

# Guo-wen Peng

## List of Publications by Year in descending order

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20  
papers

178  
citations

1307594

7  
h-index

1199594

12  
g-index

20  
all docs

20  
docs citations

20  
times ranked

101  
citing authors

#	ARTICLE	IF	CITATIONS
1	Introduction of phosphate groups into metal-organic frameworks to synthesize MIL-101(Cr)-PMIDA for selective adsorption of U(VI). Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 889-902.	1.5	8
2	Fabrication of UiO-66-(OH) <sub>2</sub> amine oxime derivatives and their highly efficient and selective adsorption of uranium (VI). Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 1521-1529.	1.5	6
3	Research on the effect of Deinococcus radiodurans transformed by dsrA-flr-2 double gene on the enrichment performance of uranium(VI). Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 2195-2207.	1.5	3
4	Construction of Deino-flr-2 radiation-tolerant genetically engineered strain containing flr-2 fluoride-tolerant gene and its enrichment behavior for U(VI). Journal of Radioanalytical and Nuclear Chemistry, 2021, 328, 1265-1278.	1.5	5
5	Preparation of NH <sub>2</sub> -CTS/MZ composites and their adsorption behavior and mechanism on uranium ions. Journal of Radioanalytical and Nuclear Chemistry, 2021, 330, 963-978.	1.5	13
6	Mechanism of recombinant bacteria adsorb UO <sub>2</sub> <sup>2+</sup> under culture condition. Enzyme and Microbial Technology, 2021, 151, 109920.	3.2	3
7	Ordered Ti-doped FeVO <sub>4</sub> nanoblock photoanode with improved charge properties for efficient solar water splitting. Journal of Colloid and Interface Science, 2021, 604, 562-567.	9.4	3
8	A novel magnetic functionalized m-carboxyphenyl azo calix[4]arene symmetric sulfide derivative: synthesis and application as a selective adsorbent for removal of U (VI). Journal of Radioanalytical and Nuclear Chemistry, 2021, 327, 175-188.	1.5	4
9	Preparation of ZnNiAl-LDHs microspheres and their adsorption behavior and mechanism on U(VI). Scientific Reports, 2021, 11, 21625.	3.3	14
10	A Porous Aromatic Framework Functionalized with Luminescent Iridium(III) Organometallic Complexes for Turn-On Sensing of <sup>99</sup> TcO <sub>4</sub> <sup>-</sup> . ACS Applied Materials & Interfaces, 2020, 12, 15288-15297.	8.0	46
11	Fabrication of magnetic functionalized m-carboxyphenyl azo calix[4]arene amine oxime derivatives for highly efficient and selective adsorption of uranium (VI). Journal of Radioanalytical and Nuclear Chemistry, 2020, 323, 1145-1155.	1.5	7
12	Extraction properties for U(VI) by the 25, 27-dihydroxy-26, 28-dimercaptoethoxy-5, 11, 17, 23-tetra-tert-butyl calix[4]arene. Journal of Radioanalytical and Nuclear Chemistry, 2019, 321, 49-55.	1.5	1
13	Fabrication of magnetic functionalised calix[4]arene composite for highly efficient and selective adsorption towards uranium(VI). Environmental Chemistry, 2019, 16, 577.	1.5	8
14	Preparation of p-carboxyphenyl azo calix[4]arene phosphate derivative and its extraction properties toward uranium(VI). Journal of Radioanalytical and Nuclear Chemistry, 2018, 317, 1235-1241.	1.5	9
15	Synthesis of the p-tert-butyl calix[4] arene symmetrical sulfide derivatives and its extraction properties towards U(VI) from aqueous solution. Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 2137-2143.	1.5	8
16	Theoretical investigation of uranium(IV) coordinated with N, N'-bis(3-allyl) Tj ETQqO O O rgBT /Overlock 10 Tf 50,142 Td (salicylidene)	3.4	3
17	Computational insight into asymmetric uranyl-salophen coordinated with cyclohexenone derivatives. Journal of Coordination Chemistry, 2016, 69, 2775-2784.	2.2	6
18	Predicting Thermodynamic Properties of PBXTHs with New Quantum Topological Indexes. PLoS ONE, 2016, 11, e0147126.	2.5	3

#	ARTICLE	IF	CITATIONS
19	Preparation of a novel biosorbent ISCB and its adsorption and desorption properties of uranium ions in aqueous solution. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 306, 349-356.	1.5	11
20	Uranium adsorption by dry and wet immobilized <i>Saccharomyces cerevisiae</i> . <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2012, 291, 825-830.	1.5	17