

# Xiangbiao Yin

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

471  
citations

759233

12  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

417  
citing authors

#	ARTICLE	IF	CITATIONS
1	An integrated process for removal and recovery of Cr(VI) from electroplating wastewater by ion exchange and reduction-precipitation based on a silica-supported pyridine resin. <i>Journal of Cleaner Production</i> , 2019, 236, 117631.	9.3	110
2	Rapid and selective capture of perrhenate anion from simulated groundwater by a mesoporous silica-supported anion exchanger. <i>Microporous and Mesoporous Materials</i> , 2019, 274, 155-162.	4.4	61
3	Enhanced desorption of cesium from collapsed interlayer regions in vermiculite by hydrothermal treatment with divalent cations. <i>Journal of Hazardous Materials</i> , 2017, 326, 47-53.	12.4	47
4	Efficient and rapid adsorption of iodide ion from aqueous solution by porous silica spheres loaded with calcined Mg-Al layered double hydroxide. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 85, 193-200.	5.3	40
5	One-pot synthesis of silicon-based zirconium phosphate for the enhanced adsorption of Sr (II) from the contaminated wastewater. <i>Microporous and Mesoporous Materials</i> , 2021, 318, 111016.	4.4	38
6	Effective and efficient desorption of Cs from hydrothermal-treated clay minerals for the decontamination of Fukushima radioactive soil. <i>Chemical Engineering Journal</i> , 2018, 333, 392-401.	12.7	32
7	Effects of $\text{NH}_4^+$ , $\text{K}^+$ , $\text{Mg}^{2+}$ , and $\text{Ca}^{2+}$ on the Cesium Adsorption/Desorption in Binding Sites of Vermiculitized Biotite. <i>Environmental Science &amp; Technology</i> , 2017, 51, 13886-13894.	10.0	30
8	Recovery of scandium from white waste acid generated from the titanium sulphate process using solvent extraction with TRPO. <i>Hydrometallurgy</i> , 2020, 195, 105398.	4.3	29
9	Selective adsorption and stable solidification of radioactive cesium ions by porous silica gels loaded with insoluble ferrocyanides. <i>Science China Chemistry</i> , 2014, 57, 1470-1476.	8.2	17
10	Hydrothermal-treatment desorption of cesium from clay minerals: The roles of organic acids and implications for soil decontamination. <i>Water Research</i> , 2020, 177, 115804.	11.3	16
11	Desorption of Cesium Ions from Vermiculite with Sea Water by Hydrothermal Process. <i>Chemistry Letters</i> , 2016, 45, 256-258.	1.3	13
12	Pellet silica-based titanate adsorbents with high selectivity for strontium removal from synthetic radioactive solutions. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 91, 273-285.	2.4	13
13	Effect of Temperature on $\text{K}^+$ and $\text{Mg}^{2+}$ Extracted Desorption of Cs from Vermiculitized Biotite. <i>Chemistry Letters</i> , 2017, 46, 1350-1352.	1.3	9
14	Selective removal of radiocesium from micaceous clay for post-accident soil decontamination by temperature-controlled Mg-leaching in a column. <i>Journal of Hazardous Materials</i> , 2020, 387, 121677.	12.4	9
15	Extraction Behavior of Lanthanides by a Novel Ionic Liquid Including $\text{N,N,N',N'-Tetrakis}(2\text{-pyridylmethyl})\text{-1,3-diaminopropane-2-amido}$ Structure: A Soft-Hard Donor Combined Strategy. <i>Chemistry Letters</i> , 2018, 47, 732-735.	1.3	7