

GÃ¼lay BayramoÄlu

List of Publications by Year in descending order

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167
papers

9,161
citations

28242

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167
docs citations

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times ranked

8305
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	6.6	325
2	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.	3.8	241
3	Enzymatic removal of phenol and p-chlorophenol in enzyme reactor: Horseradish peroxidase immobilized on magnetic beads. <i>Journal of Hazardous Materials</i> , 2008, 156, 148-155.	6.5	217
4	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
5	Biosorption of heavy metal ions on immobilized white-rot fungus <i>Trametes versicolor</i> . <i>Journal of Hazardous Materials</i> , 2003, 101, 285-300.	6.5	200
6	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.	6.5	171
7	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.	6.6	159
8	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.	4.8	144
9	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.	4.8	144
10	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.	1.8	143
11	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.	6.5	138
12	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.	6.5	137
13	Synthesis of Cr(VI)-imprinted poly(4-vinyl pyridine-co-hydroxyethyl methacrylate) particles: Its adsorption propensity to Cr(VI). <i>Journal of Hazardous Materials</i> , 2011, 187, 213-221.	6.5	134
14	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.	6.5	122
15	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.	4.2	121
16	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.	5.1	120
17	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.	2.3	119
18	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.	2.2	117

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19	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.	6.5	112
20	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.	2.6	110
21	Studies on accumulation of uranium by fungus <i>Lentinus sajor-caju</i> . <i>Journal of Hazardous Materials</i> , 2006, 136, 345-353.	6.5	109
22	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.	1.8	105
23	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.	1.7	105
24	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.	4.8	103
25	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.	3.8	99
26	Immobilization of β -galactosidase onto magnetic poly(GMA-MMA) beads for hydrolysis of lactose in bed reactor. <i>Catalysis Communications</i> , 2007, 8, 1094-1101.	1.6	97
27	Biosorption of phenol and 2-chlorophenol by <i>Funalia trogii</i> pellets. <i>Bioresource Technology</i> , 2009, 100, 2685-2691.	4.8	97
28	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.	6.5	97
29	Reversible immobilization of tyrosinase onto polyethyleneimine-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
30	Immobilization of lipase onto spacer-arm attached poly(GMA-HEMA-EGDMA) microspheres. <i>Food Chemistry</i> , 2005, 92, 261-268.	4.2	89
31	Covalent immobilization of chloroperoxidase onto magnetic beads: Catalytic properties and stability. <i>Biochemical Engineering Journal</i> , 2008, 38, 180-188.	1.8	89
32	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.	1.8	89
33	Characterisation of tyrosinase immobilised onto spacer-arm attached glycidyl methacrylate-based reactive microbeads. <i>Process Biochemistry</i> , 2004, 39, 2007-2017.	1.8	85
34	Ethylenediamine grafted poly(glycidylmethacrylate-co-methylmethacrylate) adsorbent for removal of chromate anions. <i>Separation and Purification Technology</i> , 2005, 45, 192-199.	3.9	82
35	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
36	Affinity dye-ligand poly(hydroxyethyl methacrylate)/chitosan composite membrane for adsorption lysozyme and kinetic properties. <i>Biochemical Engineering Journal</i> , 2003, 13, 35-42.	1.8	76

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37	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.	2.7	75
38	Separation and purification of lysozyme by Reactive Green 19 immobilised membrane affinity chromatography. <i>Food Chemistry</i> , 2005, 89, 11-18.	4.2	74
39	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.	6.5	74
40	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.	1.2	73
41	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.	1.7	72
42	Procion Brown MX-5BR attached and Lewis metals ion-immobilized poly(hydroxyethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (me) characterization. <i>Chemical Engineering Science</i> , 2002, 57, 2323-2334.	1.9	71
43	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.	1.3	69
44	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.	1.8	68
45	Immobilized lipase on micro-porous biosilica for enzymatic transesterification of algal oil. <i>Chemical Engineering Research and Design</i> , 2015, 95, 12-21.	2.7	67
46	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.	2.9	67
47	Removal of bisphenol A from aqueous medium using molecularly surface imprinted microbeads. <i>Chemosphere</i> , 2016, 150, 275-284.	4.2	66
48	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.	0.7	65
49	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.	2.3	64
50	<i>Staphylococcus aureus</i> detection in blood samples by silica nanoparticle-oligonucleotides conjugates. <i>Biosensors and Bioelectronics</i> , 2016, 86, 27-32.	5.3	64
51	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.	1.2	64
52	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.	6.6	63
53	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.	0.7	62
54	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.	2.9	59

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55	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.	2.9	58
56	Polyethyleneimine-grafted poly(hydroxyethyl methacrylate-co-glycidyl methacrylate) membranes for reversible glucose oxidase immobilization. <i>Biochemical Engineering Journal</i> , 2004, 20, 73-77.	1.8	57
57	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.	1.5	57
58	Covalent immobilization of lipase onto hydrophobic group incorporated poly(2-hydroxyethyl) Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 622	2.7	54
59	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.	4.8	53
60	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.	1.6	53
61	Preparation of poly(glycidylmethacrylate- <i>co</i> -methylmethacrylate) magnetic beads: Application in lipase immobilization. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2008, 55, 76-83.	1.8	52
62	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
63	Immobilization of catalase via adsorption on poly(styrene- <i>d</i> -glycidylmethacrylate) grafted and tetraethyldiethylenetriamine ligand attached microbeads. <i>Bioresource Technology</i> , 2011, 102, 3653-3661.	4.8	51
64	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.	2.7	51
65	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.	1.1	50
66	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.	1.7	50
67	Reversible immobilization of glucose oxidase on polyaniline grafted polyacrylonitrile conductive composite membrane. <i>Bioresource Technology</i> , 2010, 101, 6881-6887.	4.8	49
68	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.	2.7	49
69	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.	4.2	49
70	Preparation of clay- <i>co</i> -poly(glycidyl methacrylate) composite support for immobilization of cellulase. <i>Applied Clay Science</i> , 2013, 85, 88-95.	2.6	48
71	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.	2.9	47
72	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.	1.8	46

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73	Immobilization of chloroperoxidase onto highly hydrophilic polyethylene chains via bio-conjugation: Catalytic properties and stabilities. <i>Bioresource Technology</i> , 2011, 102, 475-482.	4.8	46
74	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.	0.7	46
75	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.	2.7	46
76	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.	1.8	45
77	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.	1.8	45
78	Reversible immobilization of urease onto Procion Brown MX-5BR-Ni(II) attached polyamide hollow-fibre membranes. <i>Process Biochemistry</i> , 2002, 38, 675-683.	1.8	44
79	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.	1.6	43
80	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.	2.3	43
81	Novel Hydrogel Membrane Based on Copoly(hydroxyethyl methacrylate/p-vinylbenzyl-poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Over Bioscience, 2005, 5, 983-992.	2.1	42
82	Pathogen detection by core-shell type aptamer-magnetic preconcentration coupled to real-time PCR. <i>Analytical Biochemistry</i> , 2014, 447, 119-125.	1.1	42
83	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.	2.3	41
84	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.	2.6	41
85	Immobilization of <i>Candida rugosa</i> lipase on magnetic chitosan beads and application in flavor esters synthesis. <i>Food Chemistry</i> , 2022, 366, 130699.	4.2	41
86	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.	1.3	39
87	L-Dopa synthesis using tyrosinase immobilized on magnetic beads. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009, 58, 187-193.	1.8	39
88	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.	0.7	39
89	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.	3.9	37
90	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.	1.5	37

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91	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.	2.3	36
92	Immobilization and stabilization of papain on poly(hydroxyethyl methacrylate- <i>co</i> -ethylenglycol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70 transfer radical polymerization (SI-ATRP). <i>Bioresource Technology</i> , 2011, 102, 9833-9837.	4.8	36
93	Cross-linking of horseradish peroxidase adsorbed on polycationic films: utilization for direct dye degradation. <i>Bioprocess and Biosystems Engineering</i> , 2012, 35, 1355-1365.	1.7	36
94	Immobilization of glucoamylase onto polyaniline-grafted magnetic hydrogel via adsorption and adsorption/cross-linking. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 1149-1159.	1.7	36
95	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.	1.3	35
96	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.	0.7	35
97	Immobilization of laccase on hairy polymer grafted zeolite particles: Degradation of a model dye and product analysis with MALDI- <i>co</i> -ToF-MS. <i>Microporous and Mesoporous Materials</i> , 2014, 199, 57-65.	2.2	35
98	Characterization of polyethylenimine grafted and Cibacron Blue F3GA immobilized poly(hydroxyethylmethacrylate- <i>co</i> -glycidylmethacrylate) membranes and application to bilirubin removal from human serum. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 264, 195-202.	2.3	34
99	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.	2.2	34
100	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.	2.3	33
101	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.	1.6	33
102	Magnetic Polymeric Beads Functionalized with Different Mixed-Mode Ligands for Reversible Immobilization of Trypsin. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 132-140.	1.8	32
103	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.	1.8	31
104	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.	2.7	31
105	Poly(hydroxyethyl methacrylate- <i>co</i> -glycidyl methacrylate) reactive membrane utilised for cholesterol oxidase immobilisation. <i>Polymer International</i> , 2002, 51, 1316-1322.	1.6	29
106	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.	2.3	29
107	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.	1.8	29
108	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.	1.2	28

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109	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.	1.1	28
110	Membrane with incorporated hydrophobic ligand for hydrophobic interaction with proteins: application to lipase adsorption. <i>Polymer International</i> , 2002, 51, 966-972.	1.6	27
111	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.	1.2	27
112	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.	1.2	27
113	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.	1.8	26
114	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.	2.3	26
115	Azo Dye Removal Using Free and Immobilized Fungal Biomasses: Isotherms, Kinetics and Thermodynamic Studies. <i>Fibers and Polymers</i> , 2018, 19, 877-886.	1.1	25
116	Preparation and application of spacer-arm-attached poly(hydroxyethyl methacrylate-co-glycidyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	2.0	24
117	Alcohol determination via covalent enzyme immobilization on magnetic beads. <i>Sensors and Actuators B: Chemical</i> , 2008, 128, 521-528.	4.0	24
118	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.	0.4	23
119	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.	3.8	23
120	Aminopyridine modified <i>Spirulina platensis</i> biomass for chromium(VI) adsorption in aqueous solution. <i>Water Science and Technology</i> , 2016, 74, 914-926.	1.2	23
121	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.	3.1	22
122	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.	1.2	22
123	A dye- π -ligand immobilized poly(2-hydroxyethylmethacrylate) membrane used for adsorption and isolation of immunoglobulin G. <i>Biochemical Engineering Journal</i> , 2007, 34, 147-155.	1.8	21
124	Studies of adsorption of alkaline trypsin by poly(methacrylic acid) brushes on chitosan membranes. <i>Journal of Applied Polymer Science</i> , 2008, 108, 456-465.	1.3	21
125	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.	4.2	21
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