

# Duoqiang Pan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2813868/publications.pdf>

Version: 2024-02-01

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	Photoconversion of U(VI) by TiO <sub>2</sub> : An efficient strategy for seawater uranium extraction. <i>Chemical Engineering Journal</i> , 2019, 365, 231-241.	12.7	191
2	Tunable mesoporous g-C <sub>3</sub> N <sub>4</sub> nanosheets as a metal-free catalyst for enhanced visible-light-driven photocatalytic reduction of U(VI). <i>Chemical Engineering Journal</i> , 2020, 383, 123193.	12.7	117
3	An Efficient Uranium Adsorption Magnetic Platform Based on Amidoxime-Functionalized Flower-like Fe <sub>3</sub> O <sub>4</sub> @TiO <sub>2</sub> Core-Shell Microspheres. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 17931-17939.	8.0	104
4	An overview and recent progress in the heterogeneous photocatalytic reduction of U(VI). <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2019, 41, 100320.	11.6	97
5	Visible light driven Ti <sup>3+</sup> self-doped TiO <sub>2</sub> for adsorption-photocatalysis of aqueous U(VI). <i>Environmental Pollution</i> , 2020, 262, 114373.	7.5	96
6	Removal of uranium contaminant from aqueous solution by chitosan@attapulgite composite. <i>Separation and Purification Technology</i> , 2017, 177, 86-93.	7.9	68
7	Efficient photoreduction strategy for uranium immobilization based on graphite carbon nitride/perovskite oxide heterojunction nanocomposites. <i>Applied Catalysis B: Environmental</i> , 2021, 298, 120625.	20.2	51
8	Arsenazo-functionalized magnetic carbon composite for uranium(VI) removal from aqueous solution. <i>Journal of Molecular Liquids</i> , 2018, 269, 441-449.	4.9	45
9	Heterostructure of anatase-rutile aggregates boosting the photoreduction of U(VI). <i>Applied Surface Science</i> , 2019, 483, 670-676.	6.1	43
10	Insight into the stability and correlated transport of kaolinite colloid: Effect of pH, electrolytes and humic substances. <i>Environmental Pollution</i> , 2020, 266, 115189.	7.5	31
11	Retention of Eu(III) in muscovite environment: Batch and spectroscopic studies. <i>Chemical Engineering Journal</i> , 2017, 330, 559-565.	12.7	29
12	Kinetic determination of sedimentation for GMZ bentonite colloids in aqueous solution: Effect of pH, temperature and electrolyte concentration. <i>Applied Clay Science</i> , 2020, 184, 105393.	5.2	29
13	Efficient recovery of uranium from saline lake brine through photocatalytic reduction. <i>Journal of Molecular Liquids</i> , 2020, 308, 113007.	4.9	29
14	Colloidal stability and correlated migration of illite in the aquatic environment: The roles of pH, temperature, multiple cations and humic acid. <i>Science of the Total Environment</i> , 2021, 768, 144174.	8.0	26
15	Mechanisms of bentonite colloid aggregation, retention, and release in saturated porous media: Role of counter ions and humic acid. <i>Science of the Total Environment</i> , 2021, 793, 148545.	8.0	26
16	Stability of GMZ bentonite colloids: Aggregation kinetic and reversibility study. <i>Applied Clay Science</i> , 2018, 161, 436-443.	5.2	23
17	Adsorption properties of Na-palygorskite for Cs sequestration: Effect of pH, ionic strength, humic acid and temperature. <i>Applied Clay Science</i> , 2019, 183, 105363.	5.2	21
18	Removal of U(VI) from aqueous solution using synthesized $\beta$ -zeolite and its ethylenediamine derivative. <i>Journal of Molecular Liquids</i> , 2017, 234, 40-48.	4.9	19

#	ARTICLE	IF	CITATIONS
19	The sorption mechanisms of Th(IV) on attapulgite. <i>Science China Chemistry</i> , 2011, 54, 1138-1147.	8.2	18
20	Removal of Nickel(II) from Aqueous Solutions Using Synthesized $\beta$ -Zeolite and Its Ethylenediamine Derivative. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 3067-3076.	3.7	16
21	Co-transport and co-release of Eu(III) with bentonite colloids in saturated porous sand columns: Controlling factors and governing mechanisms. <i>Environmental Pollution</i> , 2022, 298, 118842.	7.5	14
22	Efficient photoreduction strategy for uranium immobilization based on graphite carbon nitride/activated carbon nanocomposites. <i>Chinese Chemical Letters</i> , 2022, 33, 3581-3584.	9.0	14
23	Radionuclides sorption on typical clay minerals: Modeling and spectroscopies. <i>Interface Science and Technology</i> , 2019, , 1-38.	3.3	13
24	Stability Analysis of GMZ Bentonite Colloids: Aggregation Mechanism Transition and the Edge Effect in Strongly Alkaline Conditions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 601, 125020.	4.7	13
25	Succinamic Acid Grafted Nanosilica for the Preconcentration of U(VI) from Aqueous Solution. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 2221-2228.	3.7	12
26	Insights into sorption speciation of uranium on phlogopite: Evidence from TRLFS and DFT calculation. <i>Journal of Hazardous Materials</i> , 2022, 427, 128164.	12.4	11
27	Retardation of hexavalent uranium in muscovite environment: a batch study. <i>Radiochimica Acta</i> , 2018, 106, 559-567.	1.2	10
28	China's progress in radionuclide migration study over the past decade (2010-2021): Sorption, transport and radioactive colloid. <i>Chinese Chemical Letters</i> , 2022, 33, 3405-3412.	9.0	10
29	Adsorption characteristics of Eu(III) on colloidal bentonite particles in aqueous solution: impact of colloid concentration, pH, foreign ions, and temperature. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 330, 765-773.	1.5	8
30	Opportunities and challenges of high-pressure ion exchange chromatography for nuclide separation and enrichment. <i>Chinese Chemical Letters</i> , 2022, 33, 3413-3421.	9.0	8
31	Rapid separation of Po-210 from Pb-210 based on the usage of a commercial Sr-Specific chromatographic resin. <i>Journal of Environmental Radioactivity</i> , 2020, 211, 106083.	1.7	5
32	Facile Vacuum Annealing-Induced Modification of TiO <sub>2</sub> with an Enhanced Photocatalytic Performance. <i>ACS Omega</i> , 2021, 6, 27121-27128.	3.5	5
33	Removal of Cu(II) Contamination from Aqueous Solution by Ethylenediamine@ $\beta$ -Zeolite Composite. <i>Molecules</i> , 2021, 26, 978.	3.8	2
34	Interaction of environmental colloids and radionuclides: a brief review. <i>Scientia Sinica Chimica</i> , 2019, 49, 12-26.	0.4	2