

# Yong-Dong Jin

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,025  
citations

471509

17  
h-index

414414

32  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1043  
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible light driven photocatalytic removal of uranium(VI) in strongly acidic solution. <i>Journal of Hazardous Materials</i> , 2022, 426, 127851.	12.4	23
2	Targeted synthesis of a high-stability cationic porous aromatic framework for highly efficient remediation of $^{99}\text{TcO}_4^-$ . <i>Chemical Engineering Journal</i> , 2022, 435, 134785.	12.7	21
3	Cationic covalent organic polymers based on guanidine with higher positive potential for selective sorption of $\text{ReO}_4^-$ : Synthesis and DFT calculation. <i>Surfaces and Interfaces</i> , 2022, 29, 101788.	3.0	3
4	Study on Extraction Behavior of Re(VII) with Bis-triamide Extractants. <i>Solvent Extraction and Ion Exchange</i> , 2022, 40, 571-589.	2.0	1
5	Complexation and Separation of Trivalent Actinides and Lanthanides by a Novel DGA Derived from Macrocyclic Crown Ether: Synthesis, Extraction, and Spectroscopic and Density Functional Theory Studies. <i>ACS Omega</i> , 2021, 6, 2156-2166.	3.5	11
6	Conjugated microporous polymers as a visible light driven platform for photo-redox conversion of biomass derived chemicals. <i>Green Chemistry</i> , 2021, 23, 3607-3611.	9.0	27
7	The coordination of low-valent Re/Tc with glutarimide dioxime and the fate of Tc in aqueous solution: spectroscopy, ESI-MS and EXAFS. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 328, 1279-1289.	1.5	0
8	Selective Extraction and Complexation Studies for Thorium(IV) with Bis-triamide Extractants: Synthesis, Solvent Extraction, EXAFS, and DFT. <i>Inorganic Chemistry</i> , 2021, 60, 14212-14220.	4.0	10
9	Rapid iodine adsorption from vapor phase and solution by a nitrogen-rich covalent piperazine-triazine-based polymer. <i>New Journal of Chemistry</i> , 2021, 45, 5363-5370.	2.8	24
10	Porphyrin-based cationic conjugated network prepared by Zincke reaction and its adsorption for $\text{TcO}_4^-/\text{ReO}_4^-$ . <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 330, 1165-1176.	1.5	7
11	Efficient capture of Tc/Re(VII, IV) by a viologen-based organic polymer containing tetraaza macrocycles. <i>Chemical Engineering Journal</i> , 2020, 380, 122581.	12.7	64
12	Anion binding and fluoride ion induced conformational changes in bisurea receptors. <i>New Journal of Chemistry</i> , 2020, 44, 2033-2045.	2.8	3
13	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.	1.7	8
14	Benzotriazole decorated graphene oxide for efficient removal of U(VI). <i>Environmental Pollution</i> , 2019, 253, 221-230.	7.5	23
15	The fate of rhenium in polyaminocarboxy solution: Hourglass crystal and its speciation study. <i>Journal of Hazardous Materials</i> , 2019, 375, 78-85.	12.4	6
16	A Self-Assembled Supramolecular Material Containing Phosphoric Acid for Ultrafast and Efficient Capture of Uranium from Acidic Solutions. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 950-960.	6.7	58
17	Crystal structure of a host-guest complex of the tris-urea receptor, 3-(4-nitrophenyl)-1,1-bis[2-[3-(4-nitrophenyl)ureido]ethyl]urea, that encapsulates hydrogen-bonded chains of dihydrogen phosphate anions with separate tetra-n-butylammonium counter-ions. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 319-323.	0.5	0
18	Hydrothermal synthesis, crystal structure and properties of a two-dimensional uranyl coordination polymer based on a flexible zwitterionic ligand. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 366-371.	0.5	2

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19	Introduction of benzotriazole into graphene oxide for highly selective coadsorption of An and Ln: Facile synthesis and theoretical study. <i>Chemical Engineering Journal</i> , 2018, 344, 594-603.	12.7	34
20	Heterogeneous reaction of Cl <sub>2</sub> and NO <sub>2</sub> on $\gamma$ -Al <sub>2</sub> O <sub>3</sub> : A potential formation pathway of secondary aerosols. <i>Atmospheric Environment</i> , 2018, 188, 25-33.	4.1	5
21	Interaction between U and Th on their uptake, distribution, and toxicity in <i>V. S. alfredii</i> based on the phytoremediation of U and Th. <i>Environmental Science and Pollution Research</i> , 2017, 24, 2996-3005.	5.3	9
22	Selective extraction of americium(III) over europium(III) ions in nitric acid solution by NTAamide(C8) using a novel water-soluble bisdiglycolamide as a masking agent. <i>Separation and Purification Technology</i> , 2017, 181, 148-158.	7.9	35
23	Design and synthesis of a novel soft-hard donor ligand for solvent extraction of Th(IV) from nitric acid media. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 312, 655-662.	1.5	2
24	The crystal structure of oxonium chlorido-ethylenediaminetetraacetate(IV) hydrate, C <sub>10</sub> H <sub>17</sub> ClN <sub>2</sub> O <sub>10</sub> Sn. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017, 232, 941-942.	0.3	0
25	A Schiff base/quaternary ammonium salt bifunctional graphene oxide as an efficient adsorbent for removal of Th(IV)/U(VI). <i>Journal of Colloid and Interface Science</i> , 2017, 508, 303-312.	9.4	59
26	The novel extractants, bis-triamides: Synthesis and selective extraction of thorium(IV) from nitric acid media. <i>Separation and Purification Technology</i> , 2017, 188, 485-492.	7.9	14
27	Selective Extraction of Americium(III) over Europium(III) Ions with Pyridylpyrazole Ligands: Structure-Property Relationships. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 651-658.	2.0	20
28	Adsorption and desorption of uranium(VI) by Fe-Mn binary oxide in aqueous solutions. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 308, 545-554.	1.5	8
29	Subcellular distribution and chemical forms of thorium in <i>Brassica juncea</i> var. <i>foliosa</i> . <i>Journal of Environmental Radioactivity</i> , 2016, 157, 60-66.	1.7	11
30	Preparation of graphene oxide-manganese dioxide for highly efficient adsorption and separation of Th(IV)/U(VI). <i>Journal of Hazardous Materials</i> , 2016, 309, 107-115.	12.4	170
31	The effect of U speciation in cultivation solution on the uptake of U by variant <i>Sedum alfredii</i> . <i>Environmental Science and Pollution Research</i> , 2016, 23, 9964-9971.	5.3	13
32	The separation of Th(IV)/U(VI) via selective complexation with graphene oxide. <i>Chemical Engineering Journal</i> , 2015, 271, 147-154.	12.7	65
33	The influence of different hydroponic conditions on thorium uptake by <i>Brassica juncea</i> var. <i>foliosa</i> . <i>Environmental Science and Pollution Research</i> , 2015, 22, 6941-6949.	5.3	16
34	Impact of mixed low-molecular-weight organic acids on uranium accumulation and distribution in a variant of mustard ( <i>Brassica juncea</i> var. <i>tumida</i> ). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 302, 149-159.	1.5	34
35	A catechol-like phenolic ligand-functionalized hydrothermal carbon: One-pot synthesis, characterization and sorption behavior toward uranium. <i>Journal of Hazardous Materials</i> , 2014, 271, 41-49.	12.4	85
36	A rapid low-temperature synthetic method leading to large-scale carboxyl graphene. <i>Chemical Engineering Journal</i> , 2014, 236, 471-479.	12.7	66

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37	Chaos to order: an eco-friendly way to synthesize graphene quantum dots. RSC Advances, 2014, 4, 43160-43165.	3.6	10
38	Removal of Th <sup>4+</sup> ions from aqueous solutions by graphene oxide. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 1999-2008.	1.5	45
39	New cyclen derivative ligand for thorium(IV) separation by solvent extraction. Journal of Radioanalytical and Nuclear Chemistry, 2013, 295, 125-133.	1.5	16
40	Synthesis and nuclear magnetic resonance analysis of starch-g-poly(1,4-dioxan-2-one) copolymers. Journal of Polymer Science Part A, 2004, 42, 3417-3422.	2.3	17