Xiangbiao Yin

List of Publications by Year
in descending order

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15	471	759233 12	996975 15
papers	citations	h-index	g-index

15	15	15	417
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	One-pot synthesis of silicon-based zirconium phosphate for the enhanced adsorption of Sr (II) from the contaminated wastewater. Microporous and Mesoporous Materials, 2021, 318, 111016.	4.4	38
2	Selective removal of radiocesium from micaceous clay for post-accident soil decontamination by temperature-controlled Mg-leaching in a column. Journal of Hazardous Materials, 2020, 387, 121677.	12.4	9
3	Recovery of scandium from white waste acid generated from the titanium sulphate process using solvent extraction with TRPO. Hydrometallurgy, 2020, 195, 105398.	4.3	29
4	Hydrothermal-treatment desorption of cesium from clay minerals: The roles of organic acids and implications for soil decontamination. Water Research, 2020, 177, 115804.	11.3	16
5	Rapid and selective capture of perrhenate anion from simulated groundwater by a mesoporous silica-supported anion exchanger. Microporous and Mesoporous Materials, 2019, 274, 155-162.	4.4	61
6	An integrated process for removal and recovery of Cr(VI) from electroplating wastewater by ion exchange and reductionâ€“precipitation based on a silica-supported pyridine resin. Journal of Cleaner Production, 2019, 236, 117631.	9.3	110
7	Pellet silica-based titanate adsorbents with high selectivity for strontium removal from synthetic radioactive solutions. Journal of Sol-Gel Science and Technology, 2019, 91, 273-285.	2.4	13
8	Efficient and rapid adsorption of iodide ion from aqueous solution by porous silica spheres loaded with calcined Mg-Al layered double hydroxide. Journal of the Taiwan Institute of Chemical Engineers, 2018, 85, 193-200.	5.3	40
9	Effective and efficient desorption of Cs from hydrothermal-treated clay minerals for the decontamination of Fukushima radioactive soil. Chemical Engineering Journal, 2018, 333, 392-401.	12.7	32
10	Extraction Behavior of Lanthanides by a Novel Ionic Liquid Including N,N,Nâ€²,Nâ€²-Tetrakis(2-pyridylmethyl)-1,3-diaminopropane-2-amido Structure: A Softâ€“Hard Donor Combined Strategy. Chemistry Letters, 2018, 47, 732-735.	1.3	7
11	Enhanced desorption of cesium from collapsed interlayer regions in vermiculite by hydrothermal treatment with divalent cations. Journal of Hazardous Materials, 2017, 326, 47-53.	12.4	47
12	Effect of Temperature on K⁺ and Mg²⁺ Extracted Desorption of Cs from Vermiculitized Biotite. Chemistry Letters, 2017, 46, 1350-1352.	1.3	9
13	Effects of NH₄⁺, K⁺, Mg²⁺, and Ca²⁺ on the Cesium Adsorption/Desorption in Binding Sites of Vermiculitized Biotite. Environmental Science & Technology, 2017, 51, 13886-13894.	10.0	30
14	Desorption of Cesium Ions from Vermiculite with Sea Water by Hydrothermal Process. Chemistry Letters, 2016, 45, 256-258.	1.3	13
15	Selective adsorption and stable solidification of radioactive cesium ions by porous silica gels loaded with insoluble ferrocyanides. Science China Chemistry, 2014, 57, 1470-1476.	8.2	17