

# Md. Rabiul Awual

## List of Publications by Year in descending order

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143  
papers

26,180  
citations

996

114  
h-index

9090

144  
g-index

144  
all docs

144  
docs citations

144  
times ranked

7902  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional novel ligand based palladium(II) separation and recovery from e-waste using solvent-ligand approach. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 632, 127767.	2.3	29
2	Generation of novel n-p-n (CeO <sub>2</sub> -PPy-ZnO) heterojunction for photocatalytic degradation of micro-organic pollutants. <i>Environmental Pollution</i> , 2022, 292, 118375.	3.7	62
3	Sustainable toxic dyes removal with advanced materials for clean water production: A comprehensive review. <i>Journal of Cleaner Production</i> , 2022, 332, 130039.	4.6	159
4	Highly effective agro-waste based functional green adsorbents for toxic chromium(VI) ion removal from wastewater. <i>Journal of Molecular Liquids</i> , 2022, 347, 118327.	2.3	51
5	The Utilization of Algae and Seaweed Biomass for Bioremediation of Heavy Metal-Contaminated Wastewater. <i>Molecules</i> , 2022, 27, 1275.	1.7	89
6	Efficient cesium encapsulation from contaminated water by cellulosic biomass based activated wood charcoal. <i>Chemosphere</i> , 2021, 262, 127801.	4.2	169
7	Assessing of cesium removal from wastewater using functionalized wood cellulosic adsorbent. <i>Chemosphere</i> , 2021, 270, 128668.	4.2	178
8	Integrated pre-treatment stage of biosorbent "sonication for mixed brewery and restaurant effluents to enhance the photo-fermentative hydrogen production. <i>Biomass and Bioenergy</i> , 2021, 144, 105899.	2.9	61
9	Natural biodegradable polymeric bioadsorbents for efficient cationic dye encapsulation from wastewater. <i>Journal of Molecular Liquids</i> , 2021, 323, 114587.	2.3	218
10	Efficient encapsulation of toxic dyes from wastewater using several biodegradable natural polymers and their composites. <i>Journal of Cleaner Production</i> , 2021, 291, 125920.	4.6	167
11	A snapshot of coal-fired power generation in Bangladesh: A demand-supply outlook. <i>Natural Resources Forum</i> , 2021, 45, 157-182.	1.8	43
12	Temporal assessment of heavy metal concentration and surface water quality representing the public health evaluation from the Meghna River estuary, Bangladesh. <i>Applied Water Science</i> , 2021, 11, 1.	2.8	39
13	Utilizing an alternative composite material for effective copper(II) ion capturing from wastewater. <i>Journal of Molecular Liquids</i> , 2021, 336, 116325.	2.3	177
14	Advances in physicochemical and biotechnological approaches for sustainable metal recovery from e-waste: A critical review. <i>Journal of Cleaner Production</i> , 2021, 323, 129015.	4.6	50
15	Introducing the novel composite photocatalysts to boost the performance of hydrogen (H <sub>2</sub> ) production. <i>Journal of Cleaner Production</i> , 2021, 313, 127909.	4.6	57
16	Sustainable detection and capturing of cerium(III) using ligand embedded solid-state conjugate adsorbent. <i>Journal of Molecular Liquids</i> , 2021, 338, 116667.	2.3	179
17	Improving valuable metal ions capturing from spent Li-ion batteries with novel materials and approaches. <i>Journal of Molecular Liquids</i> , 2021, 338, 116703.	2.3	50
18	Towards the robust hydrogen (H <sub>2</sub> ) fuel production with niobium complexes-A review. <i>Journal of Cleaner Production</i> , 2021, 318, 128439.	4.6	50

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19	Energy challenges for a clean environment: Bangladesh's experience. <i>Energy Reports</i> , 2021, 7, 3373-3389.	2.5	51
20	Functionalized layered double hydroxides composite bio-adsorbent for efficient copper(II) ion encapsulation from wastewater. <i>Journal of Environmental Management</i> , 2021, 300, 113782.	3.8	57
21	Step towards the sustainable toxic dyes removal and recycling from aqueous solution- A comprehensive review. <i>Resources, Conservation and Recycling</i> , 2021, 175, 105849.	5.3	152
22	Sustainable approach for wastewater treatment using microbial fuel cells and green energy generation – A comprehensive review. <i>Journal of Molecular Liquids</i> , 2021, 344, 117795.	2.3	65
23	Assessment of clean H <sub>2</sub> energy production from water using novel silicon photocatalyst. <i>Journal of Cleaner Production</i> , 2020, 244, 118805.	4.6	148
24	Advances in sustainable approaches to recover metals from e-waste-A review. <i>Journal of Cleaner Production</i> , 2020, 244, 118815.	4.6	290
25	Efficient Hg(II) ionic probe development based on one-step synthesized diethyl thieno[2,3-b]thiophene-2,5-dicarboxylate (DETTDC2) onto glassy carbon electrode. <i>Microchemical Journal</i> , 2020, 152, 104291.	2.3	66
26	Pollutants inducing epigenetic changes and diseases. <i>Environmental Chemistry Letters</i> , 2020, 18, 325-343.	8.3	81
27	Optimization of an innovative composited material for effective monitoring and removal of cobalt(II) from wastewater. <i>Journal of Molecular Liquids</i> , 2020, 298, 112035.	2.3	194
28	Naked-eye lead(II) capturing from contaminated water using innovative large-pore facial composite materials. <i>Microchemical Journal</i> , 2020, 154, 104585.	2.3	195
29	A novel and potential chemical sensor for effective monitoring of Fe(II) ion in corrosion systems of water samples. <i>Microchemical Journal</i> , 2020, 154, 104578.	2.3	44
30	A mechanistic approach of chromium (VI) adsorption onto manganese oxides and boehmite. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103515.	3.3	127
31	Development of synthetic zeolites from bio-slag for cesium adsorption: Kinetic, isotherm and thermodynamic studies. <i>Journal of Water Process Engineering</i> , 2020, 33, 101055.	2.6	178
32	Ligand based sustainable composite material for sensitive nickel(II) capturing in aqueous media. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103591.	3.3	161
33	Biodegradable natural carbohydrate polymeric sustainable adsorbents for efficient toxic dye removal from wastewater. <i>Journal of Molecular Liquids</i> , 2020, 319, 114356.	2.3	155
34	Novel and potential chemical sensors for Au(III) ion detection and recovery in electric waste samples. <i>Microchemical Journal</i> , 2020, 158, 105312.	2.3	52
35	Current treatment technologies and mechanisms for removal of indigo carmine dyes from wastewater: A review. <i>Journal of Molecular Liquids</i> , 2020, 318, 114061.	2.3	210
36	One-step facile synthesis of SnO <sub>2</sub> @Nd <sub>2</sub> O <sub>3</sub> nanocomposites for selective amidol detection in aqueous phase. <i>New Journal of Chemistry</i> , 2020, 44, 4952-4959.	1.4	41

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37	Ultrathin Assembles of Porous Array for Enhanced H <sub>2</sub> Evolution. Scientific Reports, 2020, 10, 2324.	1.6	75
38	Improving cesium removal to clean-up the contaminated water using modified conjugate material. Journal of Environmental Chemical Engineering, 2020, 8, 103684.	3.3	181
39	Fabrication of selective l-glutamic acid sensor in electrochemical technique from wet-chemically prepared RuO <sub>2</sub> doped ZnO nanoparticles. Materials Chemistry and Physics, 2020, 251, 123029.	2.0	70
40	Improving the hydrogen production from water over MgO promoted Ni@Si/CNTs photocatalyst. Journal of Cleaner Production, 2019, 238, 117887.	4.6	158
41	A review on nickel(II) adsorption in single and binary component systems and future path. Journal of Environmental Chemical Engineering, 2019, 7, 103305.	3.3	163
42	Adsorption of textile dye using para-aminobenzoic acid modified activated carbon: Kinetic and equilibrium studies. Journal of Molecular Liquids, 2019, 296, 112075.	2.3	168
43	A facile composite material for enhanced cadmium(II) ion capturing from wastewater. Journal of Environmental Chemical Engineering, 2019, 7, 103378.	3.3	266
44	A ligand-based conjugate solid sensor for colorimetric ultra-trace gold(III) detection in urban mining waste. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 581, 123842.	2.3	44
45	A ligand based innovative composite material for selective lead(II) capturing from wastewater. Journal of Molecular Liquids, 2019, 294, 111679.	2.3	274
46	Assessment of enhanced nitrite removal and monitoring using ligand modified stable conjugate materials. Chemical Engineering Journal, 2019, 363, 64-72.	6.6	181
47	Detection of uric acid based on doped ZnO/Ag <sub>2</sub> O/Co <sub>3</sub> O <sub>4</sub> nanoparticle loaded glassy carbon electrode. New Journal of Chemistry, 2019, 43, 8651-8659.	1.4	148
48	A ligand-anchored optical composite material for efficient vanadium(V) adsorption and detection in wastewater. New Journal of Chemistry, 2019, 43, 10324-10335.	1.4	55
49	Arsenic sensor development based on modification with (E)-N-(2-nitrobenzylidene)-benzenesulfonohydrazide: a real sample analysis. New Journal of Chemistry, 2019, 43, 9066-9075.	1.4	148
50	Novel ligand functionalized composite material for efficient copper(II) capturing from wastewater sample. Composites Part B: Engineering, 2019, 172, 387-396.	5.9	275
51	Investigation of novel nanomaterial for the removal of toxic substances from contaminated water. RSC Advances, 2019, 9, 14167-14175.	1.7	66
52	Cleaning the arsenic(V) contaminated water for safe-guarding the public health using novel composite material. Composites Part B: Engineering, 2019, 171, 294-301.	5.9	228
53	Offering an innovative composited material for effective lead(II) monitoring and removal from polluted water. Journal of Cleaner Production, 2019, 231, 214-223.	4.6	231
54	Mesoporous composite material for efficient lead(II) detection and removal from aqueous media. Journal of Environmental Chemical Engineering, 2019, 7, 103124.	3.3	121

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55	Efficient phosphate removal from water for controlling eutrophication using novel composite adsorbent. <i>Journal of Cleaner Production</i> , 2019, 228, 1311-1319.	4.6	326
56	Efficient toxic nitrite monitoring and removal from aqueous media with ligand based conjugate materials. <i>Journal of Molecular Liquids</i> , 2019, 285, 20-26.	2.3	165
57	Introducing an amine functionalized novel conjugate material for toxic nitrite detection and adsorption from wastewater. <i>Journal of Cleaner Production</i> , 2019, 228, 778-785.	4.6	223
58	Nano-composite multi-wall carbon nanotubes using poly(p-phenylene terephthalamide) for enhanced electric conductivity. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103002.	3.3	132
59	Novel optical composite material for efficient vanadium(III) capturing from wastewater. <i>Journal of Molecular Liquids</i> , 2019, 283, 704-712.	2.3	182
60	Introducing an alternate conjugated material for enhanced lead(II) capturing from wastewater. <i>Journal of Cleaner Production</i> , 2019, 224, 920-929.	4.6	211
61	Innovative composite material for efficient and highly selective Pb(II) ion capturing from wastewater. <i>Journal of Molecular Liquids</i> , 2019, 284, 502-510.	2.3	268
62	Novel conjugated hybrid material for efficient lead(II) capturing from contaminated wastewater. <i>Materials Science and Engineering C</i> , 2019, 101, 686-695.	3.8	241
63	An efficient composite material for selective lead(II) monitoring and removal from wastewater. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103087.	3.3	123
64	Novel composite material for selective copper(II) detection and removal from aqueous media. <i>Journal of Molecular Liquids</i> , 2019, 283, 772-780.	2.3	245
65	One-step wet-chemical synthesis of ternary ZnO/CuO/Co <sub>3</sub> O <sub>4</sub> nanoparticles for sensitive and selective melamine sensor development. <i>New Journal of Chemistry</i> , 2019, 43, 4849-4858.	1.4	149
66	Development of 3-methoxyaniline sensor probe based on thin Ag <sub>2</sub> O@La <sub>2</sub> O <sub>3</sub> nanosheets for environmental safety. <i>New Journal of Chemistry</i> , 2019, 43, 4620-4632.	1.4	130
67	Efficient biodiesel production from <i>Jatropha curcus</i> using CaSO <sub>4</sub> /Fe <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> core-shell magnetic nanoparticles. <i>Journal of Cleaner Production</i> , 2019, 208, 816-826.	4.6	222
68	Composite nanofibers membranes of poly(vinyl alcohol)/chitosan for selective lead(II) and cadmium(II) ions removal from wastewater. <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 479-486.	2.9	217
69	Efficient detection and adsorption of cadmium(II) ions using innovative nano-composite materials. <i>Chemical Engineering Journal</i> , 2018, 343, 118-127.	6.6	363
70	Visual nickel(II) ions treatment in petroleum samples using a mesoporous composite adsorbent. <i>Chemical Engineering Journal</i> , 2018, 334, 957-967.	6.6	170
71	A ligand anchored conjugate adsorbent for effective mercury(II) detection and removal from aqueous media. <i>Chemical Engineering Journal</i> , 2018, 334, 432-443.	6.6	278
72	Novel hierarchical composite adsorbent for selective lead(II) ions capturing from wastewater samples. <i>Chemical Engineering Journal</i> , 2018, 332, 377-386.	6.6	201

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73	Synthesis a novel multilamellar mesoporous TiO <sub>2</sub> /ZSM-5 for photo-catalytic degradation of methyl orange dye in aqueous media. Journal of Environmental Chemical Engineering, 2018, 6, 218-227.	3.3	235
74	Novel nano-conjugate materials for effective arsenic(V) and phosphate capturing in aqueous media. Chemical Engineering Journal, 2018, 331, 54-63.	6.6	185
75	4-Hexylresorcinol sensor development based on wet-chemically prepared Co <sub>3</sub> O <sub>4</sub> @Er <sub>2</sub> O <sub>3</sub> nanorods: A practical approach. Journal of Industrial and Engineering Chemistry, 2018, 66, 446-455.	2.9	140
76	Trace electrochemical detection of Ni <sup>2+</sup> ions with bidentate N,N- $\epsilon$ -(ethane-1,2-diyl)bis(3,4-dimethoxybenzenesulfonamide) [EDBDMBS] as a chelating agent. Inorganica Chimica Acta, 2017, 464, 157-166.	1.2	135
77	Inorganic-organic based novel nano-conjugate material for effective cobalt(II) ions capturing from wastewater. Chemical Engineering Journal, 2017, 324, 130-139.	6.6	265
78	Ligand field effect for Dysprosium(III) and Lutetium(III) adsorption and EXAFS coordination with novel composite nanomaterials. Chemical Engineering Journal, 2017, 320, 427-435.	6.6	256
79	Fabrication of 4-aminophenol sensor based on hydrothermally prepared ZnO/Yb <sub>2</sub> O <sub>3</sub> nanosheets. New Journal of Chemistry, 2017, 41, 9159-9169.	1.4	139
80	Fabrication of cadmium ionic sensor based on (E)-4-Methyl-N- $\epsilon$ -(1-(pyridin-2-yl)ethylidene)benzenesulfonylhydrazide (MPEBSH) by electrochemical approach. Journal of Organometallic Chemistry, 2017, 827, 49-55.	0.8	134
81	New type mesoporous conjugate material for selective optical copper(II) ions monitoring & removal from polluted waters. Chemical Engineering Journal, 2017, 307, 85-94.	6.6	407
82	Novel nanocomposite materials for efficient and selective mercury ions capturing from wastewater. Chemical Engineering Journal, 2017, 307, 456-465.	6.6	394
83	Solid phase sensitive palladium(II) ions detection and recovery using ligand based efficient conjugate nanomaterials. Chemical Engineering Journal, 2016, 300, 264-272.	6.6	315
84	Non-enzymatic simultaneous detection of L-glutamic acid and uric acid using mesoporous Co <sub>3</sub> O <sub>4</sub> nanosheets. RSC Advances, 2016, 6, 80511-80521.	1.7	148
85	Ring size dependent crown ether based mesoporous adsorbent for high cesium adsorption from wastewater. Chemical Engineering Journal, 2016, 303, 539-546.	6.6	331
86	Water Purification Using Cost Effective Material Prepared from Agricultural Waste: Kinetics, Isotherms, and Thermodynamic Studies. Clean - Soil, Air, Water, 2016, 44, 1036-1045.	0.7	43
87	Bromate removal from water samples using strongly basic anion exchange resin Amberlite IRA-400: kinetics, isotherms and thermodynamic studies. Desalination and Water Treatment, 2016, 57, 5781-5788.	1.0	60
88	Treatment of copper(II) containing wastewater by a newly developed ligand based facial conjugate materials. Chemical Engineering Journal, 2016, 288, 368-376.	6.6	341
89	Encapsulation of cesium from contaminated water with highly selective facial organic-inorganic mesoporous hybrid adsorbent. Chemical Engineering Journal, 2016, 291, 128-137.	6.6	234
90	Facile mercury detection and removal from aqueous media involving ligand impregnated conjugate nanomaterials. Chemical Engineering Journal, 2016, 290, 243-251.	6.6	320

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91	Assessing of lead(III) capturing from contaminated wastewater using ligand doped conjugate adsorbent. <i>Chemical Engineering Journal</i> , 2016, 289, 65-73.	6.6	353
92	Adsorption of rose Bengal dye from aqueous solution by amberlite Ira-938 resin: kinetics, isotherms, and thermodynamic studies. <i>Desalination and Water Treatment</i> , 2016, 57, 13527-13533.	1.0	179
93	A Reliable Hybrid Adsorbent for Efficient Radioactive Cesium Accumulation from Contaminated Wastewater. <i>Scientific Reports</i> , 2016, 6, 19937.	1.6	177
94	Schiff based ligand containing nano-composite adsorbent for optical copper(II) ions removal from aqueous solutions. <i>Chemical Engineering Journal</i> , 2015, 279, 639-647.	6.6	246
95	Synthesis of sodium dodecyl sulfate-supported nanocomposite cation exchanger: removal and recovery of Cu <sup>2+</sup> from synthetic, pharmaceutical and alloy samples. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 1677-1686.	1.2	50
96	Investigation of ligand immobilized nano-composite adsorbent for efficient cerium(III) detection and recovery. <i>Chemical Engineering Journal</i> , 2015, 265, 210-218.	6.6	271
97	A novel facial composite adsorbent for enhanced copper(II) detection and removal from wastewater. <i>Chemical Engineering Journal</i> , 2015, 266, 368-375.	6.6	643
98	Ultimate selenium(IV) monitoring and removal from water using a new class of organic ligand based composite adsorbent. <i>Journal of Hazardous Materials</i> , 2015, 291, 111-119.	6.5	250
99	Functional ligand anchored nanomaterial based facial adsorbent for cobalt(II) detection and removal from water samples. <i>Chemical Engineering Journal</i> , 2015, 271, 155-163.	6.6	230
100	A sensitive ligand embedded nano-conjugate adsorbent for effective cobalt(II) ions capturing from contaminated water. <i>Chemical Engineering Journal</i> , 2015, 276, 1-10.	6.6	187
101	Adsorption kinetics, isotherms, and thermodynamic studies for the adsorption of Pb <sup>2+</sup> and Hg <sup>2+</sup> metal ions from aqueous medium using Ti(IV) iodovanadate cation exchanger. <i>Ionics</i> , 2015, 21, 2237-2245.	1.2	248
102	Large-pore diameter nano-adsorbent and its application for rapid lead(II) detection and removal from aqueous media. <i>Chemical Engineering Journal</i> , 2015, 273, 286-295.	6.6	304
103	Preparation of new class composite adsorbent for enhanced palladium(II) detection and recovery. <i>Sensors and Actuators B: Chemical</i> , 2015, 209, 790-797.	4.0	159
104	Efficient selenium(IV) detection and removal from water by tailor-made novel conjugate adsorbent. <i>Sensors and Actuators B: Chemical</i> , 2015, 209, 194-202.	4.0	225
105	Fine-tuning mesoporous adsorbent for simultaneous ultra-trace palladium(II) detection, separation and recovery. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 21, 507-515.	2.9	201
106	Simultaneous ultra-trace palladium(II) detection and recovery from wastewater using new class meso-adsorbent. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 21, 405-413.	2.9	141
107	Colorimetric detection and removal of copper(II) ions from wastewater samples using tailor-made composite adsorbent. <i>Sensors and Actuators B: Chemical</i> , 2015, 206, 692-700.	4.0	232
108	Organic-inorganic based nano-conjugate adsorbent for selective palladium(II) detection, separation and recovery. <i>Chemical Engineering Journal</i> , 2015, 259, 611-619.	6.6	268

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109	Efficient detection and extraction of cobalt(II) from lithium ion batteries and wastewater by novel composite adsorbent. <i>Sensors and Actuators B: Chemical</i> , 2014, 191, 9-18.	4.0	155
110	Radioactive cesium removal from nuclear wastewater by novel inorganic and conjugate adsorbents. <i>Chemical Engineering Journal</i> , 2014, 242, 127-135.	6.6	351
111	Selective cesium removal from radioactive liquid waste by crown ether immobilized new class conjugate adsorbent. <i>Journal of Hazardous Materials</i> , 2014, 278, 227-235.	6.5	323
112	Functionalized novel mesoporous adsorbent for selective lead(II) ions monitoring and removal from wastewater. <i>Sensors and Actuators B: Chemical</i> , 2014, 203, 854-863.	4.0	171
113	Efficient gold(III) detection, separation and recovery from urban mining waste using a facial conjugate adsorbent. <i>Sensors and Actuators B: Chemical</i> , 2014, 196, 457-466.	4.0	136
114	Mesoporous silica based novel conjugate adsorbent for efficient selenium(IV) detection and removal from water. <i>Microporous and Mesoporous Materials</i> , 2014, 197, 331-338.	2.2	185
115	A novel ligand based dual conjugate adsorbent for cobalt(II) and copper(II) ions capturing from water. <i>Sensors and Actuators B: Chemical</i> , 2014, 203, 71-80.	4.0	178
116	Preparing of novel fibrous ligand exchange adsorbent for rapid column-mode trace phosphate removal from water. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 2840-2847.	2.9	158
117	Investigation of potential conjugate adsorbent for efficient ultra-trace gold(III) detection and recovery. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 3493-3501.	2.9	138
118	Ultra-trace copper(II) detection and removal from wastewater using novel meso-adsorbent. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 2332-2340.	2.9	191
119	pH dependent Cu(II) and Pd(II) ions detection and removal from aqueous media by an efficient mesoporous adsorbent. <i>Chemical Engineering Journal</i> , 2014, 236, 100-109.	6.6	349
120	A novel fine-tuning mesoporous adsorbent for simultaneous lead(II) detection and removal from wastewater. <i>Sensors and Actuators B: Chemical</i> , 2014, 202, 395-403.	4.0	177
121	Novel conjugate adsorbent for visual detection and removal of toxic lead(II) ions from water. <i>Microporous and Mesoporous Materials</i> , 2014, 196, 261-269.	2.2	230
122	Copper(II) ions capturing from water using ligand modified a new type mesoporous adsorbent. <i>Chemical Engineering Journal</i> , 2013, 221, 322-330.	6.6	304
123	Design a novel optical adsorbent for simultaneous ultra-trace cerium(III) detection, sorption and recovery. <i>Chemical Engineering Journal</i> , 2013, 228, 327-335.	6.6	259
124	Rapid recognition and recovery of gold(III) with functional ligand immobilized novel mesoporous adsorbent. <i>Microchemical Journal</i> , 2013, 110, 591-598.	2.3	147
125	Simultaneous optical detection and extraction of cobalt(II) from lithium ion batteries using nanocollector monoliths. <i>Sensors and Actuators B: Chemical</i> , 2013, 176, 1015-1025.	4.0	146
126	Evaluating of arsenic(V) removal from water by weak-base anion exchange adsorbents. <i>Environmental Science and Pollution Research</i> , 2013, 20, 421-430.	2.7	175



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127	Rapid sensing and recovery of palladium(II) using N,N-bis(salicylidene)1,2-bis(2-aminophenylthio)ethane modified sensor ensemble adsorbent. <i>Sensors and Actuators B: Chemical</i> , 2013, 183, 332-341.	4.0	150
128	Investigation of palladium(II) detection and recovery using ligand modified conjugate adsorbent. <i>Chemical Engineering Journal</i> , 2013, 222, 172-179.	6.6	161
129	Evaluation of lanthanide sorption and their coordination mechanism by EXAFS measurement using novel hybrid adsorbent. <i>Chemical Engineering Journal</i> , 2013, 225, 558-566.	6.6	199
130	Trace copper(II) ions detection and removal from water using novel ligand modified composite adsorbent. <i>Chemical Engineering Journal</i> , 2013, 222, 67-76.	6.6	312
131	Selective lanthanide sorption and mechanism using novel hybrid Lewis base (N-methyl-N-phenyl-1,10-phenanthroline-2-carboxamide) ligand modified adsorbent. <i>Journal of Hazardous Materials</i> , 2013, 252-253, 313-320.	6.5	166
132	Mesoporous aluminosilica sensors for the visual removal and detection of Pd(II) and Cu(II) ions. <i>Microporous and Mesoporous Materials</i> , 2013, 166, 195-205.	2.2	143
133	Efficient arsenic(V) removal from water by ligand exchange fibrous adsorbent. <i>Water Research</i> , 2012, 46, 5541-5550.	5.3	213
134	Optical mesosensors for monitoring and removal of ultra-trace concentration of Zn(ii) and Cu(ii) ions from water. <i>Analyst, The</i> , 2012, 137, 5278.	1.7	140
135	Enhanced trace phosphate removal from water by zirconium(IV) loaded fibrous adsorbent. <i>Water Research</i> , 2011, 45, 4592-4600.	5.3	277
136	Removal of trace arsenic(V) and phosphate from water by a highly selective ligand exchange adsorbent. <i>Journal of Environmental Sciences</i> , 2011, 23, 1947-1954.	3.2	177
137	Assessing of phosphorus removal by polymeric anion exchangers. <i>Desalination</i> , 2011, 281, 111-117.	4.0	221
138	Large three-dimensional mesopore pores tailoring silica nanotubes as membrane filters: nanofiltration and permeation flux of proteins. <i>Journal of Materials Chemistry</i> , 2011, 21, 5593.	6.7	150
139	A weak-base fibrous anion exchanger effective for rapid phosphate removal from water. <i>Journal of Hazardous Materials</i> , 2011, 188, 164-171.	6.5	217
140	Efficient adsorbents of nanoporous aluminosilicate monoliths for organic dyes from aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2011, 359, 9-18.	5.0	173
141	Rapid column-mode removal of arsenate from water by crosslinked poly(allylamine) resin. <i>Water Research</i> , 2009, 43, 1229-1236.	5.3	177
142	Arsenate removal from water by a weak-base anion exchange fibrous adsorbent. <i>Water Research</i> , 2008, 42, 689-696.	5.3	233
143	Effect of Inorganic Salts on Ternary Equilibrium Data of Propionic Acid-Water-Solvents Systems. <i>Journal of Applied Sciences</i> , 2007, 7, 1053-1060.	0.1	58