

Guo-wen Peng

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

178
citations

1307594

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	A Porous Aromatic Framework Functionalized with Luminescent Iridium(III) Organometallic Complexes for Turn-On Sensing of $^{99}\text{TcO}_4^-$. ACS Applied Materials & Interfaces, 2020, 12, 15288-15297.	8.0	46
2	Uranium adsorption by dry and wet immobilized Saccharomyces cerevisiae. Journal of Radioanalytical and Nuclear Chemistry, 2012, 291, 825-830.	1.5	17
3	Preparation of ZnNiAl-LDHs microspheres and their adsorption behavior and mechanism on U(VI). Scientific Reports, 2021, 11, 21625.	3.3	14
4	Preparation of NH ₂ -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
5	Preparation of a novel biosorbent ISCB and its adsorption and desorption properties of uranium ions in aqueous solution. Journal of Radioanalytical and Nuclear Chemistry, 2015, 306, 349-356.	1.5	11
6	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
7	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
8	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
9	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
10	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
11	Computational insight into asymmetric uranyl-salophen coordinated with cyclohexenone derivatives. Journal of Coordination Chemistry, 2016, 69, 2775-2784.	2.2	6
12	Fabrication of UiO-66-(OH) ₂ 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
13	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
14	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
15	Theoretical investigation of uranium(IV) coordinated with N, N'-bis(3-allyl) Tj ETQq1 1 0.784314 rgBT /Overlock_10 Tf 50 182 Td (s...	3.4	3
16	Mechanism of recombinant bacteria adsorb UO ₂ ²⁺ under culture condition. Enzyme and Microbial Technology, 2021, 151, 109920.	3.2	3
17	Ordered Ti-doped FeVO ₄ nanoblock photoanode with improved charge properties for efficient solar water splitting. Journal of Colloid and Interface Science, 2021, 604, 562-567.	9.4	3
18	Predicting Thermodynamic Properties of PBXTHs with New Quantum Topological Indexes. PLoS ONE, 2016, 11, e0147126.	2.5	3

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19	Research on the effect of <i>Deinococcus radiodurans</i> transformed by <i>dsrA-flr-2</i> double gene on the enrichment performance of uranium(VI). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2022, 331, 2195-2207.	1.5	3
20	Extraction properties for U(VI) by the 25, 27-dihydroxy-26, 28-dimercaptoethoxy-5, 11, 17, 23-tetra-tert-butyl calix[4]arene. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 321, 49-55.	1.5	1