

# Adil Denizli

## List of Publications by Year in descending order

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637  
papers

21,331  
citations

12330

69  
h-index

33894

99  
g-index

663  
all docs

663  
docs citations

663  
times ranked

11879  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dye-ligand affinity systems. <i>Journal of Proteomics</i> , 2001, 49, 391-416.	2.4	285
2	Protein recognition via ion-coordinated molecularly imprinted supermacroporous cryogels. <i>Journal of Chromatography A</i> , 2008, 1190, 18-26.	3.7	233
3	Lysine-Promoted Colorimetric Response of Gold Nanoparticles: A Simple Assay for Ultrasensitive Mercury(II) Detection. <i>Analytical Chemistry</i> , 2014, 86, 514-520.	6.5	232
4	Preconcentration of copper on ion-selective imprinted polymer microbeads. <i>Analytica Chimica Acta</i> , 2003, 480, 251-258.	5.4	225
5	Ni(II) ion-imprinted solid-phase extraction and preconcentration in aqueous solutions by packed-bed columns. <i>Analytica Chimica Acta</i> , 2004, 502, 91-97.	5.4	222
6	An Alternative Medical Diagnosis Method: Biosensors for Virus Detection. <i>Biosensors</i> , 2019, 9, 65.	4.7	201
7	Colorimetric Sensor Array Based on Gold Nanoparticles and Amino Acids for Identification of Toxic Metal Ions in Water. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 18395-18400.	8.0	184
8	Molecularly Imprinted Polymer Based Sensors for Medical Applications. <i>Sensors</i> , 2019, 19, 1279.	3.8	180
9	Entrapment of <i>Lentinus sajor-caju</i> into Ca-alginate gel beads for removal of Cd(II) ions from aqueous solution: preparation and biosorption kinetics analysis. <i>Microchemical Journal</i> , 2002, 72, 63-76.	4.5	170
10	Microcontact imprinting based surface plasmon resonance (SPR) biosensor for real-time and ultrasensitive detection of prostate specific antigen (PSA) from clinical samples. <i>Sensors and Actuators B: Chemical</i> , 2016, 224, 823-832.	7.8	170
11	Biosorption of mercury on magnetically modified yeast cells. <i>Separation and Purification Technology</i> , 2006, 52, 253-260.	7.9	156
12	Poly(ethylene glycol dimethacrylate- <i>n</i> -vinyl imidazole) beads for heavy metal removal. <i>Journal of Hazardous Materials</i> , 2004, 106, 93-99.	12.4	155
13	Biosorption of Cadmium, Lead, Mercury, and Arsenic Ions by the Fungus <i>Penicillium purpurogenum</i> . <i>Separation Science and Technology</i> , 2003, 38, 2039-2053.	2.5	151
14	Hydrolysis of sucrose by invertase immobilized onto novel magnetic polyvinylalcohol microspheres. <i>Food Chemistry</i> , 2001, 74, 281-288.	8.2	148
15	SPR nanosensor based on molecularly imprinted polymer film with gold nanoparticles for sensitive detection of aflatoxin B1. <i>Talanta</i> , 2020, 219, 121219.	5.5	139
16	Whole cell based microcontact imprinted capacitive biosensor for the detection of <i>Escherichia coli</i> . <i>Biosensors and Bioelectronics</i> , 2017, 87, 807-815.	10.1	136
17	Cr(III)-imprinted polymeric beads: Sorption and preconcentration studies. <i>Journal of Hazardous Materials</i> , 2007, 140, 110-116.	12.4	135
18	Whole cell imprinting based <i>Escherichia coli</i> sensors: A study for SPR and QCM. <i>Sensors and Actuators B: Chemical</i> , 2015, 209, 714-721.	7.8	135

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19	Quartz crystal microbalance based nanosensor for lysozyme detection with lysozyme imprinted nanoparticles. <i>Biosensors and Bioelectronics</i> , 2010, 26, 815-821.	10.1	134
20	Immobilization of glucoamylase onto spacer-arm attached magnetic poly(methylmethacrylate) microspheres: characterization and application to a continuous flow reactor. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2000, 11, 127-138.	1.8	133
21	Molecular Imprinting of Macromolecules for Sensor Applications. <i>Sensors</i> , 2017, 17, 898.	3.8	133
22	Selective Removal of Bilirubin from Human Plasma with Bilirubin-Imprinted Particles. <i>Industrial &amp; Engineering Chemistry Research</i> , 2007, 46, 2843-2852.	3.7	125
23	Reversible Immobilization of Catalase by Metal Chelate Affinity Interaction on Magnetic Beads. <i>Industrial &amp; Engineering Chemistry Research</i> , 2006, 45, 3036-3043.	3.7	109
24	Removal of Heavy Metal Ions Using the Fungus <i>Penicillium Canescens</i> . <i>Adsorption Science and Technology</i> , 2003, 21, 643-650.	3.2	108
25	Quantum dot nanocrystals having guanosine imprinted nanoshell for DNA recognition. <i>Talanta</i> , 2008, 75, 890-896.	5.5	107
26	Microcontact imprinted surface plasmon resonance sensor for myoglobin detection. <i>Materials Science and Engineering C</i> , 2013, 33, 3609-3614.	7.3	107
27	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
28	Development of surface plasmon resonance sensors based on molecularly imprinted nanofilms for sensitive and selective detection of pesticides. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 446-454.	7.8	105
29	l-Histidine Imprinted Synthetic Receptor for Biochromatography Applications. <i>Analytical Chemistry</i> , 2006, 78, 7253-7258.	6.5	104
30	Preconcentration of copper using double-imprinted polymer via solid phase extraction. <i>Analytica Chimica Acta</i> , 2006, 565, 145-151.	5.4	102
31	Rapid real-time detection of procalcitonin using a microcontact imprinted surface plasmon resonance biosensor. <i>Analyst</i> , 2013, 138, 6422.	3.5	102
32	Binding of antibodies to concanavalin A-modified monolithic cryogel. <i>Reactive and Functional Polymers</i> , 2006, 66, 1263-1271.	4.1	101
33	Poly(glycidyl methacrylate) beads embedded cryogels for pseudo-specific affinity depletion of albumin and immunoglobulin G. <i>Materials Science and Engineering C</i> , 2010, 30, 323-329.	7.3	101
34	Preparation and characterization of composite cryogels containing imidazole group and use in heavy metal removal. <i>Reactive and Functional Polymers</i> , 2011, 71, 985-993.	4.1	97
35	Removal of heavy metal ions from water by using poly(ethyleneglycol dimethacrylate-co-acrylamide) beads. <i>European Polymer Journal</i> , 2002, 38, 1443-1448.	5.4	95
36	Mercury removal from synthetic solutions using poly(2-hydroxyethylmethacrylate) gel beads modified with poly(ethyleneimine). <i>Reactive and Functional Polymers</i> , 2003, 55, 121-130.	4.1	94

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37	Bilirubin recognition via molecularly imprinted supermacroporous cryogels. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 68, 33-38.	5.0	94
38	Fab fragments imprinted SPR biosensor for real-time human immunoglobulin G detection. <i>Biosensors and Bioelectronics</i> , 2011, 28, 97-104.	10.1	94
39	Cibacron Blue F3G-A-attached monosize poly(vinyl alcohol)-coated polystyrene microspheres for specific albumin adsorption. <i>Journal of Chromatography A</i> , 1993, 634, 161-168.	3.7	92
40	Molecularly imprinted ligand-exchange recognition assay of glucose by quartz crystal microbalance. <i>Biosensors and Bioelectronics</i> , 2005, 20, 2197-2202.	10.1	92
41	Molecularly imprinted particles for lysozyme purification. <i>Materials Science and Engineering C</i> , 2007, 27, 90-99.	7.3	92
42	Supermacroporous poly(hydroxyethyl methacrylate) based cryogel with embedded bilirubin imprinted particles. <i>Reactive and Functional Polymers</i> , 2009, 69, 36-42.	4.1	92
43	Dye- $\pi$ -ligand and metal chelate poly(2-hydroxyethylmethacrylate) membranes for affinity separation of proteins. <i>Journal of Chromatography A</i> , 1998, 799, 83-91.	3.7	91
44	Highly selective ion-imprinted particles for solid-phase extraction of Pb <sup>2+</sup> ions. <i>Materials Science and Engineering C</i> , 2009, 29, 2464-2470.	7.3	91
45	Use of molecularly imprinted nanoparticles as biorecognition element on surface plasmon resonance sensor. <i>Sensors and Actuators B: Chemical</i> , 2011, 160, 791-799.	7.8	91
46	Protein A immobilized polyhydroxyethylmethacrylate beads for affinity sorption of human immunoglobulin G. <i>Biomedical Applications</i> , 1995, 668, 13-19.	1.7	89
47	Novel metal-chelate affinity sorbents for reversible use in catalase adsorption. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2004, 28, 7-14.	1.8	89
48	Production of surface plasmon resonance based assay kit for hepatitis diagnosis. <i>Biosensors and Bioelectronics</i> , 2009, 24, 2878-2884.	10.1	89
49	Preparation and characterization of magnetic polymethylmethacrylate microbeads carrying ethylene diamine for removal of Cu(II), Cd(II), Pb(II), and Hg(II) from aqueous solutions. <i>Journal of Applied Polymer Science</i> , 2000, 78, 81-89.	2.6	88
50	Removal of mercury species with dithiocarbamate-anchored polymer/organosmectite composites. <i>Journal of Hazardous Materials</i> , 2008, 150, 560-564.	12.4	88
51	Molecularly Imprinted PHEMA-Based Cryogel for Depletion of Hemoglobin from Human Blood. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 657-668.	2.2	87
52	Dithiocarbamate-incorporated monosize polystyrene microspheres for selective removal of mercury ions. <i>Reactive and Functional Polymers</i> , 2000, 44, 235-243.	4.1	86
53	Biosorption of inorganic mercury and alkylmercury species on to <i>Phanerochaete chrysosporium</i> mycelium. <i>Process Biochemistry</i> , 1999, 34, 725-730.	3.7	85
54	Removal of chlorophenols from aquatic systems using the dried and dead fungus <i>Pleurotus sajor caju</i> . <i>Bioresource Technology</i> , 2005, 96, 59-62.	9.6	85

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55	A Novel Affinity Support Material for the Separation of Immunoglobulin G from Human Plasma. <i>Macromolecular Bioscience</i> , 2002, 2, 135.	4.1	84
56	Development of molecular imprinted nanosensor for determination of tobramycin in pharmaceuticals and foods. <i>Talanta</i> , 2014, 120, 318-324.	5.5	83
57	Methacryloylamidoglutamic Acid Incorporated Porous Poly(methyl methacrylate) Beads for Heavy-Metal Removal. <i>Industrial &amp; Engineering Chemistry Research</i> , 2004, 43, 6095-6101.	3.7	82
58	Removal of heavy metal ions by dithiocarbamate-anchored polymer/organosmectite composites. <i>Applied Clay Science</i> , 2006, 31, 298-305.	5.2	81
59	Supermacroporous hydrophobic affinity cryogels for protein chromatography. <i>Biochemical Engineering Journal</i> , 2009, 43, 272-279.	3.6	79
60	Removal of phenolic compounds with nitrophenol-imprinted polymer based on $\pi$ - $\pi$ and hydrogen-bonding interactions. <i>Separation and Purification Technology</i> , 2004, 38, 173-179.	7.9	77
61	Synthesis of Phenylalanine-Containing Hydrophobic Beads for Lysozyme Adsorption. <i>Industrial &amp; Engineering Chemistry Research</i> , 2005, 44, 7049-7056.	3.7	77
62	Molecularly imprinted nanoparticles based plasmonic sensors for real-time <i>Enterococcus faecalis</i> detection. <i>Biosensors and Bioelectronics</i> , 2019, 126, 608-614.	10.1	77
63	Efficient removal of albumin from human serum by monosize dye-affinity beads. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 832, 216-223.	2.3	75
64	Invertase immobilized on spacer-arm attached poly(hydroxyethyl methacrylate) membrane: Preparation and properties. <i>Journal of Applied Polymer Science</i> , 2000, 75, 1685-1692.	2.6	74
65	Ion-Selective Imprinted Beads for Aluminum Removal from Aqueous Solutions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2006, 45, 1780-1786.	3.7	74
66	Biomedical Applications of Polymeric Cryogels. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 553.	2.5	74
67	Antibody purification with protein A attached supermacroporous poly(hydroxyethyl methacrylate) cryogel. <i>Biochemical Engineering Journal</i> , 2009, 45, 201-208.	3.6	73
68	Molecularly imprinted polymer based quartz crystal microbalance sensor system for sensitive and label-free detection of synthetic cannabinoids in urine. <i>Biosensors and Bioelectronics</i> , 2018, 111, 10-17.	10.1	73
69	Lysozyme purification with dye-affinity beads under magnetic field. <i>International Journal of Biological Macromolecules</i> , 2007, 41, 234-242.	7.5	72
70	Selective removal of $17\beta$ -estradiol with molecularly imprinted particle-embedded cryogel systems. <i>Journal of Hazardous Materials</i> , 2011, 192, 1819-1826.	12.4	72
71	Molecular imprinting based composite cryogel membranes for purification of anti-hepatitis B surface antibody by fast protein liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 889-890, 95-102.	2.3	72
72	Adsorption of heavy-metal ions on poly(ethylene imine)-immobilized poly(methyl methacrylate) microspheres. <i>Journal of Applied Polymer Science</i> , 2001, 81, 197-205.	2.6	70

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73	Affinity based and molecularly imprinted cryogels: Applications in biomacromolecule purification. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1021, 69-80.	2.3	69
74	Bilirubin removal from human plasma in a packed-bed column system with dye-affinity microbeads. <i>Biomedical Applications</i> , 1998, 707, 25-31.	1.7	68
75	Supermacroporous Composite Cryogels in Biomedical Applications. <i>Gels</i> , 2019, 5, 20.	4.5	68
76	Removal of chlorophenols from synthetic solutions using <i>Phanerochaete chrysosporium</i> . <i>Process Biochemistry</i> , 2004, 39, 2025-2030.	3.7	67
77	Real-time prostate-specific antigen detection with prostate-specific antigen imprinted capacitive biosensors. <i>Analytica Chimica Acta</i> , 2015, 891, 120-129.	5.4	67
78	Catalase adsorption onto Cibacron Blue F3GA and Fe(III)-derivatized poly(hydroxyethyl methacrylate) membranes and application to a continuous system. <i>Journal of Membrane Science</i> , 1997, 129, 65-76.	8.2	66
79	Heparin-immobilized poly(2-hydroxyethylmethacrylate)-based microspheres. <i>Journal of Applied Polymer Science</i> , 1999, 74, 655-662.	2.6	66
80	Ion-imprinted beads for molecular recognition based mercury removal from human serum. <i>International Journal of Biological Macromolecules</i> , 2007, 40, 159-166.	7.5	65
81	Reversible adsorption of lipase on novel hydrophobic nanospheres. <i>Separation and Purification Technology</i> , 2007, 58, 83-90.	7.9	65
82	Ion-imprinted supermacroporous cryogel, for in vitro removal of iron out of human plasma with beta thalassemia. <i>Separation and Purification Technology</i> , 2010, 73, 243-249.	7.9	65
83	5-Fluorouracil delivery from metal-ion mediated molecularly imprinted cryogel discs. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 126, 401-406.	5.0	65
84	Microcontact Imprinted Plasmonic Nanosensors: Powerful Tools in the Detection of <i>Salmonella paratyphi</i> . <i>Sensors</i> , 2017, 17, 1375.	3.8	65
85	DNA-immobilized polyhydroxyethylmethacrylate microbeads for affinity sorption of human immunoglobulin G and anti-DNA antibodies. <i>Biomedical Applications</i> , 1995, 666, 215-222.	1.7	63
86	L-Histidine imprinted supermacroporous cryogels for protein recognition. <i>Separation and Purification Technology</i> , 2011, 82, 28-35.	7.9	63
87	A novel magnetic adsorbent for immunoglobulin-g purification in a magnetically stabilized fluidized bed. <i>Biotechnology Progress</i> , 2004, 20, 1169-1175.	2.6	62
88	Porous poly(hydroxyethyl methacrylate) based monolith as a new adsorbent for affinity chromatography. <i>Reactive and Functional Polymers</i> , 2005, 64, 93-102.	4.1	62
89	Immobilization of catalase via adsorption onto metal-chelated affinity cryogels. <i>Process Biochemistry</i> , 2012, 47, 26-33.	3.7	62
90	Plastic antibody based surface plasmon resonance nanosensors for selective atrazine detection. <i>Materials Science and Engineering C</i> , 2017, 73, 603-610.	7.3	62

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91	Molecularly imprinted polymer based quartz crystal microbalance sensor for the clinical detection of insulin. <i>Materials Science and Engineering C</i> , 2019, 97, 730-737.	7.3	62
92	Iron removal from human plasma based on molecular recognition using imprinted beads. <i>Materials Science and Engineering C</i> , 2005, 25, 521-528.	7.3	61
93	Heparin-immobilized polyhydroxyethylmethacrylate microbeads for cholesterol removal: a preliminary report. <i>Biomedical Applications</i> , 1995, 670, 157-161.	1.7	60
94	Polyhydroxyethylmethacrylate-based magnetic DNA-affinity beads for anti-DNA antibody removal from systemic lupus erythematosus patient plasma. <i>Biomedical Applications</i> , 2001, 760, 137-148.	1.7	60
95	Selective preconcentration of thorium in the presence of UO, Ce and La using Th(IV)-imprinted polymer. <i>Talanta</i> , 2005, 67, 640-645.	5.5	60
96	Selective separation and preconcentration of cyanide by a column packed with cyanide-imprinted polymeric microbeads. <i>Separation and Purification Technology</i> , 2004, 40, 9-14.	7.9	59
97	Molecular recognition based cadmium removal from human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 811, 119-126.	2.3	59
98	Monosize poly(glycidyl methacrylate) beads for dye-affinity purification of lysozyme. <i>International Journal of Biological Macromolecules</i> , 2006, 38, 99-106.	7.5	59
99	Molecularly imprinted supermacroporous cryogels for cytochrome <i>c</i> recognition. <i>Journal of Separation Science</i> , 2011, 34, 3433-3440.	2.5	59
100	Fabrication of surface plasmon resonance nanosensor for the selective determination of erythromycin via molecular imprinted nanoparticles. <i>Talanta</i> , 2016, 150, 607-614.	5.5	59
101	Quartz crystal microbalance biosensor for label-free MDA MB 231 cancer cell detection via notch-4 receptor. <i>Talanta</i> , 2019, 204, 840-845.	5.5	59
102	Immobilization of $\alpha$ -amylase on Cu <sup>2+</sup> chelated poly(ethylene glycol dimethacrylate- <i>n</i> -vinyl imidazole) matrix via adsorption. <i>Reactive and Functional Polymers</i> , 2005, 62, 61-68.	4.1	58
103	Poly(acrylamide-allyl glycidyl ether) cryogel as a novel stationary phase in dye-affinity chromatography. <i>Journal of Applied Polymer Science</i> , 2007, 105, 1808-1816.	2.6	58
104	Hepatitis B surface antibody purification with hepatitis B surface antibody imprinted poly(hydroxyethyl methacrylate- <i>N</i> -methacryloyl- <i>l</i> -tyrosine methyl ester) particles. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 181-188.	2.3	58
105	Quartz crystal microbalance based biosensors for detecting highly metastatic breast cancer cells via their transferrin receptors. <i>Analytical Methods</i> , 2016, 8, 153-161.	2.7	58
106	Poly(hydroxyethyl methacrylate) based affinity cryogel for plasmid DNA purification. <i>International Journal of Biological Macromolecules</i> , 2011, 48, 577-582.	7.5	57
107	Selective Separation of Uranium Containing Glutamic Acid Molecular-Imprinted Polymeric Microbeads. <i>Separation Science and Technology</i> , 2003, 38, 3431-3447.	2.5	56
108	Cadmium removal out of human plasma using ion-imprinted beads in a magnetic column. <i>Materials Science and Engineering C</i> , 2009, 29, 144-152.	7.3	56

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109	Detection of cardiac troponin-I by optic biosensors with immobilized anti-cardiac troponin-I monoclonal antibody. <i>Talanta</i> , 2020, 219, 121259.	5.5	56
110	Alkali blue 6B-attached poly(EGDMA-HEMA) microbeads for removal of heavy-metal ions. <i>Reactive and Functional Polymers</i> , 1996, 29, 11-19.	4.1	55
111	Determination of inorganic and organic mercury compounds by capillary gas chromatography coupled with atomic absorption spectrometry after preconcentration on dithizone-anchored poly(ethylene glycol dimethacrylate-hydroxyethylmethacrylate) microbeads. <i>Analytica Chimica Acta</i> , 1998, 371, 177-185.	5.4	55
112	Preparation of immuno-affinity membranes for cholesterol removal from human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 772, 357-367.	2.3	55
113	Ion imprinted cryogels for selective removal of Ni(II) ions from aqueous solutions. <i>Separation and Purification Technology</i> , 2017, 179, 36-44.	7.9	55
114	Covalent immobilization of lipase onto hydrophobic group incorporated poly(2-hydroxyethyl) methacrylate beads. <i>Journal of Applied Polymer Science</i> , 2017, 134, 4505-4514.	5.2	54
115	Methacryloylamidoglutamic acid functionalized poly(2-hydroxyethyl methacrylate) beads for UO <sub>2</sub> <sup>2+</sup> removal. <i>Reactive and Functional Polymers</i> , 2004, 58, 123-130.	4.1	54
116	Binding behavior of Fe <sup>3+</sup> ions on ion-imprinted polymeric beads for analytical applications. <i>Journal of Applied Polymer Science</i> , 2006, 101, 3520-3528.	2.6	54
117	Cu(II)-incorporated, histidine-containing, magnetic-metal-complexing beads as specific sorbents for the metal chelate affinity of albumin. <i>Journal of Applied Polymer Science</i> , 2004, 93, 2669-2677.	2.6	53
118	Poly(ethylene dimethacrylate-glycidyl methacrylate) Monolith as a Stationary Phase in Dye-Affinity Chromatography. <i>Industrial &amp; Engineering Chemistry Research</i> , 2004, 43, 6507-6513.	3.7	53
119	Synthesis of cholesterol imprinted polymeric particles. <i>International Journal of Biological Macromolecules</i> , 2007, 41, 8-15.	7.5	53
120	Molecularly imprinted composite bacterial cellulose nanofibers for antibiotic release. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2019, 30, 450-461.	3.5	53
121	Immobilized metal affinity monolithic cryogels for cytochrome c purification. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 93, 29-35.	5.0	52
122	Advances in Biomimetic Systems for Molecular Recognition and Biosensing. <i>Biomimetics</i> , 2020, 5, 20.	3.3	52
123	Molecular recognition based cadmium removal from human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 811, 119-126.	2.3	51
124	Dye attached poly(hydroxyethyl methacrylate) cryogel for albumin depletion from human serum. <i>Journal of Separation Science</i> , 2012, 35, 1173-1182.	2.5	51
125	Core-shell molecularly imprinted polymer-based solid-phase microextraction fiber for ultra trace analysis of endosulfan I and II in real aqueous matrix through gas chromatography-micro electron capture detector. <i>Journal of Chromatography A</i> , 2014, 1337, 179-187.	3.7	51
126	Molecular Fingerprints of Hemoglobin on a Nanofilm Chip. <i>Sensors</i> , 2018, 18, 3016.	3.8	51



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127	Cibacron Blue F3GA-attached polyvinylbutyral microbeads as novel magnetic sorbents for removal of Cu(II), Cd(II) and Pb(II) ions. <i>Journal of Chromatography A</i> , 1998, 793, 47-56.	3.7	50
128	Ion-selective Imprinted Superporous Monolith for Cadmium Removal from Human Plasma. <i>Separation Science and Technology</i> , 2005, 40, 3167-3185.	2.5	50
129	Poly(hydroxyethyl methacrylate) nanobeads containing imidazole groups for removal of Cu(II) ions. <i>Materials Science and Engineering C</i> , 2009, 29, 2072-2078.	7.3	50
130	Rapid and sensitive detection of synthetic cannabinoids JWH-018, JWH-073 and their metabolites using molecularly imprinted polymer-coated QCM nanosensor in artificial saliva. <i>Microchemical Journal</i> , 2020, 153, 104454.	4.5	50
131	Novel metal-chelate affinity adsorbent for purification of immunoglobulin-G from human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 795, 93-103.	2.3	48
132	Synthesis of tentacle type magnetic beads as immobilized metal chelate affinity support for cytochrome c adsorption. <i>International Journal of Biological Macromolecules</i> , 2006, 38, 126-133.	7.5	48
133	Gold nanoparticles having dipicolinic acid imprinted nanoshell for <i>Bacillus cereus</i> spores recognition. <i>Applied Surface Science</i> , 2009, 256, 142-148.	6.1	48
134	Metal-complexing ligand methacryloylamidocysteine containing polymer beads for Cd(II) removal. <i>Separation and Purification Technology</i> , 2003, 30, 3-10.	7.9	47
135	Bio-Liquefaction/Solubilization of Low-Rank Turkish Lignites and Characterization of the Products. <i>Energy &amp; Fuels</i> , 2003, 17, 1068-1074.	5.1	47
136	Surface plasmon resonance aptasensor for detection of human activated protein C. <i>Talanta</i> , 2019, 194, 528-533.	5.5	47
137	Cibacron Blue F3GA and Cu(II) derived poly(2-hydroxyethylmethacrylate) membranes for lysozyme adsorption. <i>Colloids and Surfaces B: Biointerfaces</i> , 1998, 11, 113-122.	5.0	46
138	Removal of aluminium by Alizarin Yellow-attached magnetic poly(2-hydroxyethyl methacrylate) beads. <i>Reactive and Functional Polymers</i> , 2003, 55, 99-107.	4.1	46
139	Affinity-recognition-based polymeric cryogels for protein depletion studies. <i>RSC Advances</i> , 2014, 4, 31130-31141.	3.6	46
140	Molecularly imprinted surface plasmon resonance (SPR) sensor for uric acid determination. <i>Sensors and Actuators B: Chemical</i> , 2017, 251, 763-772.	7.8	46
141	Removal of Chromium(VI) Ions from Synthetic Solutions by the Fungus <i>Penicillium purpurogenum</i> . <i>Engineering in Life Sciences</i> , 2004, 4, 276-280.	3.6	45
142	Synthesis and characterization of poly(hydroxyethyl methacrylate-N-methacryloyl-(l)-glutamic acid) copolymer beads for removal of lead ions. <i>Materials Science and Engineering C</i> , 2005, 25, 448-454.	7.3	45
143	Use of magnetic poly(glycidyl methacrylate) monosize beads for the purification of lysozyme in batch system. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 853, 105-113.	2.3	45
144	Superparamagnetic nanotraps containing MIP based mimic lipase for biotransformations uses. <i>Journal of Nanoparticle Research</i> , 2011, 13, 2073-2079.	1.9	45

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145	A disposable microfluidic-integrated hand-held plasmonic platform for protein detection. <i>Applied Materials Today</i> , 2020, 18, 100478.	4.3	45
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149	Molecularly imprinted poly(hydroxyethyl methacrylate) based cryogel for albumin depletion from human serum. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 109, 259-265.	5.0	44
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151	Pathogenic antibody removal using magnetically stabilized fluidized bed. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 826, 50-57.	2.3	43
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161	Combining molecular imprinted nanoparticles with surface plasmon resonance nanosensor for chloramphenicol detection in honey. <i>Journal of Applied Polymer Science</i> , 2013, 129, 2273-2279.	2.6	41
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