

Hai-Yan Sun

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

202
citations

1040056

9
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

160
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Selective Recovery of Lanthanides by Using a Layered Vanadate with Acid and Radiation Resistance. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1878-1883.	13.8	31
2	Layered Thiostannates with Distinct Arrangements of Mixed Cations for the Selective Capture of Cs ⁺ , Sr ²⁺ , and Eu ³⁺ Ions. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 10191-10201.	8.0	28
3	Selective Capture of Ba ²⁺ , Ni ²⁺ , and Co ²⁺ by a Robust Layered Metal Sulfide. <i>Chemistry of Materials</i> , 2020, 32, 1957-1963.	6.7	27
4	Fast and Selective Removal of Aqueous Uranium by a K ⁺ -Activated Robust Zeolitic Sulfide with Wide pH Resistance. <i>Inorganic Chemistry</i> , 2019, 58, 11622-11629.	4.0	24
5	Hybrid iodoplumbates with metal complexes: syntheses, crystal structures, band gaps and photoelectric properties. <i>Dalton Transactions</i> , 2020, 49, 1803-1810.	3.3	24
6	Efficient Removal of Cs ⁺ and Sr ²⁺ Ions by Granulose (Me ₂ NH) _{4/3} (Me ₃ NH) _{2/3} Sn ₃ S ₇ ·1.25H ₂ O Composite. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 13434-13442.	3.7	21
7	Rapid and Selective Uptake of Cs ⁺ and Sr ²⁺ Ions by a Layered Thiostannate with Acid-Base and Irradiation Resistances. <i>ACS ES&T Water</i> , 2021, 1, 2440-2449.	4.6	12
8	High-capacity recovery of Cs ⁺ ions by facilely synthesized layered vanadyl oxalatophosphates with the clear insight into remediation mechanism. <i>Journal of Hazardous Materials</i> , 2022, 434, 128869.	12.4	12
9	Robust and Flexible Thioantimonate Materials for Cs ⁺ Remediation with Distinctive Structural Transformation: A Clear Insight into the Ion-Exchange Mechanism. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 5275-5283.	8.0	11
10	Anisotropic proton conduction realized by a layered vanadium selenite single crystal. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1699-1703.	6.0	9
11	Highly Selective Recovery of Lanthanides by Using a Layered Vanadate with Acid and Radiation Resistance. <i>Angewandte Chemie</i> , 2020, 132, 1894-1899.	2.0	3
12	Towards new cesium containing manganese vanadates via a precursor method. <i>CrystEngComm</i> , 2021, 23, 6909-6914.	2.6	0