

Changlun Chen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

206
papers

21,488
citations

78
h-index

143
g-index

229
ext. papers

23,589
ext. citations

7.5
avg, IF

7.23
L-index

#	Paper	IF	Citations
206	Insight into UV-induced simultaneous photocatalytic degradation of TiCT MXene and reduction of U(VI).. <i>Journal of Hazardous Materials</i> , 2022 , 430, 128377	12.8	1
205	A comprehensive review on emerging natural and tailored materials for chromium-contaminated water treatment and environmental remediation. <i>Journal of Environmental Chemical Engineering</i> , 2022 , 10, 107325	6.8	3
204	Interconnected hierarchical nickel-carbon hybrids assembled by porous nanosheets for Cr(VI) reduction with formic acid. <i>Journal of Colloid and Interface Science</i> , 2022 , 606, 213-222	9.3	4
203	3D magnetic flower-shaped yolk-shell like structure Fe ₃ O ₄ @N-doped carbon@MnO ₂ composites for the efficient removal of Re(VII) and As(V). <i>Applied Surface Science</i> , 2022 , 572, 151333	6.7	1
202	Biochar-supported Fe/Ni bimetallic nanoparticles for the efficient removal of Cr(VI) from aqueous solution. <i>Journal of Molecular Liquids</i> , 2022 , 359, 119257	6	0
201	UV-induced simultaneous removal of GO and U(VI): The role of aggregation, photo-transformation, adsorption and reduction. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022 , 648, 129151	5.1	
200	Efficient Sr-90 removal from highly alkaline solution by an ultrastable crystalline zirconium phosphonate. <i>Chemical Communications</i> , 2021 , 57, 8452-8455	5.8	1
199	Fabrication of a novel Co/Ni-MOFs@BiOI composite with boosting photocatalytic degradation of methylene blue under visible light. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106194	6.8	1
198	Colloidal Behaviors of Two-Dimensional Titanium Carbide in Natural Surface Waters: The Role of Solution Chemistry. <i>Environmental Science & Technology</i> , 2020 , 54, 3353-3362	10.3	9
197	Solvent-free engineering of Fe/FeC nanoparticles encased in nitrogen-doped carbon nanoshell materials for highly efficient removal of uranyl ions from acidic solution. <i>Journal of Colloid and Interface Science</i> , 2020 , 575, 16-23	9.3	12
196	Retraction: Enhanced adsorption of Eu(III) on mesoporous AlO _x /expanded graphite composites investigated by macroscopic and microscopic techniques. <i>Dalton Transactions</i> , 2020 , 49, 5742	4.3	1
195	Magnetic metal organic frameworks/graphene oxide adsorbent for the removal of U(VI) from aqueous solution. <i>Applied Radiation and Isotopes</i> , 2020 , 162, 109160	1.7	11
194	Metal-organic frameworks-derived 3D yolk shell-like structure Ni@carbon as a recyclable catalyst for Cr(VI) reduction. <i>Chemical Engineering Journal</i> , 2020 , 389, 123428	14.7	33
193	Three dimensional flower-like magnetic polyethyleneimine@MoS ₂ composites for highly efficient removal of Cr(VI) and Pb(II) ions. <i>Journal of Colloid and Interface Science</i> , 2020 , 580, 550-560	9.3	17
192	Colloidal properties and stability of UV-transformed graphene oxide in aqueous solutions: The role of disorder degree. <i>Journal of Hazardous Materials</i> , 2020 , 382, 121097	12.8	14
191	Few-layered metal-organic framework nanosheets as a highly selective and efficient scavenger for heavy metal pollution treatment. <i>Chemical Engineering Journal</i> , 2020 , 383, 123189	14.7	21
190	Mutual effect of U(VI) and phosphate on the reactivity of nanoscale zero-valent iron (nZVI) for their co-removal. <i>Journal of Molecular Liquids</i> , 2020 , 297, 111853	6	12

189	Plasma-facilitated modification of pumpkin vine-based biochar and its application for efficient elimination of uranyl from aqueous solution. <i>Plasma Science and Technology</i> , 2019 , 21, 095502	1.5	11
188	Emerging natural and tailored materials for uranium-contaminated water treatment and environmental remediation. <i>Progress in Materials Science</i> , 2019 , 103, 180-234	42.2	229
187	Porous NiFe-oxide nanocubes derived from prussian blue analogue as efficient adsorbents for the removal of toxic metal ions and organic dyes. <i>Journal of Hazardous Materials</i> , 2019 , 379, 120786	12.8	39
186	Synthesis of novel nanomaterials and their application in efficient removal of radionuclides. <i>Science China Chemistry</i> , 2019 , 62, 933-967	7.9	186
185	Synthesis of nanoscale zero-valent iron loaded chitosan for synergistically enhanced removal of U(VI) based on adsorption and reduction. <i>Journal of Colloid and Interface Science</i> , 2019 , 552, 735-743	9.3	48
184	Mutual effects behind the simultaneous U(VI) and humic acid adsorption by hierarchical MWCNT/ZIF-8 composites. <i>Journal of Molecular Liquids</i> , 2019 , 288, 110971	6	18
183	Fabrication of Si/TiBased amino-functionalized hybrids and their adsorption towards cobalt(II). <i>Journal of Molecular Liquids</i> , 2019 , 289, 111051	6	11
182	Synthesis of FeNi/graphene oxide composite and its highly efficient removal of uranium(VI) from aqueous solution. <i>Journal of Cleaner Production</i> , 2019 , 230, 1305-1315	10.3	27
181	Environmental fate and risk of ultraviolet- and visible-light-transformed graphene oxide: A comparative study. <i>Environmental Pollution</i> , 2019 , 251, 821-829	9.3	17
180	A simple method for preparing ultra-light graphene aerogel for rapid removal of U(VI) from aqueous solution. <i>Environmental Pollution</i> , 2019 , 251, 547-554	9.3	28
179	Encapsulation of Fe ⁰ -dominated Fe ₃ O ₄ /Fe ⁰ /Fe ₃ C nanoparticles into carbonized polydopamine nanospheres for catalytic degradation of tetracycline via persulfate activation. <i>Chemical Engineering Journal</i> , 2019 , 372, 304-311	14.7	56
178	Coupling g-CN nanosheets with metal-organic frameworks as 2D/3D composite for the synergetic removal of uranyl ions from aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2019 , 550, 117-127	9.3	53
177	Adsorption of radionuclides on carbon-based nanomaterials. <i>Interface Science and Technology</i> , 2019 , 141-215	2.3	2
176	Removal of toxic/radioactive metal ions by metal-organic framework-based materials. <i>Interface Science and Technology</i> , 2019 , 217-279	2.3	4
175	Application of nZVI and its composites into the treatment of toxic/radioactive metal ions. <i>Interface Science and Technology</i> , 2019 , 281-330	2.3	9
174	Interactions between radionuclides and the oxide-water interfaces in the environment. <i>Interface Science and Technology</i> , 2019 , 29, 39-105	2.3	1
173	MOFs-induced encapsulation of ultrafine Ni nanoparticles into 3D N-doped graphene-CNT frameworks as a recyclable catalyst for Cr(VI) reduction with formic acid. <i>Carbon</i> , 2019 , 148, 52-63	10.4	62
172	Nanoscale zero-valent iron/magnetite carbon composites for highly efficient immobilization of U(VI). <i>Journal of Environmental Sciences</i> , 2019 , 76, 377-387	6.4	37

171	A computational study on the tunability of woven covalent organic frameworks for photocatalysis. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 546-553	3.6	9
170	Construction of novel graphene-based materials GO@SiO@C@Ni for Cr(VI) removal from aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2019 , 557, 254-265	9.3	26
169	Efficient removal of Cd(II) by core-shell Fe ₃ O ₄ @polydopamine microspheres from aqueous solution. <i>Journal of Molecular Liquids</i> , 2019 , 295, 111724	6	14
168	Exploration of the adsorption performance and mechanism of zeolitic imidazolate framework-8@graphene oxide for Pb(II) and 1-naphthylamine from aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2019 , 542, 410-420	9.3	75
167	Adsorption of ¹⁷ Estradiol from aqueous solutions by a novel hierarchically nitrogen-doped porous carbon. <i>Journal of Colloid and Interface Science</i> , 2019 , 533, 700-708	9.3	35
166	Insights into the crystal size and morphology of photocatalysts. <i>Journal of Colloid and Interface Science</i> , 2019 , 538, 638-647	9.3	14
165	Enhanced removal of uranium(VI) from aqueous solution by a novel Mg-MOF-74-derived porous MgO/carbon adsorbent. <i>Journal of Colloid and Interface Science</i> , 2019 , 537, A1-A10	9.3	103
164	Interaction mechanism between different facet TiO ₂ and U(VI): Experimental and density-functional theory investigation. <i>Chemical Engineering Journal</i> , 2019 , 359, 944-954	14.7	49
163	MOFs-derived magnetic chestnut shell-like hollow sphere NiO/Ni@C composites and their removal performance for arsenic(V). <i>Chemical Engineering Journal</i> , 2019 , 362, 413-421	14.7	49
162	Influence of carbonate on sequestration of U(VI) on perovskite. <i>Journal of Hazardous Materials</i> , 2019 , 364, 100-107	12.8	31
161	Gamma-ferric oxide nanoparticles decoration onto porous layered double oxide belts for efficient removal of uranyl. <i>Journal of Colloid and Interface Science</i> , 2019 , 535, 265-275	9.3	40
160	Competitive adsorption of U(VI) and Co(II) on montmorillonite: A batch and spectroscopic approach. <i>Applied Clay Science</i> , 2018 , 157, 121-129	5.2	46
159	Metal-organic framework-based materials: superior adsorbents for the capture of toxic and radioactive metal ions. <i>Chemical Society Reviews</i> , 2018 , 47, 2322-2356	58.5	1077
158	Graphene analogues in aquatic environments and porous media: dispersion, aggregation, deposition and transformation. <i>Environmental Science: Nano</i> , 2018 , 5, 1298-1340	7.1	57
157	Highly efficient removal of As(V) by using NiAl layered double oxide composites. <i>Applied Surface Science</i> , 2018 , 448, 599-608	6.7	43
156	Interaction between U(VI) with sulfhydryl groups functionalized graphene oxides investigated by batch and spectroscopic techniques. <i>Journal of Colloid and Interface Science</i> , 2018 , 524, 129-138	9.3	35
155	Synthesis of highly porous inorganic adsorbents derived from metal-organic frameworks and their application in efficient elimination of mercury(II). <i>Journal of Colloid and Interface Science</i> , 2018 , 517, 61-71	9.3	36
154	Synthesis of Ag nanoparticles decoration on magnetic carbonized polydopamine nanospheres for effective catalytic reduction of Cr(VI). <i>Journal of Colloid and Interface Science</i> , 2018 , 526, 1-8	9.3	73

153	Facile synthesis of magnetic Fe ₃ O ₄ /graphene composites for enhanced U(VI) sorption. <i>Applied Surface Science</i> , 2018 , 444, 691-698	6.7	27
152	Impact of water chemistry on surface charge and aggregation of polystyrene microspheres suspensions. <i>Science of the Total Environment</i> , 2018 , 630, 951-959	10.2	77
151	Coagulation behavior of humic acid in aqueous solutions containing Cs, Sr and Eu: DLS, EEM and MD simulations. <i>Environmental Pollution</i> , 2018 , 236, 835-843	9.3	34
150	In situ carbothermal reduction synthesis of Fe nanocrystals embedded into N-doped carbon nanospheres for highly efficient U(VI) adsorption and reduction. <i>Chemical Engineering Journal</i> , 2018 , 331, 395-405	14.7	108
149	Investigation of the adsorption mechanisms of Pb(II) and 1-naphthol by β -cyclodextrin modified graphene oxide nanosheets from aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2018 , 530, 154-162	9.3	82
148	Retention of U(VI) by the Formation of Fe Precipitates from Oxidation of Fe(II). <i>ACS Earth and Space Chemistry</i> , 2018 , 2, 968-976	3.2	15
147	Graphene oxide interactions with co-existing heavy metal cations: adsorption, colloidal properties and joint toxicity. <i>Environmental Science: Nano</i> , 2018 , 5, 362-371	7.1	44
146	Exploring the Aggregation Mechanism of Graphene Oxide in the Presence of Radioactive Elements: Experimental and Theoretical Studies. <i>Environmental Science & Technology</i> , 2018 , 52, 12208-12215	10.3	36
145	Decoration of ZIF-8 on polypyrrole nanotubes for highly efficient and selective capture of U(VI). <i>Journal of Cleaner Production</i> , 2018 , 204, 896-905	10.3	60
144	Biochar Derived from Sawdust Embedded with Molybdenum Disulfide for Highly Selective Removal of Pb ²⁺ . <i>ACS Applied Nano Materials</i> , 2018 , 1, 2689-2698	5.6	52
143	Spectroscopic Investigation of Enhanced Adsorption of U(VI) and Eu(III) on Magnetic Attapulgite in Binary System. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 7533-7543	3.9	24
142	The influence of dissolved Si on Ni precipitate formation at the kaolinite water interface: Kinetics, DRS and EXAFS analysis. <i>Chemosphere</i> , 2017 , 173, 135-142	8.4	18
141	Interaction Mechanism of Re(VII) with Zirconium Dioxide Nanoparticles Anchored onto Reduced Graphene Oxides. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 2163-2171	8.3	57
140	Bonding properties of humic acid with attapulgite and its influence on U(VI) sorption. <i>Chemical Geology</i> , 2017 , 464, 91-100	4.2	39
139	Insights into key factors controlling GO stability in natural surface waters. <i>Journal of Hazardous Materials</i> , 2017 , 335, 56-65	12.8	52
138	Spectroscopic and Modeling Investigation of Eu(III)/U(VI) Sorption on Nanomagnetite from Aqueous Solutions. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 5493-5502	8.3	54
137	Adsorption of Europium on Al-substituted goethite. <i>Journal of Molecular Liquids</i> , 2017 , 236, 445-451	6	22
136	Mechanical, electronic and thermodynamic properties of hexagonal and orthorhombic U ₂ Mo: A first-principle calculation. <i>Progress in Nuclear Energy</i> , 2017 , 99, 110-118	2.3	2

135	Impact of graphene oxide on the antibacterial activity of antibiotics against bacteria. <i>Environmental Science: Nano</i> , 2017 , 4, 1016-1024	7.1	62
134	Fabrication of CoreShell [email[protected]] Nanocomposite for Efficient As(V) Adsorption and Reduction. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 4399-4407	8.3	42
133	Fabrication of hierarchical core-shell polydopamine@MgAl-LDHs composites for the efficient enrichment of radionuclides. <i>Applied Surface Science</i> , 2017 , 396, 1726-1735	6.7	50
132	Effect of silicate on the sorption properties of kaolinite: removal of U(VI) and mechanism. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017 , 311, 1899-1907	1.5	6
131	Investigation of U(VI) sorption on silica aerogels: Effects of specific surface area, pH and coexistent electrolyte ions. <i>Journal of Molecular Liquids</i> , 2017 , 246, 140-148	6	8
130	Plasma-Facilitated Synthesis of Amidoxime/Carbon Nanofiber Hybrids for Effective Enrichment of U(VI) and Am(III). <i>Environmental Science & Technology</i> , 2017 , 51, 12274-12282	10.3	113
129	Screening of Zirconium-Based MetalOrganic Frameworks for Efficient Simultaneous Removal of Antimonite (Sb(III)) and Antimonate (Sb(V)) from Aqueous Solution. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 11496-11503	8.3	73
128	EDTA functionalized FeO/graphene oxide for efficient removal of U(VI) from aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2017 , 506, 300-307	9.3	70
127	Synthesis of a coreshell magnetic Fe ₃ O ₄ @NH ₂ @PmPD nanocomposite for efficient removal of Cr(VI) from aqueous media. <i>RSC Advances</i> , 2017 , 7, 36231-36241	3.7	39
126	New Synthesis of nZVI/C Composites as an Efficient Adsorbent for the Uptake of U(VI) from Aqueous Solutions. <i>Environmental Science & Technology</i> , 2017 , 51, 9227-9234	10.3	94
125	Characterization of the sorption behavior and mechanism of U(VI) on sericite by batch experiments and spectroscopic techniques. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017 , 313, 333-342	1.5	1
124	Cr(VI) Reduction and Immobilization by Core-Double-Shell Structured Magnetic [email[protected]] Idazolate Frameworks-8 Microspheres. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 6795-6802	8.3	151
123	Efficient sorption and reduction of U(VI) on zero-valent iron-polyaniline-graphene aerogel ternary composite. <i>Journal of Colloid and Interface Science</i> , 2017 , 490, 197-206	9.3	83
122	Interaction of sulfonated graphene oxide with U(VI) studied by spectroscopic analysis and theoretical calculations. <i>Chemical Engineering Journal</i> , 2017 , 310, 292-299	14.7	113
121	Fabrication of sodium titanate nanospheres as efficient sorbent for the removal of U(VI) from aqueous solution. <i>Journal of Molecular Liquids</i> , 2017 , 225, 101-106	6	15
120	Spectroscopic and modeling investigation of efficient removal of U(VI) on a novel magnesium silicate/diatomite. <i>Separation and Purification Technology</i> , 2017 , 174, 425-431	8.3	49
119	Amino Siloxane Oligomer Modified Graphene Oxide Composite for the Efficient Capture of U(VI) and Eu(III) from Aqueous Solution. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 10290-10297	8.3	50
118	Nanoscale zero-valent iron particles modified on reduced graphene oxides using a plasma technique for Cd(II) removal. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016 , 59, 389-394	5.3	80

117	Direct Synthesis of Bacteria-Derived Carbonaceous Nanofibers as a Highly Efficient Material for Radionuclides Elimination. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 4608-4616	8.3	57
116	Polyaniline-Modified Mg/Al Layered Double Hydroxide Composites and Their Application in Efficient Removal of Cr(VI). <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 4361-4369	8.3	147
115	Controlled synthesized natroalunite microtubes applied for cadmium(II) and phosphate co-removal. <i>Journal of Hazardous Materials</i> , 2016 , 314, 249-259	12.8	22
114	A core-shell structure of polyaniline coated protonic titanate nanobelt composites for both Cr(VI) and humic acid removal. <i>Polymer Chemistry</i> , 2016 , 7, 785-794	4.9	128
113	One-step fabrication of amino functionalized magnetic graphene oxide composite for uranium(VI) removal. <i>Journal of Colloid and Interface Science</i> , 2016 , 472, 99-107	9.3	130
112	Reductive immobilization of Re(VII) by graphene modified nanoscale zero-valent iron particles using a plasma technique. <i>Science China Chemistry</i> , 2016 , 59, 150-158	7.9	92
111	Magnetic polydopamine decorated with Mg/Al LDH nanoflakes as a novel bio-based adsorbent for simultaneous removal of potentially toxic metals and anionic dyes. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 1737-1746	13	209
110	Alkali-treated cellulose fibers for U(VI) separation and enrichment. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016 , 308, 981-990	1.5	6
109	Interaction of Th(IV) with graphene oxides: Batch experiments, XPS investigation, and modeling. <i>Journal of Molecular Liquids</i> , 2016 , 213, 58-68	6	42
108	Polyaniline-modified 3D-flower-like molybdenum disulfide composite for efficient adsorption/photocatalytic reduction of Cr(VI). <i>Journal of Colloid and Interface Science</i> , 2016 , 476, 62-70	9.3	145
107	Characterization of Fe(III)-saturated montmorillonite and evaluation its sorption behavior for U(VI). <i>Radiochimica Acta</i> , 2016 , 104, 481-490	1.9	10
106	Competitive sorption of Pb(II), Cu(II) and Ni(II) on carbonaceous nanofibers: A spectroscopic and modeling approach. <i>Journal of Hazardous Materials</i> , 2016 , 313, 253-61	12.8	141
105	Facile preparation of amino functionalized graphene oxide decorated with Fe ₃ O ₄ nanoparticles for the adsorption of Cr(VI). <i>Applied Surface Science</i> , 2016 , 384, 1-9	6.7	273
104	New Insight into GO, Cadmium(II), Phosphate Interaction and Its Role in GO Colloidal Behavior. <i>Environmental Science & Technology</i> , 2016 , 50, 9361-9	10.3	73
103	Effect of silicate on U(VI) sorption to Al ₂ O ₃ : Batch and EXAFS studies. <i>Chemical Engineering Journal</i> , 2015 , 269, 371-378	14.7	51
102	Superior adsorption capacity of g-C ₃ N ₄ for heavy metal ions from aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2015 , 456, 7-14	9.3	136
101	Synthesis of a novel organic-inorganic hybrid of polyaniline/titanium phosphate for Re(VII) removal. <i>Dalton Transactions</i> , 2015 , 44, 8917-25	4.3	53
100	Hierarchical MWCNTs/Fe ₃ O ₄ /PANI magnetic composite as adsorbent for methyl orange removal. <i>Journal of Colloid and Interface Science</i> , 2015 , 450, 189-195	9.3	92

99	Evaluation of the Influence of Environmental Conditions on the Removal of Pb(II) from Wastewater by Ca-rectorite. <i>Separation Science and Technology</i> , 2015 , 150623132817002	2.5	3
98	High performance of phosphate-functionalized graphene oxide for the selective adsorption of U(VI) from acidic solution. <i>Journal of Nuclear Materials</i> , 2015 , 466, 56-64	3.3	131
97	Competitive Adsorption of Pb , Ni , and Sr Ions on Graphene Oxides: A Combined Experimental and Theoretical Study. <i>ChemPlusChem</i> , 2015 , 80, 480-484	2.8	89
96	Ozone degradation of 1-naphthol on multiwalled carbon nanotubes/iron oxides and recycling of the adsorbent. <i>Chemical Engineering Journal</i> , 2015 , 262, 1303-1310	14.7	32
95	Investigation of interaction between U(VI) and carbonaceous nanofibers by batch experiments and modeling study. <i>Journal of Colloid and Interface Science</i> , 2015 , 460, 237-46	9.3	78
94	Nanoscale zero-valent iron particles supported on reduced graphene oxides by using a plasma technique and their application for removal of heavy-metal ions. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 1410-7	4.5	63
93	A catechin-modified carbon paste electrode for electrocatalytic determination of neurotransmitters. <i>Analytical Methods</i> , 2015 , 7, 5641-5648	3.2	3
92	Preparation of montmorillonite@carbon composite and its application for U(VI) removal from aqueous solution. <i>Applied Surface Science</i> , 2015 , 349, 129-137	6.7	115
91	Effect of environmental conditions on the adsorption behavior of Sr(II) by Na-rectorite. <i>Applied Clay Science</i> , 2014 , 87, 1-6	5.2	39
90	Synthesis of magnetic ion-imprinted composites and selective separation and preconcentration of U(VI). <i>Dalton Transactions</i> , 2014 , 43, 7050-6	4.3	44
89	Surface functional groups and defects on carbon nanotubes affect adsorption-desorption hysteresis of metal cations and oxoanions in water. <i>Environmental Science: Nano</i> , 2014 , 1, 488-495	7.1	57
88	Critical evaluation of adsorption-desorption hysteresis of heavy metal ions from carbon nanotubes: influence of wall number and surface functionalization. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 1144-51	4.5	22
87	Analytical approaches to the speciation of lanthanides at solid-water interfaces. <i>TrAC - Trends in Analytical Chemistry</i> , 2014 , 61, 107-132	14.6	62
86	Hierarchical GOs/Fe ₃ O ₄ /PANI magnetic composites as adsorbent for ionic dye pollution treatment. <i>RSC Advances</i> , 2014 , 4, 38192	3.7	57
85	Impact of Al ₂ O ₃ on the aggregation and deposition of graphene oxide. <i>Environmental Science & Technology</i> , 2014 , 48, 5493-500	10.3	131
84	Enhanced Electrochemical Performance of Reduced Graphene Oxides by H ₂ /Ar Plasma Treatment. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 28440-28447	3.8	24
83	Highly efficient enrichment of radionuclides on graphene oxide-supported polyaniline. <i>Environmental Science & Technology</i> , 2013 , 47, 9904-10	10.3	474
82	Adsorption of Methyl Orange Dye Onto Multiwalled Carbon Nanotubes. <i>Procedia Environmental Sciences</i> , 2013 , 18, 890-895		71

81	Eu(III) uptake on rectorite in the presence of humic acid: a macroscopic and spectroscopic study. <i>Journal of Colloid and Interface Science</i> , 2013 , 393, 249-56	9.3	40
80	Enhanced photo-reduction and removal of Cr(VI) on reduced graphene oxide decorated with TiO ₂ nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2013 , 405, 211-7	9.3	117
79	Synthesis of water-dispersible Fe ₃ O ₄ @β-cyclodextrin by plasma-induced grafting technique for pollutant treatment. <i>Chemical Engineering Journal</i> , 2013 , 229, 296-303	14.7	71
78	Enhanced photocatalytic degradation of methylene blue on multiwalled carbon nanotubes-TiO ₂ . <i>Journal of Colloid and Interface Science</i> , 2013 , 398, 234-9	9.3	120
77	Synthesis of porous Fe ₃ O ₄ hollow microspheres/graphene oxide composite for Cr(vi) removal. <i>Dalton Transactions</i> , 2013 , 42, 14710-7	4.3	148
76	Synthesizing the Composites of Graphene Oxide-Wrapped Polyaniline Hollow Microspheres for High-Performance Supercapacitors. <i>Science of Advanced Materials</i> , 2013 , 5, 1686-1693	2.3	12
75	Synthesis of graphene-based nanomaterials and their application in energy-related and environmental-related areas. <i>RSC Advances</i> , 2012 , 2, 9286	3.7	203
74	Spherical Ni(OH) ₂ nanoarchitecture grown on graphene as advanced electrochemical pseudocapacitor materials. <i>Chemical Communications</i> , 2012 , 48, 2773-5	5.8	213
73	Enhanced adsorption of Eu(III) on mesoporous Al ₂ O ₃ /expanded graphite composites investigated by macroscopic and microscopic techniques. <i>Dalton Transactions</i> , 2012 , 41, 13388-94	4.3	79
72	Mutual effects of copper and phosphate on their interaction with Al ₂ O ₃ : combined batch macroscopic experiments with DFT calculations. <i>Journal of Hazardous Materials</i> , 2012 , 237-238, 199-208	12.8	45
71	Interaction between Eu(III) and graphene oxide nanosheets investigated by batch and extended X-ray absorption fine structure spectroscopy and by modeling techniques. <i>Environmental Science & Technology</i> , 2012 , 46, 6020-7	10.3	421
70	Investigation of radionuclide ⁶⁰ Co(II) binding to TiO ₂ by batch technique, surface complexation model and DFT calculations. <i>Science China Chemistry</i> , 2012 , 55, 1752-1759	7.9	16
69	Removal of Cu(II) and fulvic acid by graphene oxide nanosheets decorated with Fe ₃ O ₄ nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 4991-5000	9.5	430
68	Graphene oxide-iron oxide and reduced graphene oxide-iron oxide hybrid materials for the removal of organic and inorganic pollutants. <i>RSC Advances</i> , 2012 , 2, 8821	3.7	259
67	Synthesis of graphene-based Pt nanoparticles by a one-step in situ plasma approach under mild conditions. <i>Applied Physics Letters</i> , 2012 , 101, 033103	3.4	22
66	Plasma Synthesis of Surface-Functionalized Graphene-Based Platinum Nanoparticles: Highly Active Electrocatalysts as Electrodes for Direct Methanol Fuel Cells. <i>ChemPlusChem</i> , 2012 , 77, 432-436	2.8	27
65	Application of polyaniline and multiwalled carbon nanotube magnetic composites for removal of Pb(II). <i>Chemical Engineering Journal</i> , 2012 , 185-186, 144-150	14.7	93
64	Enhanced photocatalytic degradation of methylene blue under visible irradiation on graphene@TiO ₂ dyade structure. <i>Applied Catalysis B: Environmental</i> , 2012 , 111-112, 303-308	21.8	333

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