Jia-Xing Li

List of Publications by Year
in descending order

		6613	10734
180	19,954	79	138
papers	citations	h-index	g-index

195	195	195	16727
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Few-Layered Graphene Oxide Nanosheets As Superior Sorbents for Heavy Metal Ion Pollution Management. Environmental Science & Technology, 2011, 45, 10454-10462.	10.0	1,594
2	Sulfonated Graphene for Persistent Aromatic Pollutant Management. Advanced Materials, 2011, 23, 3959-3963.	21.0	648
3	Removal of Pb(ii) ions from aqueous solutions on few-layered graphene oxide nanosheets. Dalton Transactions, 2011, 40, 10945.	3.3	488
4	Removal of Cu(II) and Fulvic Acid by Graphene Oxide Nanosheets Decorated with Fe₃O₄ Nanoparticles. ACS Applied Materials & Interfaces, 2012, 4, 4991-5000.	8.0	473
5	Adsorption behavior of multiwall carbon nanotube/iron oxide magnetic composites for Ni(II) and Sr(II). Journal of Hazardous Materials, 2009, 164, 923-928.	12.4	439
6	Synthesis of amidoxime-functionalized Fe3O4@SiO2 coreâ€“shell magnetic microspheres for highly efficient sorption of U(VI). Chemical Engineering Journal, 2014, 235, 275-283.	12.7	431
7	Adsorption of Ni(II) on oxidized multi-walled carbon nanotubes: Effect of contact time, pH, foreign ions and PAA. Journal of Hazardous Materials, 2009, 166, 109-116.	12.4	394
8	In Situ Ion Exchange Synthesis of Strongly Coupled Ag@AgCl/g-C₃N₄ Porous Nanosheets as Plasmonic Photocatalyst for Highly Efficient Visible-Light Photocatalysis. ACS Applied Materials & Interfaces, 2014, 6, 22116-22125.	8.0	393
9	Plasma Induced Grafting Carboxymethyl Cellulose on Multiwalled Carbon Nanotubes for the Removal of UO₂²⁺ from Aqueous Solution. Journal of Physical Chemistry B, 2009, 113, 860-864.	2.6	351
10	Sorption of Eu(III) on Attapulgite Studied by Batch, XPS, and EXAFS Techniques. Environmental Science & Technology, 2009, 43, 5776-5782.	10.0	308
11	Graphene oxide-iron oxide and reduced graphene oxide-iron oxide hybrid materials for the removal of organic and inorganic pollutants. RSC Advances, 2012, 2, 8821.	3.6	300
12	Polymer nanodots of graphitic carbon nitride as effective fluorescent probes for the detection of Fe3+ and Cu2+ ions. Nanoscale, 2014, 6, 4157.	5.6	295
13	In Situ Synthesis of Water-Soluble Magnetic Graphitic Carbon Nitride Photocatalyst and Its Synergistic Catalytic Performance. ACS Applied Materials & Interfaces, 2013, 5, 12735-12743.	8.0	290
14	Strongly Coupled gâ€₃N₄ Nanosheetsâ€Co₃O₄ Quantum Dots as 2D/0D Heterostructure Composite for Peroxymonosulfate Activation. Small, 2018, 14, e1801353.	10.0	284
15	Adsorption of copper(II) on multiwalled carbon nanotubes in the absence and presence of humic or fulvic acids. Journal of Hazardous Materials, 2010, 178, 333-340.	12.4	272
16	Coagulation Behavior of Graphene Oxide on Nanocrystallined Mg/Al Layered Double Hydroxides: Batch Experimental and Theoretical Calculation Study. Environmental Science & Technology, 2016, 50, 3658-3667.	10.0	270
17	Adsorption of Pb(II) on diatomite as affected via aqueous solution chemistry and temperature. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 339, 159-166.	4.7	267
18	Plasma-Induced Grafting of Cyclodextrin onto Multiwall Carbon Nanotube/Iron Oxides for Adsorbent Application. Journal of Physical Chemistry B, 2010, 114, 6779-6785.	2.6	267

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19	PANI/GO as a super adsorbent for the selective adsorption of uranium(VI). Chemical Engineering Journal, 2014, 255, 604-612.	12.7	267
20	Porous magnetic carbon sheets from biomass as an adsorbent for the fast removal of organic pollutants from aqueous solution. Journal of Materials Chemistry A, 2014, 2, 4391-4397.	10.3	262
21	Synthesis of novel nanomaterials and their application in efficient removal of radionuclides. Science China Chemistry, 2019, 62, 933-967.	8.2	256
22	Formation of Fe₃O₄@MnO₂ ball-in-ball hollow spheres as a high performance catalyst with enhanced catalytic performances. Journal of Materials Chemistry A, 2016, 4, 1414-1422.	10.3	248
23	Kinetics and thermodynamics of adsorption of ionizable aromatic compounds from aqueous solutions by as-prepared and oxidized multiwalled carbon nanotubes. Journal of Hazardous Materials, 2010, 178, 505-516.	12.4	247
24	Rationally designed 1D Ag@AgVO₃ nanowire/graphene/protonated g-C₃N₄ nanosheet heterojunctions for enhanced photocatalysis via electrostatic self-assembly and photochemical reduction methods. Journal of Materials Chemistry A, 2015, 3, 10119-10126.	10.3	233
25	Kinetic and thermodynamic study of 1-naphthol adsorption from aqueous solution to sulfonated graphene nanosheets. Chemical Engineering Journal, 2011, 173, 185-190.	12.7	221
26	Sorption of copper(II) onto super-adsorbent of bentoniteâ€“polyacrylamide composites. Journal of Hazardous Materials, 2010, 173, 661-668.	12.4	215
27	Cotton derived carbonaceous aerogels for the efficient removal of organic pollutants and heavy metal ions. Journal of Materials Chemistry A, 2015, 3, 6073-6081.	10.3	205
28	Sorption of Ni(II) on GMZ bentonite: Effects of pH, ionic strength, foreign ions, humic acid and temperature. Applied Radiation and Isotopes, 2009, 67, 1600-1608.	1.5	197
29	Synthesizing MnO₂nanosheets from graphene oxide templates for high performance pseudosupercapacitors. Chemical Science, 2012, 3, 433-437.	7.4	194
30	Comparative study of graphene oxide, activated carbon and carbon nanotubes as adsorbents for copper decontamination. Dalton Transactions, 2013, 42, 5266.	3.3	188
31	Adsorption of Eu(III) onto TiO2: Effect of pH, concentration, ionic strength and soil fulvic acid. Journal of Hazardous Materials, 2009, 168, 458-465.	12.4	183
32	Construction of dual defect mediated Z-scheme photocatalysts for enhanced photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2019, 245, 399-409.	20.2	174
33	Removal of Eu(III) from aqueous solution using ZSM-5 zeolite. Microporous and Mesoporous Materials, 2009, 123, 1-9.	4.4	170
34	Effect of pH, ionic strength, foreign ions and temperature on the adsorption of Cu(II) from aqueous solution to GMZ bentonite. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 349, 195-201.	4.7	169
35	High performance of phosphate-functionalized graphene oxide for the selective adsorption of U(VI) from acidic solution. Journal of Nuclear Materials, 2015, 466, 56-64.	2.7	163
36	Adsorption of naphthalene and its derivatives on magnetic graphene composites and the mechanism investigation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 422, 118-125.	4.7	160

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37	Ultrathin g-C₃N₄ nanosheets coupled with amorphous Cu-doped FeOOH nanoclusters as 2D/0D heterogeneous catalysts for water remediation. Environmental Science: Nano, 2018, 5, 1179-1190.	4.3	156
38	Effect of surfactants on Pb(II) adsorption from aqueous solutions using oxidized multiwall carbon nanotubes. Chemical Engineering Journal, 2011, 166, 551-558.	12.7	151
39	Polyaniline nanorods dotted on graphene oxide nanosheets as a novel super adsorbent for Cr(vi). Dalton Transactions, 2013, 42, 7854.	3.3	151
40	Unexpected ultrafast and high adsorption capacity of oxygen vacancy-rich WO_x/C nanowire networks for aqueous Pb²⁺ and methylene blue removal. Journal of Materials Chemistry A, 2017, 5, 15913-15922.	10.3	150
41	Efficient enrichment of uranium(vi) on amidoximated magnetite/graphene oxide composites. RSC Advances, 2013, 3, 18952.	3.6	147
42	Impact of Al₂O₃ on the Aggregation and Deposition of Graphene Oxide. Environmental Science & Technology, 2014, 48, 5493-5500.	10.0	144
43	Influence of contact time, pH, soil humic/fulvic acids, ionic strength and temperature on sorption of U(VI) onto MX-80 bentonite. Journal of Radioanalytical and Nuclear Chemistry, 2010, 283, 253-259.	1.5	141
44	Water-soluble polyacrylamide coated-Fe3O4 magnetic composites for high-efficient enrichment of U(VI) from radioactive wastewater. Chemical Engineering Journal, 2014, 246, 268-276.	12.7	137
45	Bandgap Engineering and Mechanism Study of Nonmetal and Metal Ion Codoped Carbon Nitride: C+Fe as an Example. Chemistry - A European Journal, 2014, 20, 9805-9812.	3.3	137
46	Rice husks as a sustainable silica source for hierarchical flower-like metal silicate architectures assembled into ultrathin nanosheets for adsorption and catalysis. Journal of Hazardous Materials, 2017, 321, 92-102.	12.4	136
47	Amidoxime-functionalized magnetic mesoporous silica for selective sorption of U(<scp>vi</scp>). RSC Advances, 2014, 4, 32710.	3.6	135
48	Enhanced immobilization of ReO4â˜ by nanoscale zerovalent iron supported on layered double hydroxide via an advanced XAFS approach: Implications for TcO4â˜ sequestration. Applied Catalysis B: Environmental, 2016, 192, 268-276.	20.2	135
49	Superior adsorption capacity of hierarchical iron oxide@magnesium silicate magnetic nanorods for fast removal of organic pollutants from aqueous solution. Journal of Materials Chemistry A, 2013, 1, 11691.	10.3	133
50	HF-Free Synthesis of Nanoscale Metalâ€“Organic Framework NMIL-100(Fe) as an Efficient Dye Adsorbent. ACS Sustainable Chemistry and Engineering, 2016, 4, 3368-3378.	6.7	128
51	Highly enhanced adsorption performance of U(VI) by non-thermal plasma modified magnetic Fe3O4 nanoparticles. Journal of Colloid and Interface Science, 2018, 513, 92-103.	9.4	128
52	Plasma-Facilitated Synthesis of Amidoxime/Carbon Nanofiber Hybrids for Effective Enrichment of ²³⁸U(VI) and ²⁴¹Am(III). Environmental Science & Technology, 2017, 51, 12274-12282.	10.0	127
53	MOF-derived CoN/N-C@SiO2 yolk-shell nanoreactor with dual active sites for highly efficient catalytic advanced oxidation processes. Chemical Engineering Journal, 2020, 381, 122670.	12.7	127
54	Removal of cobalt from aqueous solution by magnetic multiwalled carbon nanotube/iron oxide composites. Chemical Engineering Journal, 2011, 174, 126-133.	12.7	125

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55	Enhanced sequestration of Cr(VI) by nanoscale zero-valent iron supported on layered double hydroxide by batch and XAFS study. Chemosphere, 2016, 148, 227-232.	8.2	125
56	Adsorption and desorption of U(VI) on different-size graphene oxide. Chemical Engineering Journal, 2019, 360, 941-950.	12.7	118
57	Applications of conjugated polymer based composites in wastewater purification. RSC Advances, 2014, 4, 62160-62178.	3.6	114
58	Different Interaction Mechanisms of Eu(III) and ²⁴³Am(III) with Carbon Nanotubes Studied by Batch, Spectroscopy Technique and Theoretical Calculation. Environmental Science & Technology, 2015, 49, 11721-11728.	10.0	113
59	The uptake of radionuclides from aqueous solution by poly(amidoxime) modified reduced graphene oxide. Chemical Engineering Journal, 2014, 254, 623-634.	12.7	112
60	Insight into the impact of interaction between attapulgite and graphene oxide on the adsorption of U(VI). Chemical Engineering Journal, 2018, 343, 217-224.	12.7	112
61	Hybrid 0Dâ€“2D Nanoheterostructures: In Situ Growth of Amorphous Silver Silicates Dots on g-C₃N₄ Nanosheets for Full-Spectrum Photocatalysis. ACS Applied Materials & Interfaces, 2016, 8, 35138-35149.	8.0	111
62	Influence of pH, soil humic/fulvic acid, ionic strength, foreign ions and addition sequences on adsorption of Pb(II) onto GMZ bentonite. Journal of Hazardous Materials, 2009, 167, 44-51.	12.4	108
63	Efficient removal of metal contaminants by EDTA modified MOF from aqueous solutions. Journal of Colloid and Interface Science, 2019, 555, 403-412.	9.4	104
64	Removal of U(VI) from Aqueous Solution by Amino Functionalized Flake Graphite Prepared by Plasma Treatment. ACS Sustainable Chemistry and Engineering, 2017, 5, 4073-4085.	6.7	102
65	Pseudocapacitive deionization of uranium(VI) with WO3/C electrode. Chemical Engineering Journal, 2020, 398, 125460.	12.7	99
66	Ultra-thin iron phosphate nanosheets for high efficient U(VI) adsorption. Journal of Hazardous Materials, 2019, 371, 83-93.	12.4	98
67	Competitive Adsorption of Pb^{II}, Ni^{II}, and Sr^{II} Ions on Graphene Oxides: A Combined Experimental and Theoretical Study. ChemPlusChem, 2015, 80, 480-484.	2.8	97
68	Sorption of Eu(III) on GMZ bentonite in the absence/presence of humic acid studied by batch and XAFS techniques. Science China Chemistry, 2010, 53, 1420-1428.	8.2	95
69	Carbon supported PdNi alloy nanoparticles on SiO₂ nanocages with enhanced catalytic performance. Inorganic Chemistry Frontiers, 2020, 7, 3081-3091.	6.0	94
70	Poly(acrylic acid) grafted multiwall carbon nanotubes by plasma techniques for Co(II) removal from aqueous solution. Chemical Engineering Journal, 2012, 210, 475-481.	12.7	89
71	Highly active MnO2 nanosheet synthesis from graphene oxide templates and their application in efficient oxidative degradation of methylene blue. RSC Advances, 2013, 3, 12909.	3.6	89
72	Poly(amidoxime)-reduced graphene oxide composites as adsorbents for the enrichment of uranium from seawater. Science China Chemistry, 2014, 57, 1449-1458.	8.2	89

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73	Amidoxime functionalization of mesoporous silica and its high removal of U(<scp>vi</scp>). Polymer Chemistry, 2015, 6, 5376-5384.	3.9	89
74	Synthesis of flexible cross-linked cryptomelane-type manganese oxide nanowire membranes and their application for U(VI) and Eu(III) elimination from solutions. Chemical Engineering Journal, 2020, 381, 122744.	12.7	89
75	Surface functionalization graphene oxide by polydopamine for high affinity of radionuclides. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 482, 258-266.	4.7	87
76	Fabrication of Fe/Fe₃C@porous carbon sheets from biomass and their application for simultaneous reduction and adsorption of uranium(<scp>vi</scp>) from solution. Inorganic Chemistry Frontiers, 2014, 1, 641.	6.0	86
77	New Insight into GO, Cadmium(II), Phosphate Interaction and Its Role in GO Colloidal Behavior. Environmental Science & Technology, 2016, 50, 9361-9369.	10.0	85
78	Dual shelled Fe₃O₄/polydopamine hollow microspheres as an effective Eu(<scp>iii</scp>) adsorbent. Journal of Materials Chemistry A, 2017, 5, 2947-2958.	10.3	79
79	Spectroscopic and theoretical studies on the counterion effect of Cu(<scp>ii</scp>) ion and graphene oxide interaction with titanium dioxide. Environmental Science: Nano, 2016, 3, 1361-1368.	4.3	77
80	Adsorption, Aggregation, and Deposition Behaviors of Carbon Dots on Minerals. Environmental Science & Technology, 2017, 51, 6156-6164.	10.0	77
81	Enrich and seal radionuclides in magnetic agarose microspheres. Chemical Engineering Journal, 2011, 172, 892-897.	12.7	75
82	Hierarchical nanocomposites of polyaniline nanorods arrays on graphitic carbon nitride sheets with synergistic effect for photocatalysis. Catalysis Today, 2014, 224, 114-121.	4.4	73
83	High performance polydopamine-functionalized mesoporous silica nanospheres for U(VI) removal. Applied Surface Science, 2017, 426, 1121-1132.	6.1	73
84	Amidoxime-Functionalized Hollow Carbon Spheres for Efficient Removal of Uranium from Wastewater. ACS Sustainable Chemistry and Engineering, 2019, 7, 10800-10807.	6.7	70
85	Magnetic Fe3O4@NiO hierarchical structures: preparation and their excellent As(v) and Cr(vi) removal capabilities. RSC Advances, 2013, 3, 2754.	3.6	69
86	Visibleâ€Light Photocatalytic Degradation of Methylene Blue Using SnO₂/Î±â€Fe₂O₃ Hierarchical Nanoheterostructures. ChemPlusChem, 2013, 78, 192-199.	2.8	69
87	Ozonated graphene oxides as high efficient sorbents for Sr(II) and U(VI) removal from aqueous solutions. Science China Chemistry, 2016, 59, 869-877.	8.2	68
88	Graphene oxides with different oxidation degrees for Co(II) ion pollution management. Chemical Engineering Journal, 2016, 302, 763-772.	12.7	68
89	Synthesis and lithium-storage properties of MnO/reduced graphene oxide composites derived from graphene oxide plus the transformation of Mn(<scp>vi</scp>) to Mn(<scp>ii</scp>) by the reducing power of graphene oxide. Journal of Materials Chemistry A, 2015, 3, 297-303.	10.3	66
90	A Valuable Biochar from Poplar Catkins with High Adsorption Capacity for Both Organic Pollutants and Inorganic Heavy Metal Ions. Scientific Reports, 2017, 7, 10033.	3.3	66

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91	Hierarchically grown CdS/Î±-Fe2O3 heterojunction nanocomposites with enhanced visible-light-driven photocatalytic performance. Dalton Transactions, 2013, 42, 13417.	3.3	65
92	Two-dimensional copper-based metalâ"organic frameworks nano-sheets composites: One-step synthesis and highly efficient U(VI) immobilization. Journal of Hazardous Materials, 2019, 373, 580-590.	12.4	65
93	Design and fabrication of microfluidic mixer from carbonyl ironâ€"PDMS composite membrane. Microfluidics and Nanofluidics, 2011, 10, 919-925.	2.2	63
94	A strategically designed porous magnetic N-doped Fe/Fe₃C@C matrix and its highly efficient uranium(<scp>vi</scp>) remediation. Inorganic Chemistry Frontiers, 2016, 3, 1227-1235.	6.0	63
95	Insight into the mechanism of adsorption of phenol and resorcinol on activated carbons with different oxidation degrees. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 563, 22-30.	4.7	54
96	Efficient removal of a typical dye and Cr(<scp>vi</scp>) reduction using N-doped magnetic porous carbon. RSC Advances, 2014, 4, 63110-63117.	3.6	52
97	Multifunctional flexible free-standing titanate nanobelt membranes as efficient sorbents for the removal of radioactive 90Sr2+ and 137Cs+ ions and oils. Scientific Reports, 2016, 6, 20920.	3.3	52
98	Plasma surface modification of materials and their entrapment of water contaminant: A review. Plasma Processes and Polymers, 2017, 14, 1600218.	3.0	52
99	Efficient removal of cobalt from aqueous solution using Î²-cyclodextrin modified graphene oxide. RSC Advances, 2013, 3, 9514-9521.	3.6	51
100	Modeling and EXAFS investigation of U(VI) sequestration on Fe3O4/PCMs composites. Chemical Engineering Journal, 2019, 369, 736-744.	12.7	50
101	Removal of uranium(vi) from aqueous solution by magnetic yolkâ€"shell iron oxide@magnesium silicate microspheres. RSC Advances, 2014, 4, 5021.	3.6	49
102	Two-dimensional Cr₂O₃and interconnected grapheneâ€"Cr₂O₃nanosheets: synthesis and their application in lithium storage. Journal of Materials Chemistry A, 2014, 2, 944-948.	10.3	48
103	Effect of Fe3O4@PDA morphology on the U(VI) entrapment from aqueous solution. Applied Surface Science, 2018, 448, 297-308.	6.1	44
104	Highly efficient entrapment of U(VI) by using porous magnetic Ni 0.6 Fe 2.4 O 4 micro-particles as the adsorbent. Journal of the Taiwan Institute of Chemical Engineers, 2016, 65, 367-377.	5.3	43
105	Fabrication of carboxyl and amino functionalized carbonaceous microspheres and their enhanced adsorption behaviors of U(VI). Journal of Colloid and Interface Science, 2019, 543, 225-236.	9.4	43
106	Microdroplet-based universal logic gates by electrorheological fluid. Soft Matter, 2011, 7, 7493.	2.7	42
107	Ozone degradation of 1-naphthol on multiwalled carbon nanotubes/iron oxides and recycling of the adsorbent. Chemical Engineering Journal, 2015, 262, 1303-1310.	12.7	41
108	Novel multicomponent reaction of [60]fullerene: the first example of 1,4-dipolar cycloaddition reaction in fullerene chemistry. Organic and Biomolecular Chemistry, 2006, 4, 4063.	2.8	40

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109	Synthesis of Alumina-Modified Cigarette Soot Carbon As an Adsorbent for Efficient Arsenate Removal. Industrial & Engineering Chemistry Research, 2014, 53, 16051-16060.	3.7	40
110	Surface Modification of Graphene Oxides by Plasma Techniques and Their Application for Environmental Pollution Cleanup. Chemical Record, 2016, 16, 295-318.	5.8	40
111	Surface Area- and Structure-Dependent Effects of LDH for Highly Efficient Dye Removal. ACS Sustainable Chemistry and Engineering, 2019, 7, 905-915.	6.7	39
112	Adsorption of Sr(II) and Eu(III) on Na-rectorite: Effect of pH, ionic strength, concentration and modelling. Radiochimica Acta, 2010, 98, 421-429.	1.2	37
113	Theoretical investigation of uranyl ion adsorption on hydroxylated Î³-Al2O3 surfaces. RSC Advances, 2013, 3, 19551.	3.6	37
114	Effective inspissation of uranium(VI) from radioactive wastewater using flow electrode capacitive deionization. Separation and Purification Technology, 2022, 283, 120172.	7.9	37
115	Copolymer solution-based â€œsmart windowâ€• Applied Physics Letters, 2009, 95, 251907.	3.3	36
116	Reductive immobilization of uranium by PAAMâ€“FeS/Fe₃O₄ magnetic composites. Environmental Science: Water Research and Technology, 2015, 1, 169-176.	2.4	36
117	Magnetically separable h-Fe3O4@Au/polydopamine nanosphere with a hollow interior: A versatile candidate for nanocatalysis and metal ion adsorption. Chemical Engineering Journal, 2020, 398, 125571.	12.7	36
118	Fabrication of noble metal nanoparticles decorated on one dimensional hierarchical polypyrrole@MoS₂ microtubes. Journal of Materials Chemistry B, 2020, 8, 7801-7811.	5.8	34
119	Synthesis and Functionalization of Symmetrical 2,5-Diaryl Fulleropyrrolidines: Ferric Perchlorate-Mediated One-Step Reaction of [60]Fullerene with Arylmethanamines. Journal of Organic Chemistry, 2016, 81, 1769-1777.	3.2	33
120	Facile Synthesis of Highâ€Quality Plasmaâ€Reduced Graphene Oxide with Ultrahigh 4,4â€²â€Dichlorobiphenyl Adsorption Capacity. Chemistry - an Asian Journal, 2013, 8, 225-231.	3.3	32
121	Logic control of microfluidics with smart colloid. Lab on A Chip, 2010, 10, 2869.	6.0	31
122	Novel Reactions of [60]Fullerene with Amino Acid Esters and Carbon Disulfide. Journal of Organic Chemistry, 2006, 71, 680-684.	3.2	30
123	Cu(OAc)₂-Mediated Reaction of [60]Fullerene with Aldehydes and Primary Amines for the Synthesis of Fulleropyrrolines. Journal of Organic Chemistry, 2016, 81, 9296-9307.	3.2	30
124	Polydopamine Integrated Nanomaterials and Their Biomedical Applications. Current Pharmaceutical Design, 2015, 21, 4262-4275.	1.9	30
125	Giant electrorheological fluid comprising nanoparticles: Carbon nanotube composite. Journal of Applied Physics, 2010, 107, 093507.	2.5	29
126	Steam Plasma Jet Treatment of Phenol in Aqueous Solution at Atmospheric Pressure. Plasma Processes and Polymers, 2013, 10, 353-363.	3.0	29

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127	Enhanced Electrochemical Performance of Reduced Graphene Oxides by H₂/Ar Plasma Treatment. Journal of Physical Chemistry C, 2014, 118, 28440-28447.	3.1	29
128	Hypervalent Iodine Reagent Mediated Reaction of [60]Fullerene with Amines. Journal of Organic Chemistry, 2013, 78, 12257-12262.	3.2	28
129	Fabrication of a Novel Transparent SERS Substrate Comprised of Ag-nanoparticle Arrays and its Application in Rapid Detection of Ractopamine on Meat. Food Analytical Methods, 2018, 11, 2329-2335.	2.6	28
130	Hollow Fe3O4 nanospheres covered by phosphate-modified layered double hydroxides for the removal of uranium (VI) from water and soil. Separation and Purification Technology, 2022, 288, 120688.	7.9	26
131	Interactions of Eu(III) and 243Am(III) with humic acid-bound Î³-Al2O3 studied using batch and kinetic dissociation techniques. Chemical Engineering Journal, 2015, 273, 588-594.	12.7	25
132	Efficient removal of Eu(III) from aqueous solutions using super-adsorbent of bentoniteâ€“polyacrylamide composites. Journal of Radioanalytical and Nuclear Chemistry, 2015, 306, 497-505.	1.5	24
133	Zero valent iron/poly(amidoxime) adsorbent for the separation and reduction of U(<scp>vi</scp>). RSC Advances, 2016, 6, 52076-52081.	3.6	24
134	Interaction mechanisms of U(VI) and graphene oxide from the perspective of particle size distribution. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 209-217.	1.5	23
135	Plasma-induced grafting of acrylic acid on bentonite for the removal of U(VI) from aqueous solution. Plasma Science and Technology, 2017, 19, 115501.	1.5	22
136	Easily synthesized mesoporous aluminum phosphate for the enhanced adsorption performance of U(VI) from aqueous solution. Journal of Hazardous Materials, 2022, 432, 128675.	12.4	22
137	A New Application of a Mesoporous Hybrid of Tungsten Oxide and Carbon as an Adsorbent for Elimination of Sr²⁺ and Co²⁺ from an Aquatic Environment. ACS Sustainable Chemistry and Engineering, 2018, 6, 2462-2473.	6.7	21
138	Study on the acidâ€“base surface property of the magnetite graphene oxide and its usage for the removal of radiostrontium from aqueous solution. Radiochimica Acta, 2013, 101, 785-794.	1.2	20
139	Theoretical studies on the pyrolysis of thiocarbonates. Computational and Theoretical Chemistry, 2014, 1030, 67-73.	2.5	20
140	The adsorption of Eu(III) on carbonaceous nanofibers: batch experiments and modeling study. Journal of Molecular Liquids, 2016, 222, 456-462.	4.9	20
141	Reaction of C₆₀ with Inactive Secondary Amines and Aldehydes and the Cu(OAc)₂-Promoted Regioselective Intramolecular Câ€“H Functionalization of the Generated Fulleropyrrolidines. Journal of Organic Chemistry, 2016, 81, 11201-11209.	3.2	20
142	Adsorption of carbon dots onto Al2O3 in aqueous: Experimental and theoretical studies. Environmental Pollution, 2017, 227, 31-38.	7.5	20
143	Distinct interface behaviors of Ni(<scp>ii</scp>) on graphene oxide and oxidized carbon nanotubes triggered by different topological aggregations. Nanoscale, 2018, 10, 1383-1393.	5.6	20
144	Performance of MXene incorporated MOF-derived carbon electrode on deionization of uranium(VI). Chemical Engineering Journal, 2022, 430, 132702.	12.7	19

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145	Simple Localization of Nanofiber Scaffolds via SUâ€8 Photoresist and Their Use for Parallel 3D Cellular Assays. Advanced Materials, 2012, 24, 2191-2195.	21.0	18
146	BF₃Â·Et₂O- or DMAP-Catalyzed Double Nucleophilic Substitution Reaction of Aziridinofullerenes with Sulfamides or Amidines. Journal of Organic Chemistry, 2014, 79, 11744-11749.	3.2	18
147	Interaction between Al2O3 and different sizes of GO in aqueous environment. Environmental Pollution, 2018, 243, 1802-1809.	7.5	18
148	Cu(OAc)₂-promoted reaction of [60]fullerene with primary amines or diamines. Organic and Biomolecular Chemistry, 2015, 13, 8405-8410.	2.8	16
149	The influential factors towards graphene oxides removal by activated carbons: Activated functional groups vs BET surface area. Journal of Molecular Liquids, 2018, 271, 142-150.	4.9	16
150	Poly(amidoxime) functionalized MoS2 for efficient adsorption of uranium(VI) in aqueous solutions. Journal of Radioanalytical and Nuclear Chemistry, 2019, 319, 379-386.	1.5	16
151	Plasma-facilitated modification of pumpkin vine-based biochar and its application for efficient elimination of uranyl from aqueous solution. Plasma Science and Technology, 2019, 21, 095502.	1.5	15
152	Furfuryl alcohol functionalized graphene for sorption of radionuclides. Arabian Journal of Chemistry, 2017, 10, 837-844.	4.9	14
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