>Lentinus concinnus</i> biomass by attachment of 2,5-diaminobenzenesulfonic acid ligand. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 328, 1085-1098.	1.5	12
9	Immobilization of <i>Candida rugosa</i> Lipase on Magnetic Biosilica Particles: Hydrolysis and Transesterification Studies. <i>Biotechnology and Bioprocess Engineering</i> , 2021, 26, 827-840.	2.6	6
10	Hydrophilic spacer-arm containing magnetic nanoparticles for immobilization of proteinase K: Employment for speciation of proteins for mass spectrometry-based analysis. <i>Talanta</i> , 2020, 206, 120218.	5.5	10
11	Catalytic Activity of Immobilized Chymotrypsin on Hybrid Silica-Magnetic Biocompatible Particles and Its Application in Peptide Synthesis. <i>Applied Biochemistry and Biotechnology</i> , 2020, 190, 1224-1241.	2.9	9
12	Preparation and characterization of strong cation exchange terpolymer resin as effective adsorbent for removal of disperse dyes. <i>Polymer Engineering and Science</i> , 2020, 60, 192-201.	3.1	57
13	Modification of epoxy groups of poly(hydroxymethyl methacrylate-co-glycidyl methacrylate) cryogel with H ₃ PO ₄ as adsorbent for removal of hazardous pollutants. <i>Environmental Science and Pollution Research</i> , 2020, 27, 43340-43358.	5.3	21
14	Fibrous polymer functionalized magnetic biocatalysts for improved performance. <i>Methods in Enzymology</i> , 2020, 630, 111-132.	1.0	7
15	Design of an aptamer-based magnetic adsorbent and biosensor systems for selective and sensitive separation and detection of thrombin. <i>Talanta</i> , 2019, 191, 59-66.	5.5	58
16	Star type polymer grafted and polyamidoxime modified silica coated-magnetic particles for adsorption of U(VI) ions from solution. <i>Chemical Engineering Research and Design</i> , 2019, 147, 146-159.	5.6	51
17	Rapid and label-free detection of <i>Brucella melitensis</i> in milk and milk products using an aptasensor. <i>Talanta</i> , 2019, 200, 263-271.	5.5	67
18	Biodegradation of methylene blue and carbaryl by <i>Trametes versicolor</i> laccase preparations in the presence of a mediator compound. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2019, 56, 277-285.	2.2	22

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19	Biodegradation of Cibacron Blue 3GA by insolubilized laccase and identification of enzymatic byproduct using MALDI-ToF-MS: Toxicity assessment studies by <i>Daphnia magna</i> and <i>Chlorella vulgaris</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 170, 453-460.	6.0	47
20	Fast and Sensitive Detection of <i>Salmonella</i> in Milk Samples Using Aptamer-Functionalized Magnetic Silica Solid Phase and MCM-41-Aptamer Gate System. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 1437-1444.	5.2	41
21	Adsorption of Congo Red dye by native amine and carboxyl modified biomass of <i>Funalia trogii</i> : Isotherms, kinetics and thermodynamics mechanisms. <i>Korean Journal of Chemical Engineering</i> , 2018, 35, 1303-1311.	2.7	64
22	Cyclic-carbonate functionalized polymer brushes on polymeric microspheres: Immobilized laccase for degradation of endocrine disturbing compounds. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 60, 407-417.	5.8	59
23	Uranium sorption by native and nitrilotriacetate-modified <i>Bangia atropurpurea</i> biomass: kinetics and thermodynamics. <i>Journal of Applied Phycology</i> , 2018, 30, 649-661.	2.8	37
24	Azo Dye Removal Using Free and Immobilized Fungal Biomasses: Isotherms, Kinetics and Thermodynamic Studies. <i>Fibers and Polymers</i> , 2018, 19, 877-886.	2.1	25
25	Removal of metal complexed azo dyes from aqueous solution using tris(2-aminoethyl)amine ligand modified magnetic p(GMA-EGDMA) cationic resin: Adsorption, isotherm and kinetic studies. <i>Chemical Engineering Research and Design</i> , 2017, 124, 85-97.	5.6	49
26	Polyethylenimine and tris(2-aminoethyl)amine modified p(GA-EGMA) microbeads for sorption of uranium ions: equilibrium, kinetic and thermodynamic studies. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 312, 293-303.	1.5	39
27	Removal of Disperse Red 60 dye from aqueous solution using free and composite fungal biomass of <i>Lentinus concinnus</i> . <i>Water Science and Technology</i> , 2017, 75, 366-377.	2.5	21
28	Immobilization of laccase on the fibrous polymer-grafted film and study of textile dye degradation by MALDI-ToF-MS. <i>Chemical Engineering Research and Design</i> , 2017, 128, 107-119.	5.6	46
29	Improvement stability and performance of invertase via immobilization on to silanized and polymer brush grafted magnetic nanoparticles. <i>Food Chemistry</i> , 2017, 221, 1442-1450.	8.2	49
30	Methacrylated Chitosan Based UV Curable Support for Enzyme Immobilization. <i>Materials Research</i> , 2017, 20, 452-459.	1.3	15
31	Aminopyridine modified <i>Spirulina platensis</i> biomass for chromium(VI) adsorption in aqueous solution. <i>Water Science and Technology</i> , 2016, 74, 914-926.	2.5	23
32	<i>Staphylococcus aureus</i> detection in blood samples by silica nanoparticle-oligonucleotides conjugates. <i>Biosensors and Bioelectronics</i> , 2016, 86, 27-32.	10.1	64
33	Polyaniline coated magnetic carboxymethylcellulose beads for selective removal of uranium ions from aqueous solution. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 310, 711-724.	1.5	62
34	MCM-41 silica particles grafted with polyacrylonitrile: Modification in to amidoxime and carboxyl groups for enhanced uranium removal from aqueous medium. <i>Microporous and Mesoporous Materials</i> , 2016, 226, 117-124.	4.4	117
35	A facile and efficient method of enzyme immobilization on silica particles via Michael acceptor film coatings: immobilized catalase in a plug flow reactor. <i>Bioprocess and Biosystems Engineering</i> , 2016, 39, 871-881.	3.4	18
36	Removal of bisphenol A from aqueous medium using molecularly surface imprinted microbeads. <i>Chemosphere</i> , 2016, 150, 275-284.	8.2	66

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37	Amidoxime functionalized <i>Trametes trogii</i> pellets for removal of uranium(VI) from aqueous medium. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 307, 373-384.	1.5	46
38	Lysozyme specific aptamer immobilized MCM-41 silicate for single-step purification and quartz crystal microbalance (QCM)-based determination of lysozyme from chicken egg white. <i>Microporous and Mesoporous Materials</i> , 2015, 207, 95-104.	4.4	34
39	Immobilized lipase on micro-porous biosilica for enzymatic transesterification of algal oil. <i>Chemical Engineering Research and Design</i> , 2015, 95, 12-21.	5.6	67
40	Study of polyethyleneimine- and amidoxime-functionalized hybrid biomass of <i>Spirulina</i> (<i>Arthrospira</i>) <i>platensis</i> for adsorption of uranium (VI) ion. <i>Environmental Science and Pollution Research</i> , 2015, 22, 17998-18010.	5.3	75
41	Fibrous polymer grafted magnetic chitosan beads with strong poly(cation-exchange) groups for single step purification of lysozyme. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 990, 84-95.	2.3	27
42	Pathogen detection in complex samples by quartz crystal microbalance sensor coupled to aptamer functionalized core-shell type magnetic separation. <i>Analytica Chimica Acta</i> , 2015, 853, 533-540.	5.4	110
43	Examination of fabrication conditions of acrylate-based hydrogel formulations for doxorubicin release and efficacy test for hepatocellular carcinoma cell. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2014, 25, 657-678.	3.5	6
44	Immobilization of <i>Mucor miehei</i> esterase on core-shell magnetic beads via adsorption and covalent binding: Application in esters synthesis. <i>Fibers and Polymers</i> , 2014, 15, 2051-2060.	2.1	10
45	Activity and stability of urease entrapped in thermosensitive poly(N-isopropylacrylamide-co-poly(ethyleneglycol)-methacrylate) hydrogel. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 235-243.	3.4	16
46	P(HPMA/EGDMA) beads grafted with fibrous chains by SI-ATRP method: agmatine functionalized affinity beads for selective separation of serum albumin. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 205-215.	3.4	10
47	Biosorption of uranium(VI) by free and entrapped <i>Chlamydomonas reinhardtii</i> : kinetic, equilibrium and thermodynamic studies. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 299, 1993-2003.	1.5	65
48	Preparation and characterization of mixed-mode magnetic adsorbent with p-amino-benzamidine ligand: Operated in a magnetically stabilized fluidized bed reactor for purification of trypsin from bovine pancreas. <i>Process Biochemistry</i> , 2014, 49, 520-528.	3.7	12
49	Pathogen detection by core-shell type aptamer-magnetic preconcentration coupled to real-time PCR. <i>Analytical Biochemistry</i> , 2014, 447, 119-125.	2.4	42
50	NanoKeepers: stimuli responsive nanocapsules for programmed specific targeting and drug delivery. <i>Chemical Communications</i> , 2014, 50, 9489-9492.	4.1	20
51	Surface-Initiated Ring-Opening Polymerization of Poly(2-methyl-2-oxazoline) from Poly(bromoethyl) Tj ETQq1 1 0.784314 rgBT /Overload Î±-Amylase by Adsorption and Cross-Linking. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 14263-14271.	3.7	8
52	Immobilization of laccase on hairy polymer grafted zeolite particles: Degradation of a model dye and product analysis with MALDI-ToF-MS. <i>Microporous and Mesoporous Materials</i> , 2014, 199, 57-65.	4.4	35
53	Magnetic Polymeric Beads Functionalized with Different Mixed-Mode Ligands for Reversible Immobilization of Trypsin. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 132-140.	3.7	32
54	Trypsin Immobilized on Magnetic Beads via Click Chemistry: Fast Proteolysis of Proteins in a Microbioreactor for MALDI-ToF-MS Peptide Analysis. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 4554-4564.	3.7	26

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55	Removal of Textile Dyes from Aqueous Solution using Amine-Modified Plant Biomass of <i>A. caricum</i> : Equilibrium and Kinetic Studies. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	2.4	28
56	Adsorption and separation of immunoglobulins by novel affinity core-shell beads decorated with Protein L and L-histidine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 936, 1-9.	2.3	11
57	Preparation of clay-poly(glycidyl methacrylate) composite support for immobilization of cellulase. <i>Applied Clay Science</i> , 2013, 85, 88-95.	5.2	48
58	Design of a core-shell type immuno-magnetic separation system and multiplex PCR for rapid detection of pathogens from food samples. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 9541-9551.	3.6	17
59	Immobilization of glucoamylase onto polyaniline-grafted magnetic hydrogel via adsorption and adsorption/cross-linking. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 1149-1159.	3.6	36
60	Immobilization of tyrosinase on modified diatom biosilica: Enzymatic removal of phenolic compounds from aqueous solution. <i>Journal of Hazardous Materials</i> , 2013, 244-245, 528-536.	12.4	97
61	Removal of reactive dyes from wastewater by acrylate polymer beads bearing amino groups: isotherm and kinetic studies. <i>Coloration Technology</i> , 2013, 129, 114-124.	1.5	35
62	Poly (hydroxyethyl methacrylate-glycidyl methacrylate) films modified with different functional groups: In vitro interactions with platelets and rat stem cells. <i>Materials Science and Engineering C</i> , 2013, 33, 801-810.	7.3	23
63	Cross-linking of horseradish peroxidase adsorbed on polycationic films: utilization for direct dye degradation. <i>Bioprocess and Biosystems Engineering</i> , 2012, 35, 1355-1365.	3.4	36
64	Biosorption of Cr(VI) by free and immobilized <i>Pediastrum boryanum</i> biomass: equilibrium, kinetic, and thermodynamic studies. <i>Environmental Science and Pollution Research</i> , 2012, 19, 2983-2993.	5.3	31
65	Poly(methyl methacrylate-glycidyl methacrylate) film with immobilized iminodiacetic acid and Cu(II) ion: For protein adsorption. <i>Fibers and Polymers</i> , 2012, 13, 1225-1232.	2.1	11
66	Preparation of Comb-Type Magnetic Beads by Surface-Initiated ATRP: Modification with Nitrilotriacetate Groups for Removal of Basic Dyes. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 10629-10640.	3.7	29
67	A method for fabrication of polyaniline coated polymer microspheres and its application for cellulase immobilization. <i>Chemical Engineering Journal</i> , 2012, 189-190, 404-412.	12.7	63
68	Removal of Ni(II) and Cu(II) ions using native and acid treated Ni-hyperaccumulator plant <i>Alyssum discolor</i> from Turkish serpentine soil. <i>Chemosphere</i> , 2012, 89, 302-309.	8.2	21
69	Immobilization of laccase on itaconic acid grafted and Cu(II) ion chelated chitosan membrane for bioremediation of hazardous materials. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 530-539.	3.2	53
70	Synthesis and characterization of magnetic beads containing aminated fibrous surfaces for removal of Reactive Green 19 dye: kinetics and thermodynamic parameters. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 705-713.	3.2	43
71	Development of a sensitive method for selection of affinity ligand for trypsin using quartz crystal microbalance sensor. <i>Bioprocess and Biosystems Engineering</i> , 2012, 35, 423-431.	3.4	17
72	Immobilization and stabilization of papain on poly(hydroxyethyl methacrylate-ethylenglycol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 transfer radical polymerization (SI-ATRP). <i>Bioresource Technology</i> , 2011, 102, 9833-9837.	9.6	36

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73	Preparation of a Composite Biosorbent Using <i>Scenedesmus quadricauda</i> Biomass and Alginate/Polyvinyl Alcohol for Removal of Cu(II) and Cd(II) Ions: Isotherms, Kinetics, and Thermodynamic Studies. <i>Water, Air, and Soil Pollution</i> , 2011, 221, 391-403.	2.4	50
74	Reversible immobilization of uricase on conductive polyaniline brushes grafted on polyacrylonitrile film. <i>Bioprocess and Biosystems Engineering</i> , 2011, 34, 127-134.	3.4	19
75	Poly(styrene- <i>co</i> -divinylbenzene) beads surface functionalized with di-block polymer grafting and multi-modal ligand attachment: performance of reversibly immobilized lipase in ester synthesis. <i>Bioprocess and Biosystems Engineering</i> , 2011, 34, 735-746.	3.4	50
76	Immobilization of chloroperoxidase onto highly hydrophilic polyethylene chains via bio-conjugation: Catalytic properties and stabilities. <i>Bioresource Technology</i> , 2011, 102, 475-482.	9.6	46
77	Preparation and characterization of poly(hydroxyethyl methacrylate- <i>co</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (-poly(eth mesenchymal stem cells. <i>Macromolecular Research</i> , 2011, 19, 385-395.	2.4	17
78	Preparation of poly (acrylic acid) containing core-shell type resin for removal of basic dyes. <i>Journal of Chemical Technology and Biotechnology</i> , 2011, 86, 699-705.	3.2	33
79	Immobilization of catalase via adsorption on poly(styrene- <i>d</i> -glycidylmethacrylate) grafted and tetraethylthylenetriamine ligand attached microbeads. <i>Bioresource Technology</i> , 2011, 102, 3653-3661.	9.6	51
80	Amine functional monodisperse microbeads via precipitation polymerization of N-vinyl formamide: Immobilized laccase for benzidine based dyes degradation. <i>Bioresource Technology</i> , 2011, 102, 6783-6790.	9.6	53
81	Synthesis of Cr(VI)-imprinted poly(4-vinyl pyridine- <i>co</i> -hydroxyethyl methacrylate) particles: Its adsorption propensity to Cr(VI). <i>Journal of Hazardous Materials</i> , 2011, 187, 213-221.	12.4	134
82	Covalent immobilization of lipase onto amine functionalized polypropylene membrane and its application in green apple flavor (ethyl valerate) synthesis. <i>Process Biochemistry</i> , 2011, 46, 372-378.	3.7	68
83	Reversible immobilization of <i>Candida rugosa</i> lipase on fibrous polymer grafted and sulfonated p(HEMA/EGDMA) beads. <i>Bioprocess and Biosystems Engineering</i> , 2010, 33, 227-236.	3.4	72
84	Preparation and characterization of epoxy-functionalized magnetic chitosan beads: laccase immobilized for degradation of reactive dyes. <i>Bioprocess and Biosystems Engineering</i> , 2010, 33, 439-448.	3.4	105
85	Reversible immobilization of catalase on fibrous polymer grafted and metal chelated chitosan membrane. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010, 62, 297-304.	1.8	51
86	Surface modification of polyacrylonitrile film by anchoring conductive polyaniline and determination of uricase adsorption capacity and activity. <i>Applied Surface Science</i> , 2010, 256, 6710-6716.	6.1	22
87	Reversible immobilization of laccase to poly(4-vinylpyridine) grafted and Cu(II) chelated magnetic beads: Biodegradation of reactive dyes. <i>Bioresource Technology</i> , 2010, 101, 6615-6621.	9.6	103
88	Reversible immobilization of glucose oxidase on polyaniline grafted polyacrylonitrile conductive composite membrane. <i>Bioresource Technology</i> , 2010, 101, 6881-6887.	9.6	49
89	Poly(glycidyl methacrylate)-Polystyrene Diblocks Copolymer Grafted Nanocomposite Microspheres from Surface-Initiated Atom Transfer Radical Polymerization for Lipase Immobilization: Application in Flavor Ester Synthesis. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 9655-9665.	3.7	45
90	L-Dopa synthesis using tyrosinase immobilized on magnetic beads. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009, 58, 187-193.	1.8	39

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91	Preparation and drug release behavior of minocycline loaded poly[hydroxyethyl methacrylate-co-poly(ethylene glycol)-methacrylate] films. <i>Journal of Applied Polymer Science</i> , 2009, 112, 1012-1020.	2.6	13
92	Poly(vinylbenzylchloride) beads grafted with polymer brushes carrying hydrazine ligand for reversible enzyme immobilization. <i>Journal of Applied Polymer Science</i> , 2009, 113, 2661-2669.	2.6	12
93	Immobilization of laccase onto poly(glycidylmethacrylate) brush grafted poly(hydroxyethylmethacrylate) films: Enzymatic oxidation of phenolic compounds. <i>Materials Science and Engineering C</i> , 2009, 29, 1990-1997.	7.3	99
94	Poly(glycidylmethacrylate) brushes generated on poly(VBC) beads by SI-ATRP technique: Hydrazine and amino groups functionalized for invertase adsorption and purification. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 1479-1486.	2.3	28
95	Polyaniline grafted polyacrylonitrile conductive composite fibers for reversible immobilization of enzymes: Stability and catalytic properties of invertase. <i>Process Biochemistry</i> , 2009, 44, 880-885.	3.7	46
96	Preparation and characterization of comb type polymer coated poly(HEMA/EGDMA) microspheres containing surface-anchored sulfonic acid: Application in I ³ -globulin separation. <i>Reactive and Functional Polymers</i> , 2009, 69, 189-196.	4.1	18
97	Adsorption kinetics and thermodynamic parameters of cationic dyes from aqueous solutions by using a new strong cation-exchange resin. <i>Chemical Engineering Journal</i> , 2009, 152, 339-346.	12.7	325
98	Glycidyl methacrylate grafted on p(VBC) beads by SI-ATRP technique: Modified with hydrazine as a salt resistance ligand for adsorption of invertase. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 345, 127-134.	4.7	20
99	Construction a hybrid biosorbent using <i>Scenedesmus quadricauda</i> and Ca-alginate for biosorption of Cu(II), Zn(II) and Ni(II): Kinetics and equilibrium studies. <i>Bioresource Technology</i> , 2009, 100, 186-193.	9.6	144
100	Immobilization of laccase onto spacer-arm attached non-porous poly(GMA/EGDMA) beads: Application for textile dye degradation. <i>Bioresource Technology</i> , 2009, 100, 665-669.	9.6	144
101	Biosorption of phenol and 2-chlorophenol by <i>Funalia trogii</i> pellets. <i>Bioresource Technology</i> , 2009, 100, 2685-2691.	9.6	97
102	Removal of heavy mercury(II), cadmium(II) and zinc(II) metal ions by live and heat inactivated <i>Lentinus edodes</i> pellets. <i>Chemical Engineering Journal</i> , 2008, 143, 133-140.	12.7	159
103	Alcohol determination via covalent enzyme immobilization on magnetic beads. <i>Sensors and Actuators B: Chemical</i> , 2008, 128, 521-528.	7.8	24
104	Preparation and characterization of infection resistant antibiotics releasing hydrogels rods of		

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109	Covalent immobilization of chloroperoxidase onto magnetic beads: Catalytic properties and stability. <i>Biochemical Engineering Journal</i> , 2008, 38, 180-188.	3.6	89
110	Preparation of nanofibrous polymer grafted magnetic poly(GMA-MMA)-g-MAA beads for immobilization of trypsin via adsorption. <i>Biochemical Engineering Journal</i> , 2008, 40, 262-274.	3.6	89
111	Preparation of poly(glycidylmethacrylate- <i>methylmethacrylate</i>) magnetic beads: Application in lipase immobilization. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2008, 55, 76-83.	1.8	52
112	Immobilization of β -galactosidase onto magnetic poly(GMA- <i>MMA</i>) beads for hydrolysis of lactose in bed reactor. <i>Catalysis Communications</i> , 2007, 8, 1094-1101.	3.3	97
113	Chitosan-grafted poly(hydroxyethyl methacrylate-co-glycidyl methacrylate) membranes for reversible enzyme immobilization. <i>Journal of Applied Polymer Science</i> , 2007, 103, 3084-3093.	2.6	17
114	Adsorption of IgG on spacer-arm and L-arginine ligand attached poly(GMA/MMA/EGDMA) beads. <i>Journal of Applied Polymer Science</i> , 2007, 104, 672-679.	2.6	15
115	Removal of Cd(II), Hg(II), and Pb(II) ions from aqueous solution using p(HEMA/chitosan) membranes. <i>Journal of Applied Polymer Science</i> , 2007, 106, 169-177.	2.6	35
116	Preparation and characterization of sulfonyl-hydrazine attached poly(styrene-divinylbenzene) beads for separation of albumin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 294, 56-63.	4.7	33
117	Cytochrome c adsorption on glutamic acid ligand immobilized magnetic poly(methylmethacrylate-co-glycidylmethacrylate) beads. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 297, 55-62.	4.7	15
118	A dye- <i>ligand</i> immobilized poly(2-hydroxyethylmethacrylate) membrane used for adsorption and isolation of immunoglobulin G. <i>Biochemical Engineering Journal</i> , 2007, 34, 147-155.	3.6	21
119	Preparation of ion-exchange beads based on poly(methacrylic acid) brush grafted chitosan beads: Isolation of lysozyme from egg white in batch system. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 310, 68-77.	4.7	41
120	Biosorption of benzidine based textile dyes - Direct Blue 1 and Direct Red 128 - using native and heat-treated biomass of <i>Trametes versicolor</i> . <i>Journal of Hazardous Materials</i> , 2007, 143, 135-143.	12.4	138
121	Kinetics of mercury ions removal from synthetic aqueous solutions using by novel magnetic p(GMA-MMA-EGDMA) beads. <i>Journal of Hazardous Materials</i> , 2007, 144, 449-457.	12.4	74
122	Biosorption of Reactive Red-120 dye from aqueous solution by native and modified fungus biomass preparations of <i>Lentinus sajor-caju</i> . <i>Journal of Hazardous Materials</i> , 2007, 149, 499-507.	12.4	122
123	Single-Step Purification of Recombinant <i>Thermus aquaticus</i> DNA Polymerase Using DNA-Aptamer Immobilized Novel Affinity Magnetic Beads. <i>Biotechnology Progress</i> , 2007, 23, 146-154.	2.6	69
124	Human serum albumin adsorption on poly[(glycidyl methacrylate)-co-(methyl methacrylate)] beads modified with a spacer-arm-attached L-histidine ligand. <i>Polymer International</i> , 2006, 55, 40-48.	3.1	11
125	Immunoglobulin G adsorption behavior of L-histidine ligand attached and Lewis metal ions chelated affinity membranes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 287, 75-85.	4.7	36
126	Effect of spacer-arm and Cu(II) ions on performance of L-histidine immobilized on poly(GMA/MMA) beads as an affinity ligand for separation and purification of IgG. <i>Separation and Purification Technology</i> , 2006, 50, 229-239.	7.9	37

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127	Studies on accumulation of uranium by fungus <i>Lentinus sajor-caju</i> . <i>Journal of Hazardous Materials</i> , 2006, 136, 345-353.	12.4	109
128	Biosorption of Reactive Blue 4 dye by native and treated fungus <i>Phanerochaete chrysosporium</i> : Batch and continuous flow system studies. <i>Journal of Hazardous Materials</i> , 2006, 137, 1689-1697.	12.4	137
129	Biosorption of mercury(II), cadmium(II) and lead(II) ions from aqueous system by microalgae <i>Chlamydomonas reinhardtii</i> immobilized in alginate beads. <i>International Journal of Mineral Processing</i> , 2006, 81, 35-43.	2.6	216
130	Invertase reversibly immobilized onto polyethylenimine-grafted poly(GMA-MMA) beads for sucrose hydrolysis. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2006, 38, 131-138.	1.8	82
131	Adsorption of serum albumin and β -globulin from single and binary mixture and characterization of pHEMA-based affinity membrane surface by contact angle measurements. <i>Biochemical Engineering Journal</i> , 2005, 26, 12-21.	3.6	31
132	Purification of lysozyme from egg white by Reactive Blue 4 and Reactive Red 120 dye-ligands immobilised composite membranes. <i>Process Biochemistry</i> , 2005, 40, 1433-1442.	3.7	45
133	Equilibrium and kinetic studies on biosorption of Hg(II), Cd(II) and Pb(II) ions onto microalgae <i>Chlamydomonas reinhardtii</i> . <i>Journal of Environmental Management</i> , 2005, 77, 85-92.	7.8	241
134	Modification of surface properties of mycelia by physical and chemical methods: evaluation of their Cr removal efficiencies from aqueous medium. <i>Journal of Hazardous Materials</i> , 2005, 119, 219-229.	12.4	112
135	Separation and purification of lysozyme by Reactive Green 19 immobilised membrane affinity chromatography. <i>Food Chemistry</i> , 2005, 89, 11-18.	8.2	74
136	Immobilization of lipase onto spacer-arm attached poly(GMA-HEMA-EGDMA) microspheres. <i>Food Chemistry</i> , 2005, 92, 261-268.	8.2	89
137	Cr(VI) biosorption from aqueous solutions using free and immobilized biomass of <i>Lentinus sajor-caju</i> : preparation and kinetic characterization. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 253, 203-211.	4.7	119
138	Characterization of polyethylenimine grafted and Cibacron Blue F3GA immobilized poly(hydroxyethylmethacrylate-co-glycidylmethacrylate) membranes and application to bilirubin removal from human serum. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 264, 195-202.	4.7	34
139	Ethylenediamine grafted poly(glycidylmethacrylate-co-methylmethacrylate) adsorbent for removal of chromate anions. <i>Separation and Purification Technology</i> , 2005, 45, 192-199.	7.9	82
140	Novel Hydrogel Membrane Based on Copoly(hydroxyethyl methacrylate/p-vinylbenzyl-poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Bioscience, 2005, 5, 983-992.	4.1	42
141	Utilisation of native, heat and acid-treated microalgae <i>Chlamydomonas reinhardtii</i> preparations for biosorption of Cr(VI) ions. <i>Process Biochemistry</i> , 2005, 40, 2351-2358.	3.7	143
142	Polyethylenimine-grafted and HSA-immobilized poly(GMA-MMA) affinity adsorbents for bilirubin removal. <i>Polymer International</i> , 2005, 54, 153-160.	3.1	17
143	Surface energy components of a dye-ligand immobilized pHEMA membranes: Effects of their molecular attracting forces for non-covalent interactions with IgG and HSA in aqueous media. <i>International Journal of Biological Macromolecules</i> , 2005, 37, 249-256.	7.5	20
144	Reversible immobilization of tyrosinase onto polyethylenimine-grafted and Cu(II) chelated poly(HEMA-co-GMA) reactive membranes. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2004, 27, 255-265.	1.8	90

#	ARTICLE	IF	CITATIONS
145	Characterisation of tyrosinase immobilised onto spacer-arm attached glycidyl methacrylate-based reactive microbeads. <i>Process Biochemistry</i> , 2004, 39, 2007-2017.	3.7	85
146	Immobilization of a thermostable α -amylase onto reactive membranes: kinetics characterization and application to continuous starch hydrolysis. <i>Food Chemistry</i> , 2004, 84, 591-599.	8.2	121
147	Biosorption of Hg ²⁺ , Cd ²⁺ , and Zn ²⁺ by Ca-alginate and immobilized wood-rotting fungus <i>Funalia trogii</i> . <i>Journal of Hazardous Materials</i> , 2004, 109, 191-199.	12.4	171
148	Affinity membrane chromatography: relationship of dye-ligand type to surface polarity and their effect on lysozyme separation and purification. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 805, 315-323.	2.3	73
149	Preparation and characterisation of surfaces properties of poly(hydroxyethylmethacrylate-co-methacryloylamido-histidine) membranes: application for purification of human immunoglobulin G. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 807, 315-325.	2.3	27
150	Polyethyleneimine-grafted poly(hydroxyethyl methacrylate-co-glycidyl methacrylate) membranes for reversible glucose oxidase immobilization. <i>Biochemical Engineering Journal</i> , 2004, 20, 73-77.	3.6	57
151	Evaluation of lysozyme adsorptive behaviour of pHEMA-based affinity membranes related to the surface energy and its components to be used in chromatographic fields. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 243, 11-21.	4.7	29
152	Poly(2-hydroxyethylmethacrylate)/chitosan dye and different metal-ion-immobilized interpenetrating network membranes: Preparation and application in metal affinity chromatography. <i>Journal of Applied Polymer Science</i> , 2003, 88, 1843-1853.	2.6	39
153	Ca-alginate as a support for Pb(II) and Zn(II) biosorption with immobilized <i>Phanerochaete chrysosporium</i> . <i>Carbohydrate Polymers</i> , 2003, 52, 167-174.	10.2	120
154	Biosorption of heavy metal ions on immobilized white-rot fungus <i>Trametes versicolor</i> . <i>Journal of Hazardous Materials</i> , 2003, 101, 285-300.	12.4	200
155	Preparation and application of spacer-arm-attached poly(hydroxyethyl methacrylate-co-glycidyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.1	24
156	Affinity dye-ligand poly(hydroxyethyl methacrylate)/chitosan composite membrane for adsorption lysozyme and kinetic properties. <i>Biochemical Engineering Journal</i> , 2003, 13, 35-42.	3.6	76
157	Covalent immobilisation of invertase onto a reactive film composed of 2-hydroxyethyl methacrylate and glycidyl methacrylate: properties and application in a continuous flow system. <i>Biochemical Engineering Journal</i> , 2003, 14, 117-126.	3.6	105
158	DNA adsorption on a poly-L-lysine-immobilized poly(2-hydroxyethyl methacrylate) membrane. <i>Polymer International</i> , 2003, 52, 1169-1174.	3.1	14
159	A novel pH sensitive porous membrane carrier for various biomedical applications based on pHEMA/chitosan: preparation and its drug release characteristics. <i>Macromolecular Symposia</i> , 2003, 203, 213-218.	0.7	23
160	Dye-ligand immobilized IPNs membrane for removal heavy metal ions. <i>Macromolecular Symposia</i> , 2003, 203, 219-224.	0.7	5
161	Poly(hydroxyethyl methacrylate) membranes: as a hydrogel support for use in immobilized metal affinity chromatography. <i>Macromolecular Symposia</i> , 2003, 203, 207-212.	0.7	4
162	Procion Green H-4G immobilized on a new IPN hydrogel membrane composed of poly(2-hydroxyethylmethacrylate)/chitosan: preparation and its application to the adsorption of lysozyme. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 202, 41-52.	4.7	64

#	ARTICLE	IF	CITATIONS
163	Covalent immobilization of lipase onto hydrophobic group incorporated poly(2-hydroxyethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 58	5.2	54
164	Poly(hydroxyethyl methacrylate-co-glycidyl methacrylate) reactive membrane utilised for cholesterol oxidase immobilisation. Polymer International, 2002, 51, 1316-1322.	3.1	29
165	Membrane with incorporated hydrophobic ligand for hydrophobic interaction with proteins: application to lipase adsorption. Polymer International, 2002, 51, 966-972.	3.1	27
166	Reversible immobilization of urease onto Procion Brown MX-5BR-Ni(II) attached polyamide hollow-fibre membranes. Process Biochemistry, 2002, 38, 675-683.	3.7	44
167	Procion Brown MX-5BR attached and Lewis metals ion-immobilized poly(hydroxyethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 58 characterization. Chemical Engineering Science, 2002, 57, 2323-2334.	3.8	71