

# Yuanyou Yang

## List of Publications by Year in descending order

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81  
papers

1,809  
citations

236925

25  
h-index

302126

39  
g-index

81  
all docs

81  
docs citations

81  
times ranked

1622  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microorganism-derived carbon microspheres for uranium removal from aqueous solution. <i>Chemical Engineering Journal</i> , 2016, 284, 630-639.	12.7	115
2	Schiff base anchored on metal-organic framework for Co (II) removal from aqueous solution. <i>Chemical Engineering Journal</i> , 2017, 326, 691-699.	12.7	105
3	Pillar[5]arene-based phosphine oxides: novel ionophores for solvent extraction separation of f-block elements from acidic media. <i>RSC Advances</i> , 2013, 3, 12376.	3.6	101
4	A novel ion-imprinted polymer induced by the glycyglycine modified metal-organic framework for the selective removal of Co(II) from aqueous solutions. <i>Chemical Engineering Journal</i> , 2018, 333, 280-288.	12.7	80
5	Biosorption of uranium on <i>Bacillus sp. dwc-2</i> : preliminary investigation on mechanism. <i>Journal of Environmental Radioactivity</i> , 2014, 135, 6-12.	1.7	77
6	Label-Free Quantitative Proteomic Analysis of Chitosan Oligosaccharide-Treated Rice Infected with Southern Rice Black-Streaked Dwarf Virus. <i>Viruses</i> , 2017, 9, 115.	3.3	71
7	Synthesis of amidoximated graphene oxide nanoribbons from unzipping of multiwalled carbon nanotubes for selective separation of uranium( $\text{U}^{VI}$ ). <i>RSC Advances</i> , 2015, 5, 89309-89318.	3.6	60
8	Glycine derivative-functionalized metal-organic framework (MOF) materials for Co(II) removal from aqueous solution. <i>Applied Surface Science</i> , 2019, 466, 903-910.	6.1	54
9	Competition/Cooperation between Humic Acid and Graphene Oxide in Uranyl Adsorption Implicated by Molecular Dynamics Simulations. <i>Environmental Science &amp; Technology</i> , 2019, 53, 5102-5110.	10.0	53
10	Biosorption of americium-241 by <i>Saccharomyces cerevisiae</i> . <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2002, 252, 187-191.	1.5	46
11	Bioaccumulation characterization of uranium by a novel <i>Streptomyces sporoverrucosus dwc-3</i> . <i>Journal of Environmental Sciences</i> , 2016, 41, 162-171.	6.1	46
12	Characteristics of uranium biosorption from aqueous solutions on fungus <i>Pleurotus ostreatus</i> . <i>Environmental Science and Pollution Research</i> , 2016, 23, 24846-24856.	5.3	36
13	A simple and convenient method for production of $^{89}\text{Zr}$ with high purity. <i>Applied Radiation and Isotopes</i> , 2016, 118, 326-330.	1.5	34
14	Dynamics of Humic Acid and Its Interaction with Uranyl in the Presence of Hydrophobic Surface Implicated by Molecular Dynamics Simulations. <i>Environmental Science &amp; Technology</i> , 2016, 50, 11121-11128.	10.0	34
15	Shape-persistent macrocycles: efficient extraction towards lanthanide and actinide elements. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012, 72, 367-373.	1.6	33
16	Pillar[5]arenes bearing phosphine oxide pendants as $\text{Hg}^{2+}$ selective receptors. <i>Talanta</i> , 2014, 125, 322-328.	5.5	33
17	U-phosphate biomineralization induced by <i>Bacillus sp. dw-2</i> in the presence of organic acids. <i>Nuclear Engineering and Technology</i> , 2019, 51, 1322-1332.	2.3	32
18	Microbial reduction of uranium (VI) by <i>Bacillus sp. dwc-2</i> : A macroscopic and spectroscopic study. <i>Journal of Environmental Sciences</i> , 2017, 53, 9-15.	6.1	31

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19	Synthesis and Preliminary Evaluation of <sup>131</sup> I-Labeled FAPI Tracers for Cancer Theranostics. <i>Molecular Pharmaceutics</i> , 2021, 18, 4179-4187.	4.6	31
20	A novel freeze-dried natural microalga powder for highly efficient removal of uranium from wastewater. <i>Chemosphere</i> , 2021, 282, 131084.	8.2	31
21	Biosorption behavior and mechanism of cesium-137 on <i>Rhodospiridium fluviale</i> strain UA2 isolated from cesium solution. <i>Journal of Environmental Radioactivity</i> , 2014, 134, 6-13.	1.7	30
22	Sorption of selenite on Tamusu clay in simulated groundwater with high salinity under aerobic/anaerobic conditions. <i>Journal of Environmental Radioactivity</i> , 2019, 203, 210-219.	1.7	29
23	Solvent extraction of thorium( <sup>IV</sup> ) and rare earth elements with novel polyamide extractant containing preorganized chelating groups. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 1930-1936.	3.2	28
24	Removal of Co(II) from aqueous solution with Zr-based magnetic metal-organic framework composite. <i>Inorganica Chimica Acta</i> , 2018, 483, 488-495.	2.4	26
25	CMPO-calix[4]arenes with spacer containing intramolecular hydrogen bonding: Effect of local rigidification on solvent extraction toward f-block elements. <i>Journal of Hazardous Materials</i> , 2014, 264, 211-218.	12.4	25
26	Phosphorous-Based Pillar[5]arenes for Uranyl Extraction. <i>Chinese Journal of Chemistry</i> , 2015, 33, 361-367.	4.9	25
27	A radiopharmaceutical [ <sup>89</sup> Zr]Zr-DFO-nimotuzumab for immunoPET with epidermal growth factor receptor expression in vivo. <i>Nuclear Medicine and Biology</i> , 2019, 70, 23-31.	0.6	25
28	Uranium(VI) sorption on graphene oxide nanoribbons derived from unzipping of multiwalled carbon nanotubes. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 304, 1329-1337.	1.5	24
29	Biosorption behavior and mechanism of thorium on <i>Streptomyces sporoverrucosus</i> dwc-3. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 301, 237-245.	1.5	22
30	Biosorption of <sup>241</sup> Am by <i>Saccharomyces cerevisiae</i> : Preliminary investigation on mechanism. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2008, 275, 173-180.	1.5	21
31	Flexible surface-supported MOF membrane via a convenient approach for efficient iodine adsorption. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 324, 1167-1177.	1.5	20
32	Functionalized hydrothermal carbon derived from waste pomelo peel as solid-phase extractant for the removal of uranyl from aqueous solution. <i>Environmental Science and Pollution Research</i> , 2017, 24, 22321-22331.	5.3	19
33	Characterization and antifungal activity against <i>Pestalotiopsis</i> of a fusaricidin-type compound produced by <i>Paenibacillus polymyxa</i> Y-1. <i>Pesticide Biochemistry and Physiology</i> , 2018, 147, 67-74.	3.6	19
34	Astatine-211 labeling of protein using TCP as a bi-functional linker: synthesis and preliminary evaluation in vivo and in vitro. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2011, 288, 71-77.	1.5	17
35	The dynamic behavior and mechanism of uranium (VI) biomineralization in <i>Enterobacter</i> sp. X57. <i>Chemosphere</i> , 2022, 298, 134196.	8.2	17
36	Mechanism of thorium biosorption by the cells of the soil fungal isolate <i>Geotrichum</i> sp. dwc-1. <i>Radiochimica Acta</i> , 2014, 102, 175-184.	1.2	16

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37	Characterization of uranium bioaccumulation on a fungal isolate <i>Geotrichum</i> sp. dwc-1 as investigated by FTIR, TEM and XPS. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 310, 165-175.	1.5	16
38	Evaluation of astatine-211-labeled octreotide as a potential radiotherapeutic agent for NSCLC treatment. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 1086-1091.	3.0	16
39	The influence of humic substances on uranium biomineralization induced by <i>Bacillus</i> sp. dwc-2. <i>Journal of Environmental Radioactivity</i> , 2019, 197, 23-29.	1.7	16
40	In vitro and in vivo evaluation of <sup>211</sup> At-labeled fibroblast activation protein inhibitor for glioma treatment. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 55, 116600.	3.0	16
41	Recent progress of astatine-211 in endoradiotherapy: Great advances from fundamental properties to targeted radiopharmaceuticals. <i>Chinese Chemical Letters</i> , 2022, 33, 3325-3338.	9.0	16
42	One-step labelling of a novel small-molecule peptide with astatine-211: preliminary evaluation in vitro and in vivo. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 316, 451-456.	1.5	14
43	MnO <sub>2</sub> -loaded microorganism-derived carbon for U(VI) adsorption from aqueous solution. <i>Environmental Science and Pollution Research</i> , 2019, 26, 3697-3705.	5.3	14
44	Removal of Co(II) from Aqueous Solutions by Pyridine Schiff Base-Functionalized Zirconium-Based MOFs: A Combined Experimental and DFT Study on the Effect of <i>ortho</i> -, <i>meta</i> -, and <i>para</i> -Substitution. <i>Journal of Chemical &amp; Engineering Data</i> , 2021, 66, 749-760.	1.9	14
45	Biosorption of <sup>241</sup> Am by immobilized <i>Saccharomyces cerevisiae</i> . <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2003, 258, 59-63.	1.5	13
46	Removal of Co(II) from aqueous solution with functionalized metal-organic frameworks (MOFs) composite. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 322, 827-838.	1.5	13
47	Preliminary investigation on biosorption mechanism of <sup>241</sup> Am by <i>Rhizopus arrhizus</i> . <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2008, 277, 329-336.	1.5	12
48	Improving the adsorption ability of graphene sheets to uranium through chemical oxidation, electrolysis and ball-milling. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 308, 1095-1102.	1.5	12
49	Astatine-211 labeling of insulin: Synthesis and preliminary evaluation in vivo and in vitro. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2007, 272, 85-90.	1.5	11
50	The removal of uranium(VI) from aqueous solution by graphene oxide-carbon nanotubes hybrid aerogels. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 303, 1835.	1.5	11
51	Sorption of <sup>241</sup> Am by <i>Aspergillus niger</i> spore and hyphae. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2004, 260, 659-663.	1.5	10
52	Radioiodination of insulin using N-succinimidyl 5-(tributylstannyl)-3-pyridine-carboxylate (SPC) as a bi-functional linker: Synthesis and biodistribution in mice. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2006, 268, 205-210.	1.5	10
53	Adsorption behavior of U(VI) on doped polyaniline: the effects of carbonate and its complexes. <i>Radiochimica Acta</i> , 2018, 106, 437-452.	1.2	10
54	Efficient removal of Co(II) from aqueous solution by flexible metal-organic framework membranes. <i>Journal of Molecular Liquids</i> , 2021, 324, 114718.	4.9	10

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55	Title is missing!. Journal of Radioanalytical and Nuclear Chemistry, 2001, 247, 129-133.	1.5	8
56	PET imaging of VEGFR and integrins in glioma tumor xenografts using <sup>89</sup> Zr labelled heterodimeric peptide. Bioorganic and Medicinal Chemistry, 2022, 59, 116677.	3.0	8
57	Preparation and preliminary evaluation of <sup>211</sup> At-labeled amidobisphosphonates. Journal of Radioanalytical and Nuclear Chemistry, 2010, 283, 329-335.	1.5	7
58	Influence of a chinese crude drug on Ca <sup>2+</sup> influx and efflux in rat visceral organs:Investigation and evaluation by <sup>45</sup> Ca. Applied Radiation and Isotopes, 2006, 64, 241-246.	1.5	6
59	Indium-111 labeled bleomycin for targeting diagnosis and therapy of liver tumor: optimized preparation, biodistribution and SPECT imaging with xenograft models. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 545-551.	1.5	6
60	Sorption of cesium on Tamusu clay in synthetic groundwater with high ionic strength. Radiochimica Acta, 2020, 108, 287-296.	1.2	6
61	In Vitro Anticancer Ability of Nano Fluorescent <sup>111</sup> In- <sup>68</sup> PEGAFA on Hela Cells. Chemistry - A European Journal, 2022, 28, .	3.3	6
62	Fabrication and Helium Irradiation of Potassium-Doped Tungsten. Fusion Science and Technology, 2014, 66, 278-282.	1.1	5
63	Construction and Preclinical Evaluation of <sup>211</sup> At Labeled Anti-mesothelin Antibodies as Potential Targeted Alpha Therapy Drugs. Journal of Radiation Research, 2020, 61, 684-690.	1.6	5
64	Preliminary in vitro comparison of <sup>111</sup> In and <sup>131</sup> I labeled nimotuzumabs. Journal of Radioanalytical and Nuclear Chemistry, 2021, 328, 527-537.	1.5	5
65	Functional Annotation of circRNAs in Tea Leaves after Infection by the Tea Leaf Spot Pathogen, Lasiodiplodia theobromae. Phytopathology, 2021, , .	2.2	5
66	Simple and efficient method for producing high radionuclidic purity <sup>111</sup> In using enriched <sup>112</sup> Cd target. Applied Radiation and Isotopes, 2021, 176, 109828.	1.5	5
67	Astatine-211 labelled a small molecule peptide: specific cell killing <i>in vitro</i> and targeted therapy in a nude-mouse model. Radiochimica Acta, 2021, 109, 119-126.	1.2	5
68	Multi-Omics Analysis Reveals that the Antimicrobial Kasugamycin Potential Targets Nitrate Reductase in <i>Didymella segeticola</i> to Achieve Control of Tea Leaf Spot. Phytopathology, 2022, 112, 1894-1906.	2.2	5
69	The Sequence and Integrated Analysis of Competing Endogenous RNAs Originating from Tea Leaves Infected by the Pathogen of Tea Leaf Spot, <i>Didymella segeticola</i> . Plant Disease, 2022, 106, 1286-1290.	1.4	4
70	Transcriptome Profiling of the Leaf Spot Pathogen, <i>Pestalotiopsis trachicarpicola</i> , and Its Host, Tea ( <i>Camellia sinensis</i> ), During Infection. Plant Disease, 2022, 106, 2247-2252.	1.4	4
71	Adsorption and migration of <sup>241</sup> Am in aerated zone soil. Journal of Radioanalytical and Nuclear Chemistry, 2007, 274, 593-601.	1.5	3
72	A self-assembled supramolecular organic material for selective extraction of uranium from aqueous solution. Journal of Radioanalytical and Nuclear Chemistry, 2021, 329, 289-300.	1.5	3

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73	Functional Annotation of circRNAs of Tea Leaves During Infection by the Tea Leaf Spot Pathogen <i>Didymella segeticola</i> . <i>PhytoFrontiers</i> , 2022, 2, 80-83.	1.6	3
74	A Theoretical Model for Predicting and Optimizing In Vitro Screening of Potential Targeted Alpha-Particle Therapy Drugs. <i>Radiation Research</i> , 2019, 191, 475.	1.5	3
75	Superconductivity induced by U doping in the SmFeAsO system. <i>Physical Review B</i> , 2013, 87, .	3.2	2
76	Evaluation of U(VI) adsorption from Ca <sup>2+</sup> coexisted bicarbonate solution by synthetic inorganic and mineral materials. <i>Radiochimica Acta</i> , 2020, 108, 955-965.	1.2	2
77	Analysis of Competing Endogenous RNAs and MicroRNAs in Tea ( <i>Camellia sinensis</i> ) Leaves During Infection by the Leaf Spot Pathogen <i>Pestalotiopsis trachicarpicola</i> . <i>Molecular Plant-Microbe Interactions</i> , 2022, 35, 432-438.	2.6	2
78	Accelerator Production of the Medical Isotope <sup>211</sup> At and Monoclonal Antibody Labeling. <i>Acta Chimica Sinica</i> , 2021, 79, 1376.	1.4	1
79	Highly selective extraction of Pd(II) with 5-octyloxymethyl-7-bromo-8-quinolinol from acidic solution. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 59-67.	1.5	0
80	Production of <sup>98</sup> Tc with high isotopic purity. <i>Applied Radiation and Isotopes</i> , 2020, 160, 109133.	1.5	0
81	A novel theranostic probe [ <sup>111</sup> In]In-DO3A-NHS-nimotuzumab in glioma xenograft. <i>Radiochimica Acta</i> , 2022, .	1.2	0