Kaituo Wang

List of Publications by Year
in descending order

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22	708	623734	677142
papers	citations	14 h-index	22 g-index

22	22	22	513
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation and conversion mechanism of different geopolymer-based zeolite microspheres and their adsorption properties for Pb2+. Separation and Purification Technology, 2022, 282, 119971.	7.9	18
2	Preparation of Al2O3-2SiO2/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
3	Stability and Free Radical Production for CO2 and H2 in Air Nanobubbles in Ethanol Aqueous Solution. Nanomaterials, 2022, 12, 237.	4.1	12
4	Preparation of TiO2 photocatalyst microspheres by geopolymer technology for the degradation of tetracycline. Journal of Cleaner Production, 2022, 339, 130734.	9.3	32
5	Facile fabrication of metakaolin/slag-based zeolite microspheres (M/SZMs) geopolymer for the efficient remediation of Cs+ and Sr2+ from aqueous media. Journal of Hazardous Materials, 2021, 406, 124292.	12.4	58
6	Controlled preparation of cerium oxide loaded slag-based geopolymer microspheres (CeO2@SGMs) for the adsorptive removal and solidification of Fâ˜ from acidic waste-water. Journal of Hazardous Materials, 2020, 400, 123199.	12.4	40
7	Preparation of CeO₂@SiO₂ 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
8	Synthesis of Fe2O3-modified porous geopolymer microspheres for highly selective adsorption and solidification of Fâ˜ from waste-water. Composites Part B: Engineering, 2019, 178, 107497.	12.0	43
9	A green drying powder inorganic coating based on geopolymer technology. Construction and Building Materials, 2019, 214, 441-448.	7.2	30
10	Facile fabrication of inorganic polymer microspheres as adsorbents for removing heavy metal ions. Materials Research Bulletin, 2019, 113, 202-208.	5.2	17
11	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
12	Synthesis of highly efficient porous inorganic polymer microspheres for the adsorptive removal of Pb2+from wastewater. Journal of Cleaner Production, 2018, 193, 351-362.	9.3	88
13	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
14	Low temperature depolymerization and polycondensation of a slag-based inorganic polymer. Ceramics International, 2017, 43, 9067-9076.	4.8	37
15	Synthesis of rambutan-like MnCo2O4 and its adsorption performance for methyl orange. Journal of Thermal Analysis and Calorimetry, 2015, 122, 653-663.	3.6	7
16	Preparation of geopolymer-based inorganic membrane for removing Ni2+ from wastewater. Journal of Hazardous Materials, 2015, 299, 711-718.	12.4	137
17	Synthesis of Perovskite Pr1.1MnO3.15 and Phase Evolution and Magnetic Properties. Journal of Superconductivity and Novel Magnetism, 2014, 27, 2751-2756.	1.8	2
18	Synthesis of Spinel MnCo2O4 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

#	Article	IF	Citations
19	Synthesis of CeO2 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
20	Magnetic Properties of Cu0.48Ni0.52Fe2O4 and Thermal Process of Precursor. Journal of Superconductivity and Novel Magnetism, 2013, 26, 2153-2158.	1.8	12
21	Nanocrystalline LiMn2O4 preparation and kinetics of thermal process of precursor. Journal of Thermal Analysis and Calorimetry, 2013, 112, 1391-1399.	3.6	7
22	Nanocrystalline Cu0.5Zn0.5Fe2O4: Preparation and Kinetics of Thermal Decomposition of Precursor. Journal of Superconductivity and Novel Magnetism, 2013, 26, 3523-3528.	1.8	13