

Kaituo Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5629249/publications.pdf>

Version: 2024-02-01

22
papers

708
citations

623734

14
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

513
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of geopolymer-based inorganic membrane for removing Ni ²⁺ from wastewater. Journal of Hazardous Materials, 2015, 299, 711-718.	12.4	137
2	Synthesis of highly efficient porous inorganic polymer microspheres for the adsorptive removal of Pb ²⁺ from wastewater. Journal of Cleaner Production, 2018, 193, 351-362.	9.3	88
3	One-Pot Preparation of NaA Zeolite Microspheres for Highly Selective and Continuous Removal of Sr(II) from Aqueous Solution. ACS Sustainable Chemistry and Engineering, 2019, 7, 2459-2470.	6.7	60
4	Facile fabrication of metakaolin/slag-based zeolite microspheres (M/SZMs) geopolymer for the efficient remediation of Cs ⁺ and Sr ²⁺ from aqueous media. Journal of Hazardous Materials, 2021, 406, 124292.	12.4	58
5	Synthesis of Fe ₂ O ₃ -modified porous geopolymer microspheres for highly selective adsorption and solidification of F ⁻ from waste-water. Composites Part B: Engineering, 2019, 178, 107497.	12.0	43
6	Preparation of CeO ₂ @SiO ₂ Microspheres by a Non-sintering Strategy for Highly Selective and Continuous Adsorption of Fluoride Ions from Wastewater. ACS Sustainable Chemistry and Engineering, 2019, 7, 14716-14726.	6.7	42
7	Controlled preparation of cerium oxide loaded slag-based geopolymer microspheres (CeO ₂ @SGMs) for the adsorptive removal and solidification of F ⁻ from acidic waste-water. Journal of Hazardous Materials, 2020, 400, 123199.	12.4	40
8	Low temperature depolymerization and polycondensation of a slag-based inorganic polymer. Ceramics International, 2017, 43, 9067-9076.	4.8	37
9	Preparation of TiO ₂ photocatalyst microspheres by geopolymer technology for the degradation of tetracycline. Journal of Cleaner Production, 2022, 339, 130734.	9.3	32
10	A green drying powder inorganic coating based on geopolymer technology. Construction and Building Materials, 2019, 214, 441-448.	7.2	30
11	Study on the preparation of a free-sintered inorganic polymer-based proppant using the suspensions solidification method. Journal of Cleaner Production, 2017, 148, 276-282.	9.3	26
12	Preparation and conversion mechanism of different geopolymer-based zeolite microspheres and their adsorption properties for Pb ²⁺ . Separation and Purification Technology, 2022, 282, 119971.	7.9	18
13	Facile fabrication of inorganic polymer microspheres as adsorbents for removing heavy metal ions. Materials Research Bulletin, 2019, 113, 202-208.	5.2	17
14	Preparation of Al ₂ O ₃ -2SiO ₂ /geopolymer powder by hydrolytic sol-gel method and its activity characterization and research on the reaction mechanism. Powder Technology, 2022, 397, 117026.	4.2	16
15	Nanocrystalline Cu _{0.5} Zn _{0.5} Fe ₂ O ₄ : Preparation and Kinetics of Thermal Decomposition of Precursor. Journal of Superconductivity and Novel Magnetism, 2013, 26, 3523-3528.	1.8	13
16	Magnetic Properties of Cu _{0.48} Ni _{0.52} Fe ₂ O ₄ and Thermal Process of Precursor. Journal of Superconductivity and Novel Magnetism, 2013, 26, 2153-2158.	1.8	12
17	Stability and Free Radical Production for CO ₂ and H ₂ in Air Nanobubbles in Ethanol Aqueous Solution. Nanomaterials, 2022, 12, 237.	4.1	12
18	Nanocrystalline LiMn ₂ O ₄ preparation and kinetics of thermal process of precursor. Journal of Thermal Analysis and Calorimetry, 2013, 112, 1391-1399.	3.6	7

#	ARTICLE	IF	CITATIONS
19	Synthesis of rambutan-like MnCo ₂ O ₄ and its adsorption performance for methyl orange. Journal of Thermal Analysis and Calorimetry, 2015, 122, 653-663.	3.6	7
20	Synthesis of Spinel MnCo ₂ O ₄ by Thermal Decomposition of Carbonates and Kinetics of Thermal Decomposition of Precursor. Journal of Superconductivity and Novel Magnetism, 2014, 27, 1249-1256.	1.8	6
21	Synthesis of CeO ₂ by thermal decomposition of oxalate and kinetics of thermal decomposition of precursor. Journal of Thermal Analysis and Calorimetry, 2014, 117, 499-506.	3.6	5
22	Synthesis of Perovskite Pr _{1.1} MnO _{3.15} and Phase Evolution and Magnetic Properties. Journal of Superconductivity and Novel Magnetism, 2014, 27, 2751-2756.	1.8	2