

Xiaoli Tan

List of Publications by Year in descending order

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145
papers

11,769
citations

20759

60
h-index

28224

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. <i>Applied Surface Science</i> , 2022, 575, 151748.	3.1	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. <i>Journal of Solid State Chemistry</i> , 2022, 306, 122767.	1.4	16
4	State-of-the-art progress for the selective crystallization of actinides, synthesis of actinide compounds and their functionalization. <i>Journal of Hazardous Materials</i> , 2022, 426, 127838.	6.5	8
5	Selective and efficient removal of radioactive ions from water with well-dispersed metal oxide nanoparticles@N-doped carbon. <i>Separation and Purification Technology</i> , 2022, 285, 120366.	3.9	8
6	The synergetic enhancement of piezo catalytic performance to remove tetracycline by K ₂ Ti ₆ O ₁₃ /TiO ₂ composite. <i>Journal of Alloys and Compounds</i> , 2022, 900, 163492.	2.8	25
7	Stress modulation on photodegradation of tetracycline by Sn-doped BiOBr. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107675.	3.3	10
8	A green and economical MgO/biochar composite for the removal of U(VI) from aqueous solutions. <i>Chemical Engineering Research and Design</i> , 2022, 180, 391-401.	2.7	17
9	Highly efficient uranium extraction by a piezo catalytic reduction-oxidation process. <i>Applied Catalysis B: Environmental</i> , 2022, 310, 121343.	10.8	72
10	Construction of Ni-based N-doped mesoporous carbon sphere for efficiently catalytic dichromate reduction with HCOOH at room temperature. <i>Separation and Purification Technology</i> , 2022, 295, 121289.	3.9	3
11	Super-efficient extraction of U(VI) by the dual-functional sodium vanadate (Na ₂ V ₆ O ₁₆ ·2H ₂ O) nanobelts. <i>Chemical Engineering Journal</i> , 2022, 446, 137230.	6.6	12
12	Symmetry-breaking induced piezocatalysis of Bi ₂ S ₃ nanorods and boosted by alternating magnetic field. <i>Applied Catalysis B: Environmental</i> , 2022, 316, 121664.	10.8	48
13	Enhanced catalytic reduction of Cr(VI) with formic acid over spherical bimetallic Ni-Co nanoalloy catalysts at room temperature. <i>Applied Surface Science</i> , 2022, 601, 154252.	3.1	4
14	Designed Core-Shell Fe ₃ O ₄ @Polydopamine for Effectively Removing Uranium(VI) from Aqueous Solution. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 106, 165-174.	1.3	13
15	Nanoscale Pt ₅ Ni ₃₆ design and synthesis for efficient oxygen reduction reaction in proton exchange membrane fuel cells. <i>Journal of Materials Chemistry A</i> , 2021, 9, 21051-21056.	5.2	12
16	Recent Progress on Metal-Enhanced Photocatalysis: A Review on the Mechanism. <i>Research</i> , 2021, 2021, 9794329.	2.8	101
17	Efficient capture of ReO ₄ ⁻ on magnetic amine-functionalized MIL-101(Cr): Revealing from selectivity to mechanism. <i>Science of the Total Environment</i> , 2021, 771, 144840.	3.9	29
18	Rapid and selective uranium extraction from aqueous solution under visible light in the absence of solid photocatalyst. <i>Science China Chemistry</i> , 2021, 64, 1323-1331.	4.2	75

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19	Improvement of U(VI) removal by tuning magnetic metal organic frameworks with amine ligands. <i>Journal of Molecular Liquids</i> , 2021, 334, 116495.	2.3	17
20	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.	6.6	57
21	Porous biochar modified with polyethyleneimine (PEI) for effective enrichment of U(VI) in aqueous solution. <i>Science of the Total Environment</i> , 2020, 708, 134575.	3.9	89
22	Highly efficient removal of U(VI) by the photoreduction of SnO ₂ /CdCO ₃ /CdS nanocomposite under visible light irradiation. <i>Applied Catalysis B: Environmental</i> , 2020, 279, 119390.	10.8	166
23	Insight into the performance and mechanism of low-cost phytic acid modified Zn-Al-Ti LMO for U(VI) removal. <i>Chemical Engineering Journal</i> , 2020, 402, 125510.	6.6	50
24	U(VI) adsorption on hematite nanocrystals: Insights into the reactivity of {001} and {012} facets. <i>Journal of Hazardous Materials</i> , 2020, 399, 123028.	6.5	23
25	Phosphate functionalized layered double hydroxides (phos-LDH) for ultrafast and efficient U(VI) uptake from polluted solutions. <i>Journal of Hazardous Materials</i> , 2020, 399, 123081.	6.5	64
26	Hydrothermal deposition of titanate on biomass carbonaceous aerogel to prepare novel biomass adsorbents for Rb ⁺ and Cs ⁺ . <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 590, 124501.	2.3	18
27	Insights into mechanism on organic acids assisted translocation of uranium in <i>Brassica juncea</i> var. <i>foliosa</i> by EXAFS. <i>Journal of Environmental Radioactivity</i> , 2020, 218, 106254.	0.9	8
28	Fabrication of core-shell MnO ₂ @polydopamine nanocomposites for the efficient and ultra-fast removal of U(VI) from aqueous solution. <i>Dalton Transactions</i> , 2019, 48, 971-981.	1.6	21
29	Au@SiO ₂ hybridized Ca ₂ B ₂ O ₅ ·H ₂ O:Tb ³⁺ nano belts: An insight on the enhanced photoluminescence by Au nanoparticles. <i>Journal of Alloys and Compounds</i> , 2019, 784, 354-361.	2.8	3
30	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.	0.7	15
31	Efficient removal of Pb ²⁺ by Tb-MOFs: identifying the adsorption mechanism through experimental and theoretical investigations. <i>Environmental Science: Nano</i> , 2019, 6, 261-272.	2.2	111
32	Effect of co-existing Co ²⁺ ions on the aggregation of humic acid in aquatic environment: Aggregation kinetics, dynamic properties and fluorescence spectroscopic study. <i>Science of the Total Environment</i> , 2019, 674, 544-553.	3.9	12
33	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.	2.3	31
34	Coupling g-C ₃ N ₄ 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.	5.0	84
35	Interactions between radionuclides and the oxide-water interfaces in the environment. <i>Interface Science and Technology</i> , 2019, 29, 39-105.	1.6	1
36	Fully phosphorylated 3D graphene oxide foam for the significantly enhanced U(VI) sequestration. <i>Environmental Pollution</i> , 2019, 249, 434-442.	3.7	50

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37	Two-dimensional copper-based metal-organic frameworks nano-sheets composites: One-step synthesis and highly efficient U(VI) immobilization. <i>Journal of Hazardous Materials</i> , 2019, 373, 580-590.	6.5	65
38	K ₂ Ti ₆ O ₁₃ hybridized graphene oxide: Effective enhancement in photodegradation of RhB and photoreduction of U(VI). <i>Environmental Pollution</i> , 2019, 248, 448-455.	3.7	37
39	Carbon-dot-supported atomically dispersed gold as a mitochondrial oxidative stress amplifier for cancer treatment. <i>Nature Nanotechnology</i> , 2019, 14, 379-387.	15.6	448
40	Novel Biomass-Derived Adsorbents Grafted Sodium Titanium Silicate with High Adsorption Capacity for Rb ⁺ and Cs ⁺ in the Brine. <i>ChemistrySelect</i> , 2019, 4, 13630-13637.	0.7	12
41	Systematic studies on the binding of metal ions in aggregates of humic acid: Aggregation kinetics, spectroscopic analyses and MD simulations. <i>Environmental Pollution</i> , 2019, 246, 999-1007.	3.7	62
42	Magnetic Porous Polymers Prepared via High Internal Phase Emulsions for Efficient Removal of Pb ²⁺ and Cd ²⁺ . <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 5206-5213.	3.2	106
43	The investigation on the mechanism of the increased decay time in red SrS:Eu ²⁺ , Dy ³⁺ phosphor. <i>Materials Chemistry and Physics</i> , 2018, 207, 161-166.	2.0	4
44	Enhancement of Rb ⁺ and Cs ⁺ removal in 3D carbon aerogel-supported Na ₂ Ti ₃ O ₇ . <i>Journal of Molecular Liquids</i> , 2018, 262, 476-483.	2.3	30
45	Coagulation behavior of humic acid in aqueous solutions containing Cs ⁺ , Sr ²⁺ and Eu ³⁺ : DLS, EEM and MD simulations. <i>Environmental Pollution</i> , 2018, 236, 835-843.	3.7	41
46	Core-shell hierarchical C@Na ₂ Ti ₃ O ₇ ·9H ₂ O nanostructures for the efficient removal of radionuclides. <i>Environmental Science: Nano</i> , 2018, 5, 1140-1149.	2.2	66
47	Influence of pH, soil humic acid, ionic strength and temperature on sorption of U(VI) onto attapulgite. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 316, 981-991.	0.7	13
48	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.	6.6	140
49	Selective Immobilization of Highly Valent Radionuclides by Carboxyl Functionalized Mesoporous Silica Microspheres: Batch, XPS, and EXAFS Analyses. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 15644-15652.	3.2	41
50	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.	2.4	85
51	Effects of humic acid and Mg ²⁺ on morphology and aggregation behavior of silica aerogels. <i>Journal of Molecular Liquids</i> , 2018, 264, 261-268.	2.3	9
52	Core-shell CMNP@PDAP nanocomposites for simultaneous removal of chromium and arsenic. <i>Chemical Engineering Journal</i> , 2018, 349, 481-490.	6.6	52
53	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.	1.2	20
54	FeOOH nanorods array and its application in the photoreduction of Cr(VI). <i>Materials Letters</i> , 2018, 231, 76-79.	1.3	10

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55	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.	4.2	21
56	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.	3.2	70
57	Bonding properties of humic acid with attapulgite and its influence on U(VI) sorption. <i>Chemical Geology</i> , 2017, 464, 91-100.	1.4	51
58	Insights into key factors controlling GO stability in natural surface waters. <i>Journal of Hazardous Materials</i> , 2017, 335, 56-65.	6.5	64
59	Kinetic and thermodynamic studies on the interaction of europium(III) and phosphate with Al_2O_3 . <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 311, 395-408.	0.7	3
60	Impact of graphene oxide on the antibacterial activity of antibiotics against bacteria. <i>Environmental Science: Nano</i> , 2017, 4, 1016-1024.	2.2	84
61	Fabrication of Core-Shell CMNP@PmPD Nanocomposite for Efficient As(V) Adsorption and Reduction. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 4399-4407.	3.2	57
62	Fabrication of hierarchical core-shell polydopamine@MgAl-LDHs composites for the efficient enrichment of radionuclides. <i>Applied Surface Science</i> , 2017, 396, 1726-1735.	3.1	60
63	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.	0.7	6
64	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.	2.3	15
65	Synthesis of a core-shell magnetic $\text{Fe}_3\text{O}_4\text{-NH}_2$ @PmPD nanocomposite for efficient removal of Cr(VI) from aqueous media. <i>RSC Advances</i> , 2017, 7, 36231-36241.	1.7	51
66	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.	0.7	1
67	Cr(VI) Reduction and Immobilization by Core-Double-Shell Structured Magnetic Polydopamine@Zeolitic Imidazolate Frameworks-8 Microspheres. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 6795-6802.	3.2	211
68	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.	3.9	63
69	A carboxymethyl cellulose modified magnetic bentonite composite for efficient enrichment of radionuclides. <i>RSC Advances</i> , 2016, 6, 65136-65145.	1.7	12
70	Multifunctional flexible free-standing titanate nanobelt membranes as efficient sorbents for the removal of radioactive $^{90}\text{Sr}^{2+}$ and $^{137}\text{Cs}^+$ ions and oils. <i>Scientific Reports</i> , 2016, 6, 20920.	1.6	52
71	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.	5.0	185
72	Interaction mechanism of radionickel on Na-montmorillonite: Influences of pH, electrolyte cations, humic acid and temperature. <i>Chemical Engineering Journal</i> , 2016, 302, 77-85.	6.6	37

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73	Characterization of Fe(III)-saturated montmorillonite and evaluation its sorption behavior for U(VI). <i>Radiochimica Acta</i> , 2016, 104, 481-490.	0.5	12
74	New Insight into GO, Cadmium(II), Phosphate Interaction and Its Role in GO Colloidal Behavior. <i>Environmental Science & Technology</i> , 2016, 50, 9361-9369.	4.6	85
75	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.	3.2	191
76	Controlled synthesized natroalunite microtubes applied for cadmium(II) and phosphate removal. <i>Journal of Hazardous Materials</i> , 2016, 314, 249-259.	6.5	26
77	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.	1.9	146
78	Effect of pH, humic acid and addition sequences on Eu(III) sorption onto γ -Al ₂ O ₃ study by batch and time resolved laser fluorescence spectroscopy. <i>Chemical Engineering Journal</i> , 2016, 287, 313-320.	6.6	24
79	Experimental and theoretical studies on competitive adsorption of aromatic compounds on reduced graphene oxides. <i>Journal of Materials Chemistry A</i> , 2016, 4, 5654-5662.	5.2	185
80	Design of Chitosan-Grafted Carbon Nanotubes: Evaluation of How the -OH Functional Group Affects Cs ⁺ Adsorption. <i>Marine Drugs</i> , 2015, 13, 3116-3131.	2.2	32
81	Co-sequestration of Zn(II) and phosphate by γ -Al ₂ O ₃ : From macroscopic to microscopic investigation. <i>Journal of Hazardous Materials</i> , 2015, 297, 134-145.	6.5	22
82	Impact of environmental conditions on the sorption behavior of radionuclide ⁹⁰ Sr(II) on Na-montmorillonite. <i>Journal of Molecular Liquids</i> , 2015, 203, 39-46.	2.3	53
83	Effect of silicate on U(VI) sorption to γ -Al ₂ O ₃ : Batch and EXAFS studies. <i>Chemical Engineering Journal</i> , 2015, 269, 371-378.	6.6	60
84	Sorption of radionuclides from aqueous systems onto graphene oxide-based materials: a review. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 593-612.	3.0	154
85	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.	1.3	3
86	High density near amorphous InSb nanowire arrays and its photo-electric performance. <i>Journal of Alloys and Compounds</i> , 2015, 626, 35-41.	2.8	10
87	XPS investigation of impurities containing boron films affected by energetic deuterium implantation and thermal desorption. <i>Journal of Nuclear Materials</i> , 2015, 457, 118-123.	1.3	11
88	Effect of Silicate on the Formation and Stability of Ni-Al LDH at the γ -Al ₂ O ₃ Surface. <i>Environmental Science & Technology</i> , 2014, 48, 13138-13145.	4.6	68
89	Water-soluble polyacrylamide coated-Fe ₃ O ₄ magnetic composites for high-efficient enrichment of U(VI) from radioactive wastewater. <i>Chemical Engineering Journal</i> , 2014, 246, 268-276.	6.6	137
90	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, 1144-1151.	1.7	23

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91	Analytical approaches to the speciation of lanthanides at solid-water interfaces. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 61, 107-132.	5.8	66
92	Impact of Al ₂ O ₃ on the Aggregation and Deposition of Graphene Oxide. <i>Environmental Science & Technology</i> , 2014, 48, 5493-5500.	4.6	144
93	Microscopic level investigation of Ni(II) sorption on Na-rectorite by EXAFS technique combined with statistical F-tests. <i>Journal of Hazardous Materials</i> , 2013, 252-253, 2-10.	6.5	28
94	Theoretical investigation of uranyl ion adsorption on hydroxylated γ -Al ₂ O ₃ surfaces. <i>RSC Advances</i> , 2013, 3, 19551.	1.7	37
95	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, 249-256.	5.0	45
96	Coexistence of adsorption and coagulation processes of both arsenate and NOM from contaminated groundwater by nanocrystallined Mg/Al layered double hydroxides. <i>Water Research</i> , 2013, 47, 4159-4168.	5.3	150
97	Comparative study of graphene oxide, activated carbon and carbon nanotubes as adsorbents for copper decontamination. <i>Dalton Transactions</i> , 2013, 42, 5266.	1.6	188
98	One-Pot Synthesis of Water-Swellable Mg-Al Layered Double Hydroxides and Graphene Oxide Nanocomposites for Efficient Removal of As(V) from Aqueous Solutions. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 3304-3311.	4.0	310
99	Retention of Pb(II) by a Low-Cost Magnetic Composite Prepared by Environmentally-Friendly Plasma Technique. <i>Separation Science and Technology</i> , 2013, 48, 1211-1219.	1.3	14
100	Effect of humic acid on nickel(ii) sorption to Ca-montmorillonite by batch and EXAFS techniques study. <i>Dalton Transactions</i> , 2012, 41, 10803.	1.6	39
101	Mutual effects of copper and phosphate on their interaction with γ -Al ₂ O ₃ : Combined batch macroscopic experiments with DFT calculations. <i>Journal of Hazardous Materials</i> , 2012, 237-238, 199-208.	6.5	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. <i>Environmental Science & Technology</i> , 2012, 46, 6020-6027.	4.6	470
103	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.	4.2	17
104	Investigation of radionuclide ⁶³ Ni(II) sequestration mechanisms on mordenite by batch and EXAFS spectroscopy study. <i>Science China Chemistry</i> , 2012, 55, 632-642.	4.2	48
105	Macroscopic and Microscopic Investigation of Ni(II) Sequestration on Diatomite by Batch, XPS, and EXAFS Techniques. <i>Environmental Science & Technology</i> , 2011, 45, 7718-7726.	4.6	172
106	Removal of Pb(ii) ions from aqueous solutions on few-layered graphene oxide nanosheets. <i>Dalton Transactions</i> , 2011, 40, 10945.	1.6	488
107	Sorption Speciation of Nickel(ii) onto Ca-Montmorillonite: Batch, EXAFS Techniques and Modeling. <i>Dalton Transactions</i> , 2011, 40, 10953.	1.6	54
108	Low-temperature synthesis of Mn ₃ O ₄ hollow-tetrahedra and their application in electrochemical capacitors. <i>CrystEngComm</i> , 2011, 13, 4915.	1.3	84

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109	Comparison of U(VI) removal from contaminated groundwater by nanoporous alumina and non-nanoporous alumina. <i>Separation and Purification Technology</i> , 2011, 83, 196-203.	3.9	144
110	Effect of surfactants on Pb(II) adsorption from aqueous solutions using oxidized multiwall carbon nanotubes. <i>Chemical Engineering Journal</i> , 2011, 166, 551-558.	6.6	151
111	Effect of pH, ionic strength and temperature on sorption of Pb(II) on NKF-6 zeolite studied by batch technique. <i>Chemical Engineering Journal</i> , 2011, 168, 86-93.	6.6	91
112	Comparative study of Pb(II) sorption on XC-72 carbon and multi-walled carbon nanotubes from aqueous solutions. <i>Chemical Engineering Journal</i> , 2011, 170, 170-177.	6.6	65
113	Template-free fabrication of SnO ₂ hollow spheres with photoluminescence from Sn. <i>Materials Letters</i> , 2010, 64, 2033-2035.	1.3	10
114	Sorption Speciation of Lanthanides/Actinides on Minerals by TRLFS, EXAFS and DFT Studies: A Review. <i>Molecules</i> , 2010, 15, 8431-8468.	1.7	143
115	Adsorption of Eu(III) onto TiO ₂ : Effect of pH, concentration, ionic strength and soil fulvic acid. <i>Journal of Hazardous Materials</i> , 2009, 168, 458-465.	6.5	183
116	Fabrication and Photoluminescence Property of SnO ₂ Microtowers with Interstitial Tin Ions. <i>Journal of Physical Chemistry C</i> , 2009, 113, 9676-9680.	1.5	29
117	Eu(III) Sorption to TiO ₂ (Anatase and Rutile): Batch, XPS, and EXAFS Studies. <i>Environmental Science & Technology</i> , 2009, 43, 3115-3121.	4.6	347
118	SnO ₂ hierarchical nanostructure and its strong narrow-band photoluminescence. <i>Journal of Materials Chemistry</i> , 2009, 19, 1320.	6.7	45
119	Sorption of Eu(III) on Attapulgite Studied by Batch, XPS, and EXAFS Techniques. <i>Environmental Science & Technology</i> , 2009, 43, 5776-5782.	4.6	308
120	Surface complexation modeling of Sr(II) and Eu(III) adsorption onto oxidized multiwall carbon nanotubes. <i>Journal of Colloid and Interface Science</i> , 2008, 323, 33-41.	5.0	163
121	Removal of Pb(II) from aqueous solution by oxidized multiwalled carbon nanotubes. <i>Journal of Hazardous Materials</i> , 2008, 154, 407-416.	6.5	375
122	Sorption of Pb(II) on Na-rectorite: Effects of pH, ionic strength, temperature, soil humic acid and fulvic acid. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 328, 8-14.	2.3	95
123	Counterion effects of nickel and sodium dodecylbenzene sulfonate adsorption to multiwalled carbon nanotubes in aqueous solution. <i>Carbon</i> , 2008, 46, 1741-1750.	5.4	186
124	Adsorption and kinetic desorption study of ¹⁵²⁺¹⁵⁴ Eu(III) on multiwall carbon nanotubes from aqueous solution by using chelating resin and XPS methods. <i>Radiochimica Acta</i> , 2008, 96, 23-29.	0.5	72
125	One-dimensional hollow SrS nanostructure with red long-lasting phosphorescence. <i>Journal of Alloys and Compounds</i> , 2008, 457, 413-416.	2.8	19
126	Sorption of Ni ²⁺ on Na-rectorite studied by batch and spectroscopy methods. <i>Applied Geochemistry</i> , 2008, 23, 2767-2777.	1.4	119

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127	Adsorption of Pb(II) from aqueous solution to MX-80 bentonite: Effect of pH, ionic strength, foreign ions and temperature. <i>Applied Clay Science</i> , 2008, 41, 37-46.	2.6	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. <i>Environmental Science & Technology</i> , 2008, 42, 6532-6537.	4.6	272
129	Characterization of Lin'an montmorillonite and its application in the removal of Ni ²⁺ from aqueous solutions. <i>Radiochimica Acta</i> , 2008, 96, 487-495.	0.5	51
130	Preparation of TiO ₂ /Multiwalled Carbon Nanotube Composites and Their Applications in Photocatalytic Reduction of Cr(VI) Study. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 5624-5631.	0.9	29
131	Sorption of Th(IV) on Na-rectorite: Effect of HA, ionic strength, foreign ions and temperature. <i>Applied Geochemistry</i> , 2007, 22, 2892-2906.	1.4	72
132	Impurity induced formation of Sn ²⁺ ions in SnO ₂ and the photoluminescence property. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 7648-7651.	1.3	17
133	Effect of soil humic and fulvic acids, pH and ionic strength on Th(IV) sorption to TiO ₂ nanoparticles. <i>Applied Radiation and Isotopes</i> , 2007, 65, 375-381.	0.7	117
134	Sorption and desorption of Th(IV) on nanoparticles of anatase studied by batch and spectroscopy methods. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 296, 109-116.	2.3	135
135	Adsorption kinetic, thermodynamic and desorption studies of Th(IV) on oxidized multi-wall carbon nanotubes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 302, 449-454.	2.3	186
136	Sorption behavior of Co(II) on ¹³ Al ₂ O ₃ in the presence of humic acid. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2007, 273, 227-233.	0.7	48
137	Sorption and complexation of Eu(III) on alumina: Effects of pH, ionic strength, humic acid and chelating resin on kinetic dissociation study. <i>Applied Radiation and Isotopes</i> , 2006, 64, 414-421.	0.7	52
138	Influence of soil humic acid and fulvic acid on sorption of thorium(IV) on MX-80 bentonite. <i>Radiochimica Acta</i> , 2006, 94, 429-434.	0.5	95
139	Study of nano-Au-assembled amperometric CO gas sensor. <i>Sensors and Actuators B: Chemical</i> , 2005, 107, 866-871.	4.0	23
140	The concentration and pH dependent diffusion of ¹³⁷ Cs in compacted bentonite by using capillary method. <i>Journal of Nuclear Materials</i> , 2005, 345, 184-191.	1.3	32
141	Simulation of radionuclides ⁹⁹ Tc and ²⁴³ Am migration in compacted bentonite. <i>Applied Radiation and Isotopes</i> , 2005, 62, 759-764.	0.7	18
142	Sorption and desorption of Eu(III) on alumina. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2005, 266, 419-424.	0.7	28
143	Diffusion and sorption of U(VI) in compacted bentonite studied by a capillary method. <i>Radiochimica Acta</i> , 2005, 93, 273-278.	0.5	73
144	Effect of pH and Aging Time on the Kinetic Dissociation of ²⁴³ Am(III) from Humic Acid-Coated ¹³ Al ₂ O ₃ : A Chelating Resin Exchange Study. <i>Environmental Science & Technology</i> , 2005, 39, 7084-7088.	4.6	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.	1.0	11