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List of Publications by Year
in descending order

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34 papers	1,206 citations	430874 18 h-index	377865 34 g-index
34 all docs	34 docs citations	34 times ranked	769 citing authors

#	Article	IF	Citations
1	Insights into sorption speciation of uranium on phlogopite: Evidence from TRLFS and DFT calculation. Journal of Hazardous Materials, 2022, 427, 128164.	12.4	11
2	Co-transport and co-release of Eu(III) with bentonite colloids in saturated porous sand columns: Controlling factors and governing mechanisms. Environmental Pollution, 2022, 298, 118842.	7.5	14
3	China's progress in radionuclide migration study over the past decade (2010â€“2021): Sorption, transport and radioactive colloid. Chinese Chemical Letters, 2022, 33, 3405-3412.	9.0	10
4	Efficient photoreduction strategy for uranium immobilization based on graphite carbon nitride/activated carbon nanocomposites. Chinese Chemical Letters, 2022, 33, 3581-3584.	9.0	14
5	Opportunities and challenges of high-pressure ion exchange chromatography for nuclide separation and enrichment. Chinese Chemical Letters, 2022, 33, 3413-3421.	9.0	8
6	Removal of Cu(II) Contamination from Aqueous Solution by Ethylenediamine@Î²-Zeolite Composite. Molecules, 2021, 26, 978.	3.8	2
7	An Efficient Uranium Adsorption Magnetic Platform Based on Amidoxime-Functionalized Flower-like Fe₃O₄@TiO₂ Coreâ€“Shell Microspheres. ACS Applied Materials & Interfaces, 2021, 13, 17931-17939.	8.0	104
8	Colloidal stability and correlated migration of illite in the aquatic environment: The roles of pH, temperature, multiple cations and humic acid. Science of the Total Environment, 2021, 768, 144174.	8.0	26
9	Adsorption characteristics of Eu(III) on colloidal bentonite particles in aqueous solution: impact of colloid concentration, pH, foreign ions, and temperature. Journal of Radioanalytical and Nuclear Chemistry, 2021, 330, 765-773.	1.5	8
10	Facile Vacuum Annealing-Induced Modification of TiO₂ with an Enhanced Photocatalytic Performance. ACS Omega, 2021, 6, 27121-27128.	3.5	5
11	Mechanisms of bentonite colloid aggregation, retention, and release in saturated porous media: Role of counter ions and humic acid. Science of the Total Environment, 2021, 793, 148545.	8.0	26
12	Efficient photoreduction strategy for uranium immobilization based on graphite carbon nitride/perovskite oxide heterojunction nanocomposites. Applied Catalysis B: Environmental, 2021, 298, 120625.	20.2	51
13	Tunable mesoporous g-C3N4 nanosheets as a metal-free catalyst for enhanced visible-light-driven photocatalytic reduction of U(VI). Chemical Engineering Journal, 2020, 383, 123193.	12.7	117
14	Rapid separation of Po-210 from Pb-210 based on the usage of a commercial Sr-Specific chromatographic resin. Journal of Environmental Radioactivity, 2020, 211, 106083.	1.7	5
15	Kinetic determination of sedimentation for GMZ bentonite colloids in aqueous solution: Effect of pH, temperature and electrolyte concentration. Applied Clay Science, 2020, 184, 105393.	5.2	29
16	Stability Analysis of GMZ Bentonite Colloids: Aggregation Mechanism Transition and the Edge Effect in Strongly Alkaline Conditions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 601, 125020.	4.7	13
17	Visible light driven Ti3+ self-doped TiO2 for adsorption-photocatalysis of aqueous U(VI). Environmental Pollution, 2020, 262, 114373.	7.5	96
18	Insight into the stability and correlated transport of kaolinite colloid: Effect of pH, electrolytes and humic substances. Environmental Pollution, 2020, 266, 115189.	7.5	31

#	Article	IF	Citations
19	Efficient recovery of uranium from saline lake brine through photocatalytic reduction. Journal of Molecular Liquids, 2020, 308, 113007.	4.9	29
20	An overview and recent progress in the heterogeneous photocatalytic reduction of U(VI). Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2019, 41, 100320.	11.6	97
21	Photoconversion of U(VI) by TiO2: An efficient strategy for seawater uranium extraction. Chemical Engineering Journal, 2019, 365, 231-241.	12.7	191
22	Radionuclides sorption on typical clay minerals: Modeling and spectroscopies. Interface Science and Technology, 2019, , 1-38.	3.3	13
23	Heterostructure of anatase-rutile aggregates boosting the photoreduction of U(VI). Applied Surface Science, 2019, 483, 670-676.	6.1	43
24	Adsorption properties of Na-palygorskite for Cs sequestration: Effect of pH, ionic strength, humic acid and temperature. Applied Clay Science, 2019, 183, 105363.	5.2	21
25	Interaction of environmental colloids and radionuclides: a brief review. Scientia Sinica Chimica, 2019, 49, 12-26.	0.4	2
26	Retardation of hexavalent uranium in muscovite environment: a batch study. Radiochimica Acta, 2018, 106, 559-567.	1.2	10
27	Stability of GMZ bentonite colloids: Aggregation kinetic and reversibility study. Applied Clay Science, 2018, 161, 436-443.	5.2	23
28	Arsenazo-functionalized magnetic carbon composite for uranium(VI) removal from aqueous solution. Journal of Molecular Liquids, 2018, 269, 441-449.	4.9	45
29	Succinamic Acid Grafted Nanosilica for the Preconcentration of U(VI) from Aqueous Solution. Industrial & Engineering Chemistry Research, 2017, 56, 2221-2228.	3.7	12
30	Removal of U(VI) from aqueous solution using synthesized Î²-zeolite and its ethylenediamine derivative. Journal of Molecular Liquids, 2017, 234, 40-48.	4.9	19
31	Removal of Nickel(II) from Aqueous Solutions Using Synthesized Î²-Zeolite and Its Ethylenediamine Derivative. Industrial & Engineering Chemistry Research, 2017, 56, 3067-3076.	3.7	16
32	Removal of uranium contaminant from aqueous solution by chitosan@attapulgite composite. Separation and Purification Technology, 2017, 177, 86-93.	7.9	68
33	Retention of Eu(III) in muscovite environment: Batch and spectroscopic studies. Chemical Engineering Journal, 2017, 330, 559-565.	12.7	29
34	The sorption mechanisms of Th(IV) on attapulgite. Science China Chemistry, 2011, 54, 1138-1147.	8.2	18