Xiaoli Tan

List of Publications by Year in descending order

145 papers	11,769 citations	20817 60 h-index	28297 105 g-index
154 all docs	154 docs citations	154 times ranked	9552 citing authors

#	Article	IF	Citations
1	Homogeneous Ni nanoparticles anchored on mesoporous N-doped carbon as highly efficient catalysts for Cr(VI), tetracycline and dyes reduction. Applied Surface Science, 2022, 575, 151748.	6.1	9
2	Water treatment and environmental remediation applications of carbon-based nanomaterials. , 2022, , 229-311.		0
3	Ammonium molybdophosphate/metal-organic framework composite as an effective adsorbent for capture of Rb+ and Cs+ from aqueous solution. Journal of Solid State Chemistry, 2022, 306, 122767.	2.9	16
4	State-of-the-art progress for the selective crystallization of actinides, synthesis of actinide compounds and their functionalization. Journal of Hazardous Materials, 2022, 426, 127838.	12.4	8
5	Selective and efficient removal of radioactive ions from water with well-dispersed metal oxide nanoparticles@N-doped carbon. Separation and Purification Technology, 2022, 285, 120366.	7.9	8
6	The synergetic enhancement of piezo catalytic performance to remove tetracycline by K2Ti6O13/TiO2 composite. Journal of Alloys and Compounds, 2022, 900, 163492.	5.5	25
7	Stress modulation on photodegradation of tetracycline by Sn-doped BiOBr. Journal of Environmental Chemical Engineering, 2022, 10, 107675.	6.7	10
8	A green and economical MgO/biochar composite for the removal of U(VI) from aqueous solutions. Chemical Engineering Research and Design, 2022, 180, 391-401.	5.6	17
9	Highly efficient uranium extraction by a piezo catalytic reduction-oxidation process. Applied Catalysis B: Environmental, 2022, 310, 121343.	20.2	72
10	Construction of Ni-based N-doped mesoporous carbon sphere for efficiently catalytic dichromate reduction with HCOOH at room temperature. Separation and Purification Technology, 2022, 295, 121289.	7.9	3
11	Super-efficient extraction of U(VI) by the dual-functional sodium vanadate (Na2V6O16Â·2H2O) nanobelts. Chemical Engineering Journal, 2022, 446, 137230.	12.7	12
12	Symmetry-breaking induced piezocatalysis of Bi2S3 nanorods and boosted by alternating magnetic field. Applied Catalysis B: Environmental, 2022, 316, 121664.	20.2	48
13	Enhanced catalytic reduction of Cr(VI) with formic acid over spherical bimetallic Ni-Co nanoalloy catalysts at room temperature. Applied Surface Science, 2022, 601, 154252.	6.1	4
14	Designed Coreâ€“Shell Fe3O4@Polydopamine for Effectively Removing Uranium(VI) from Aqueous Solution. Bulletin of Environmental Contamination and Toxicology, 2021, 106, 165-174.	2.7	13
15	Nanoscale Pt₅Ni₃₆ design and synthesis for efficient oxygen reduction reaction in proton exchange membrane fuel cells. Journal of Materials Chemistry A, 2021, 9, 21051-21056.	10.3	12
16	Recent Progress on Metal-Enhanced Photocatalysis: A Review on the Mechanism. Research, 2021, 2021, 9794329.	5.7	101
17	Efficient capture of ReO4â^' on magnetic amine-functionalized MIL-101(Cr): Revealing from selectivity to mechanism. Science of the Total Environment, 2021, 771, 144840.	8.0	29
18	Rapid and selective uranium extraction from aqueous solution under visible light in the absence of solid photocatalyst. Science China Chemistry, 2021, 64, 1323-1331.	8.2	75

#	Article	IF	Citations
19	Improvement of U(VI) removal by tuning magnetic metal organic frameworks with amine ligands. Journal of Molecular Liquids, 2021, 334, 116495.	4.9	17
20	Metal-organic frameworks-derived 3D yolk shell-like structure Ni@carbon as a recyclable catalyst for Cr(VI) reduction. Chemical Engineering Journal, 2020, 389, 123428.	12.7	57
21	Porous biochar modified with polyethyleneimine (PEI) for effective enrichment of U(VI) in aqueous solution. Science of the Total Environment, 2020, 708, 134575.	8.0	89
22	Highly efficient removal of U(VI) by the photoreduction of SnO2/CdCO3/CdS nanocomposite under visible light irradiation. Applied Catalysis B: Environmental, 2020, 279, 119390.	20.2	166
23	Insight into the performance and mechanism of low-cost phytic acid modified Zn-Al-Ti LMO for U(VI) removal. Chemical Engineering Journal, 2020, 402, 125510.	12.7	50
24	U(VI) adsorption on hematite nanocrystals: Insights into the reactivity of {001} and {012} facets. Journal of Hazardous Materials, 2020, 399, 123028.	12.4	23
25	Phosphate functionalized layered double hydroxides (phos-LDH) for ultrafast and efficient U(VI) uptake from polluted solutions. Journal of Hazardous Materials, 2020, 399, 123081.	12.4	64
26	Hydrothermal deposition of titanate on biomass carbonaceous aerogel to prepare novel biomass adsorbents for Rb+ and Cs+. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 590, 124501.	4.7	18
27	Insights into mechanism on organic acids assisted translocation of uranium in Brassica juncea var. foliosa by EXAFS. Journal of Environmental Radioactivity, 2020, 218, 106254.	1.7	8
28	Fabrication of coreâ€“shell Î±-MnO₂@polydopamine nanocomposites for the efficient and ultra-fast removal of U(<scp>vi</scp>) from aqueous solution. Dalton Transactions, 2019, 48, 971-981.	3.3	21
29	Au@SiO2 hybridized Ca2B2O5Â·H2O:Tb3+ nano belts: An insight on the enhanced photoluminescence by Au nanoparticles. Journal of Alloys and Compounds, 2019, 784, 354-361.	5.5	3
30	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
31	Efficient removal of Pb²⁺ by Tb-MOFs: identifying the adsorption mechanism through experimental and theoretical investigations. Environmental Science: Nano, 2019, 6, 261-272.	4.3	111
32	Effect of co-existing Co2+ ions on the aggregation of humic acid in aquatic environment: Aggregation kinetics, dynamic properties and fluorescence spectroscopic study. Science of the Total Environment, 2019, 674, 544-553.	8.0	12
33	Mutual effects behind the simultaneous U(VI) and humic acid adsorption by hierarchical MWCNT/ZIF-8 composites. Journal of Molecular Liquids, 2019, 288, 110971.	4.9	31
34	Coupling g-C3N4 nanosheets with metal-organic frameworks as 2D/3D composite for the synergetic removal of uranyl ions from aqueous solution. Journal of Colloid and Interface Science, 2019, 550, 117-127.	9.4	84
35	Interactions between radionuclides and the oxide-water interfaces in the environment. Interface Science and Technology, 2019, 29, 39-105.	3.3	1
36	Fully phosphorylated 3D graphene oxide foam for the significantly enhanced U(VI) sequestration. Environmental Pollution, 2019, 249, 434-442.	7.5	50

#	Article	IF	Citations
37	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
38	K2Ti6O13 hybridized graphene oxide: Effective enhancement in photodegradation of RhB and photoreduction of U(VI). Environmental Pollution, 2019, 248, 448-455.	7.5	37
39	Carbon-dot-supported atomically dispersed gold as a mitochondrial oxidative stress amplifier for cancer treatment. Nature Nanotechnology, 2019, 14, 379-387.	31.5	448
40	Novel Biomassâ€Đerived Adsorbents Grafted Sodium Titanium Silicate with High Adsorption Capacity for Rb + and Cs + in the Brine. ChemistrySelect, 2019, 4, 13630-13637.	1.5	12
41	Systematic studies on the binding of metal ions in aggregates of humic acid: Aggregation kinetics, spectroscopic analyses and MD simulations. Environmental Pollution, 2019, 246, 999-1007.	7.5	62
42	Magnetic Porous Polymers Prepared via High Internal Phase Emulsions for Efficient Removal of Pb²⁺ and Cd²⁺. ACS Sustainable Chemistry and Engineering, 2018, 6, 5206-5213.	6.7	106
43	The investigation on the mechanism of the increased decay time in red SrS:Eu2+,Dy3+ phosphor. Materials Chemistry and Physics, 2018, 207, 161-166.	4.0	4
44	Enhancement of Rb+ and Cs+ removal in 3D carbon aerogel-supported Na2Ti3O7. Journal of Molecular Liquids, 2018, 262, 476-483.	4.9	30
45	Coagulation behavior of humic acid in aqueous solutions containing Cs+, Sr2+ and Eu3+: DLS, EEM and MD simulations. Environmental Pollution, 2018, 236, 835-843.	7.5	41
46	Coreâ€"shell hierarchical C@Na₂Ti₃O₇·9H₂O nanostructures for the efficient removal of radionuclides. Environmental Science: Nano, 2018, 5, 1140-1149.	4.3	66
47	Influence of pH, soil humic acid, ionic strength and temperature on sorption of U(VI) onto attapulgite. Journal of Radioanalytical and Nuclear Chemistry, 2018, 316, 981-991.	1.5	13
48	In situ carbothermal reduction synthesis of Fe nanocrystals embedded into N-doped carbon nanospheres for highly efficient U(VI) adsorption and reduction. Chemical Engineering Journal, 2018, 331, 395-405.	12.7	140
49	Selective Immobilization of Highly Valent Radionuclides by Carboxyl Functionalized Mesoporous Silica Microspheres: Batch, XPS, and EXAFS Analyses. ACS Sustainable Chemistry and Engineering, 2018, 6, 15644-15652.	6.7	41
50	Biochar Derived from Sawdust Embedded with Molybdenum Disulfide for Highly Selective Removal of Pb²⁺. ACS Applied Nano Materials, 2018, 1, 2689-2698.	5.0	85
51	Effects of humic acid and Mg2+ on morphology and aggregation behavior of silica aerogels. Journal of Molecular Liquids, 2018, 264, 261-268.	4.9	9
52	Core-shell CMNP@PDAP nanocomposites for simultaneous removal of chromium and arsenic. Chemical Engineering Journal, 2018, 349, 481-490.	12.7	52
53	Retention of U(VI) by the Formation of Fe Precipitates from Oxidation of Fe(II). ACS Earth and Space Chemistry, 2018, 2, 968-976.	2.7	20
54	FeOOH nanorods array and its application in the photoreduction of Cr(VI). Materials Letters, 2018, 231, 76-79.	2.6	10

#	Article	IF	Citations
55	The influence of dissolved Si on Ni precipitate formation at the kaolinite water interface: Kinetics, DRS and EXAFS analysis. Chemosphere, 2017, 173, 135-142.	8.2	21
56	Interaction Mechanism of Re(VII) with Zirconium Dioxide Nanoparticles Archored onto Reduced Graphene Oxides. ACS Sustainable Chemistry and Engineering, 2017, 5, 2163-2171.	6.7	70
57	Bonding properties of humic acid with attapulgite and its influence on U(VI) sorption. Chemical Geology, 2017, 464, 91-100.	3.3	51
58	Insights into key factors controlling GO stability in natural surface waters. Journal of Hazardous Materials, 2017, 335, 56-65.	12.4	64
59	Kinetic and thermodynamic studies on the interaction of europium(III) and phosphate with Î³-Al2O3. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 395-408.	1.5	3
60	Impact of graphene oxide on the antibacterial activity of antibiotics against bacteria. Environmental Science: Nano, 2017, 4, 1016-1024.	4.3	84
61	Fabrication of Coreâ€“Shell CMNP@PmPD Nanocomposite for Efficient As(V) Adsorption and Reduction. ACS Sustainable Chemistry and Engineering, 2017, 5, 4399-4407.	6.7	57
62	Fabrication of hierarchical core-shell polydopamine@MgAl-LDHs composites for the efficient enrichment of radionuclides. Applied Surface Science, 2017, 396, 1726-1735.	6.1	60
63	Effect of silicate on the sorption properties of kaolinite: removal of U(VI) and mechanism. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 1899-1907.	1.5	6
64	Investigation of U(VI) sorption on silica aerogels: Effects of specific surface area, pH and coexistent electrolyte ions. Journal of Molecular Liquids, 2017, 246, 140-148.	4.9	15
65	Synthesis of a coreâ€“shell magnetic Fe₃O₄â€“NH₂@PmPD nanocomposite for efficient removal of Cr(<scp>vi</scp>) from aqueous media. RSC Advances, 2017, 7, 36231-36241.	3.6	51
66	Characterization of the sorption behavior and mechanism of U(VI) on sericite by batch experiments and spectroscopic techniques. Journal of Radioanalytical and Nuclear Chemistry, 2017, 313, 333-342.	1.5	1
67	Cr(VI) Reduction and Immobilization by Core-Double-Shell Structured Magnetic Polydopamine@Zeolitic Idazolate Frameworks-8 Microspheres. ACS Sustainable Chemistry and Engineering, 2017, 5, 6795-6802.	6.7	211
68	Spectroscopic and modeling investigation of efficient removal of U(VI) on a novel magnesium silicate/diatomite. Separation and Purification Technology, 2017, 174, 425-431.	7.9	63
69	A carboxymethyl cellulose modified magnetic bentonite composite for efficient enrichment of radionuclides. RSC Advances, 2016, 6, 65136-65145.	3.6	12
70	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
71	Polyaniline-modified 3D-flower-like molybdenum disulfide composite for efficient adsorption/photocatalytic reduction of Cr(VI). Journal of Colloid and Interface Science, 2016, 476, 62-70.	9.4	185
72	Interaction mechanism of radionickel on Na-montmorillonite: Influences of pH, electrolyte cations, humic acid and temperature. Chemical Engineering Journal, 2016, 302, 77-85.	12.7	37

#	Article	IF	Citations
73	Characterization of Fe(III)-saturated montmorillonite and evaluation its sorption behavior for U(VI). Radiochimica Acta, 2016, 104, 481-490.	1.2	12
74	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
75	Polyaniline-Modified Mg/Al Layered Double Hydroxide Composites and Their Application in Efficient Removal of Cr(VI). ACS Sustainable Chemistry and Engineering, 2016, 4, 4361-4369.	6.7	191
76	Controlled synthesized natroalunite microtubes applied for cadmium(II) and phosphate coâ€“removal. Journal of Hazardous Materials, 2016, 314, 249-259.	12.4	26
77	A coreâ€“shell structure of polyaniline coated protonic titanate nanobelt composites for both Cr(<scp>vi</scp>) and humic acid removal. Polymer Chemistry, 2016, 7, 785-794.	3.9	146
78	Effect of pH, humic acid and addition sequences on Eu(III) sorption onto Î³-Al2O3 study by batch and time resolved laser fluorescence spectroscopy. Chemical Engineering Journal, 2016, 287, 313-320.	12.7	24
79	Experimental and theoretical studies on competitive adsorption of aromatic compounds on reduced graphene oxides. Journal of Materials Chemistry A, 2016, 4, 5654-5662.	10.3	185
80	Design of Chitosan-Grafted Carbon Nanotubes: Evaluation of How the â€“OH Functional Group Affects Cs+ Adsorption. Marine Drugs, 2015, 13, 3116-3131.	4.6	32
81	Co-sequestration of Zn(II) and phosphate by Î³-Al2O3: From macroscopic to microscopic investigation. Journal of Hazardous Materials, 2015, 297, 134-145.	12.4	22
82	Impact of environmental conditions on the sorption behavior of radionuclide 90 Sr(II) on Na-montmorillonite. Journal of Molecular Liquids, 2015, 203, 39-46.	4.9	53
83	Effect of silicate on U(VI) sorption to Î³-Al2O3: Batch and EXAFS studies. Chemical Engineering Journal, 2015, 269, 371-378.	12.7	60
84	Sorption of radionuclides from aqueous systems onto graphene oxide-based materials: a review. Inorganic Chemistry Frontiers, 2015, 2, 593-612.	6.0	154
85	Evaluation of the influence of environmental conditions on the removal of Pb(II) from wastewater by Ca-rectorite. Separation Science and Technology, 2015, , 150623132817002.	2.5	3
86	High density near amorphous InSb nanowire arrays and its photo-electric performance. Journal of Alloys and Compounds, 2015, 626, 35-41.	5.5	10
87	XPS investigation of impurities containing boron films affected by energetic deuterium implantation and thermal desorption. Journal of Nuclear Materials, 2015, 457, 118-123.	2.7	11
88	Effect of Silicate on the Formation and Stability of Niâ€“Al LDH at the Î³-Al₂O₃ Surface. Environmental Science & Technology, 2014, 48, 13138-13145.	10.0	68
89	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
90	Critical Evaluation of Adsorptionâ€“Desorption Hysteresis of Heavy Metal Ions from Carbon Nanotubes: Influence of Wall Number and Surface Functionalization. Chemistry - an Asian Journal, 2014, 9, 1144-1151.	3.3	23

#	Article	IF	Citations
91	Analytical approaches to the speciation of lanthanides at solid-water interfaces. TrAC - Trends in Analytical Chemistry, 2014, 61, 107-132.	11.4	66
92	Impact of Al₂O₃ on the Aggregation and Deposition of Graphene Oxide. Environmental Science & Technology, 2014, 48, 5493-5500.	10.0	144
93	Microscopic level investigation of Ni(II) sorption on Na-rectorite by EXAFS technique combined with statistical F-tests. Journal of Hazardous Materials, 2013, 252-253, 2-10.	12.4	28
94	Theoretical investigation of uranyl ion adsorption on hydroxylated Î³-Al2O3 surfaces. RSC Advances, 2013, 3, 19551.	3.6	37
95	Eu(III) uptake on rectorite in the presence of humic acid: A macroscopic and spectroscopic study. Journal of Colloid and Interface Science, 2013, 393, 249-256.	9.4	45
96	Coexistence of adsorption and coagulation processes of both arsenate and NOM from contaminated groundwater by nanocrystallined Mg/Al layered double hydroxides. Water Research, 2013, 47, 4159-4168.	11.3	150
97	Comparative study of graphene oxide, activated carbon and carbon nanotubes as adsorbents for copper decontamination. Dalton Transactions, 2013, 42, 5266.	3.3	188
98	One-Pot Synthesis of Water-Swellable Mgâ€“Al Layered Double Hydroxides and Graphene Oxide Nanocomposites for Efficient Removal of As(V) from Aqueous Solutions. ACS Applied Materials & Interfaces, 2013, 5, 3304-3311.	8.0	310
99	Retention of Pb(II) by a Low-Cost Magnetic Composite Prepared by Environmentally-Friendly Plasma Technique. Separation Science and Technology, 2013, 48, 1211-1219.	2.5	14
100	Effect of humic acid on nickel(ii) sorption to Ca-montmorillonite by batch and EXAFS techniques study. Dalton Transactions, 2012, 41, 10803.	3.3	39
101	Mutual effects of copper and phosphate on their interaction with Î³-Al2O3: Combined batch macroscopic experiments with DFT calculations. Journal of Hazardous Materials, 2012, 237-238, 199-208.	12.4	53
102	Interaction between Eu(III) and Graphene Oxide Nanosheets Investigated by Batch and Extended X-ray Absorption Fine Structure Spectroscopy and by Modeling Techniques. Environmental Science & Technology, 2012, 46, 6020-6027.	10.0	470
103	Investigation of radionuclide 60Co(II) binding to TiO2 by batch technique, surface complexation model and DFT calculations. Science China Chemistry, 2012, 55, 1752-1759.	8.2	17
104	Investigation of radionuclide 63Ni(II) sequestration mechanisms on mordenite by batch and EXAFS spectroscopy study. Science China Chemistry, 2012, 55, 632-642.	8.2	48
105	Macroscopic and Microscopic Investigation of Ni(II) Sequestration on Diatomite by Batch, XPS, and EXAFS Techniques. Environmental Science & Technology, 2011, 45, 7718-7726.	10.0	172
106	Removal of Pb(ii) ions from aqueous solutions on few-layered graphene oxide nanosheets. Dalton Transactions, 2011, 40, 10945.	3.3	488
107	Sorption Speciation of Nickel(ii) onto Ca-Montmorillonite: Batch, EXAFS Techniques and Modeling. Dalton Transactions, 2011, 40, 10953.	3.3	54
108	Low-temperature synthesis of Mn3O4 hollow-tetrakaidecahedrons and their application in electrochemical capacitors. CrystEngComm, 2011, 13, 4915.	2.6	84

#	Article	IF	Citations
109	Comparison of U(VI) removal from contaminated groundwater by nanoporous alumina and non-nanoporous alumina. Separation and Purification Technology, 2011, 83, 196-203.	7.9	144
110	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
111	Effect of pH, ionic strength and temperature on sorption of Pb(II) on NKF-6 zeolite studied by batch technique. Chemical Engineering Journal, 2011, 168, 86-93.	12.7	91
112	Comparative study of Pb(II) sorption on XC-72 carbon and multi-walled carbon nanotubes from aqueous solutions. Chemical Engineering Journal, 2011, 170, 170-177.	12.7	65
113	Template-free fabrication of SnO2 hollow spheres with photoluminescence from Sni. Materials Letters, 2010, 64, 2033-2035.	2.6	10
114	Sorption Speciation of Lanthanides/Actinides on Minerals by TRLFS, EXAFS and DFT Studies: A Review. Molecules, 2010, 15, 8431-8468.	3.8	143
115	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
116	Fabrication and Photoluminescence Property of SnO₂ Microtowers with Interstitial Tin Ions. Journal of Physical Chemistry C, 2009, 113, 9676-9680.	3.1	29
117	Eu(III) Sorption to TiO₂ (Anatase and Rutile): Batch, XPS, and EXAFS Studies. Environmental Science & Technology, 2009, 43, 3115-3121.	10.0	347
118	SnO2 hierarchical nanostructure and its strong narrow-band photoluminescence. Journal of Materials Chemistry, 2009, 19, 1320.	6.7	45
119	Sorption of Eu(III) on Attapulgite Studied by Batch, XPS, and EXAFS Techniques. Environmental Science & Technology, 2009, 43, 5776-5782.	10.0	308
120	Surface complexation modeling of Sr(II) and Eu(III) adsorption onto oxidized multiwall carbon nanotubes. Journal of Colloid and Interface Science, 2008, 323, 33-41.	9.4	163
121	Removal of Pb(II) from aqueous solution by oxidized multiwalled carbon nanotubes. Journal of Hazardous Materials, 2008, 154, 407-416.	12.4	375
122	Sorption of Pb(II) on Na-rectorite: Effects of pH, ionic strength, temperature, soil humic acid and fulvic acid. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 328, 8-14.	4.7	95
123	Counterion effects of nickel and sodium dodecylbenzene sulfonate adsorption to multiwalled carbon nanotubes in aqueous solution. Carbon, 2008, 46, 1741-1750.	10.3	186
124	Adsorption and kinetic desorption study of ¹⁵²⁺¹⁵⁴Eu(III) on multiwall carbon nanotubes from aqueous solution by using chelating resin and XPS methods. Radiochimica Acta, 2008, 96, 23-29.	1.2	72
125	One-dimensional hollow SrS nanostructure with red long-lasting phosphorescence. Journal of Alloys and Compounds, 2008, 457, 413-416.	5.5	19
126	Sorption of Ni2+ on Na-rectorite studied by batch and spectroscopy methods. Applied Geochemistry, 2008, 23, 2767-2777.	3.0	119

#	Article	IF	Citations
127	Adsorption of Pb(II) from aqueous solution to MX-80 bentonite: Effect of pH, ionic strength, foreign ions and temperature. Applied Clay Science, 2008, 41, 37-46.	5.2	255
128	Sorption of Eu(III) on Humic Acid or Fulvic Acid Bound to Hydrous Alumina Studied by SEM-EDS, XPS, TRLFS, and Batch Techniques. Environmental Science & Technology, 2008, 42, 6532-6537.	10.0	272
129	Characterization of Lin'an montmorillonite and its application in the removal of Ni²⁺ from aqueous solutions. Radiochimica Acta, 2008, 96, 487-495.	1.2	51
130	Preparation of TiO₂/Multiwalled Carbon Nanotube Composites and Their Applications in Photocatalytic Reduction of Cr(VI) Study. Journal of Nanoscience and Nanotechnology, 2008, 8, 5624-5631.	0.9	29
131	Sorption of Th(IV) on Na-rectorite: Effect of HA, ionic strength, foreign ions and temperature. Applied Geochemistry, 2007, 22, 2892-2906.	3.0	72
132	Impurity induced formation of Sn2+ions in SnO2and the photoluminescence property. Journal Physics D: Applied Physics, 2007, 40, 7648-7651.	2.8	17
133	Effect of soil humic and fulvic acids, pH and ionic strength on Th(IV) sorption to TiO2 nanoparticles. Applied Radiation and Isotopes, 2007, 65, 375-381.	1.5	117
134	Sorption and desorption of Th(IV) on nanoparticles of anatase studied by batch and spectroscopy methods. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 296, 109-116.	4.7	135
135	Adsorption kinetic, thermodynamic and desorption studies of Th(IV) on oxidized multi-wall carbon nanotubes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 302, 449-454.	4.7	186
136	Sorption behavior of Co(II) on Î³-Al2O3 in the presence of humic acid. Journal of Radioanalytical and Nuclear Chemistry, 2007, 273, 227-233.	1.5	48
137	Sorption and complexation of Eu(III) on alumina: Effects of pH, ionic strength, humic acid and chelating resin on kinetic dissociation study. Applied Radiation and Isotopes, 2006, 64, 414-421.	1.5	52
138	Influence of soil humic acid and fulvic acid on sorption of thorium(IV) on MX-80 bentonite. Radiochimica Acta, 2006, 94, 429-434.	1.2	95
139	Study of nano-Au-assembled amperometric CO gas sensor. Sensors and Actuators B: Chemical, 2005, 107, 866-871.	7.8	23
140	The concentration and pH dependent diffusion of 137Cs in compacted bentonite by using capillary method. Journal of Nuclear Materials, 2005, 345, 184-191.	2.7	32
141	Simulation of radionuclides 99Tc and 243Am migration in compacted bentonite. Applied Radiation and Isotopes, 2005, 62, 759-764.	1.5	18
142	Sorption and desorption of Eu(III) on alumina. Journal of Radioanalytical and Nuclear Chemistry, 2005, 266, 419-424.	1.5	28
143	Diffusion and sorption of U(VI) in compacted bentonite studied by a capillary method. Radiochimica Acta, 2005, 93, 273-278.	1.2	73
144	Effect of pH and Aging Time on the Kinetic Dissociation of243Am(III) from Humic Acid-Coated Î³-Al2O3: A Chelating Resin Exchange Study. Environmental Science & Technology, 2005, 39, 7084-7088.	10.0	109

#	Article	IF	Citations
145	Synthesis and study of the surface properties of long-chain alkylnaphthalene sulfonates. Journal of Surfactants and Detergents, 2004, 7, 135-139.	2.1	11