

Baile Wu

List of Publications by Year in descending order

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11
papers

1,291
citations

933447

10
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

955
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective Phosphate Removal from Water and Wastewater using Sorption: Process Fundamentals and Removal Mechanisms. <i>Environmental Science & Technology</i> , 2020, 54, 50-66.	10.0	437
2	Highly efficient and selective phosphate removal from wastewater by magnetically recoverable La(OH) ₃ /Fe ₃ O ₄ nanocomposites. <i>Water Research</i> , 2017, 126, 179-188.	11.3	279
3	Removal Mechanisms of Phosphate by Lanthanum Hydroxide Nanorods: Investigations using EXAFS, ATR-FTIR, DFT, and Surface Complexation Modeling Approaches. <i>Environmental Science & Technology</i> , 2017, 51, 12377-12384.	10.0	142
4	Fabrication of silica-free superparamagnetic ZrO ₂ @Fe ₃ O ₄ with enhanced phosphate recovery from sewage: Performance and adsorption mechanism. <i>Chemical Engineering Journal</i> , 2017, 319, 258-267.	12.7	130
5	Lanthanum oxide nanorods for enhanced phosphate removal from sewage: A response surface methodology study. <i>Chemosphere</i> , 2018, 192, 209-216.	8.2	95
6	Surface Functional Group Engineering of CeO ₂ Particles for Enhanced Phosphate Adsorption. <i>Environmental Science & Technology</i> , 2020, 54, 4601-4608.	10.0	81
7	Role of surface functional groups of hydrogels in metal adsorption: From performance to mechanism. <i>Journal of Hazardous Materials</i> , 2021, 408, 124463.	12.4	63
8	Development of Fe ₀ /Fe ₃ O ₄ composites with tunable properties facilitated by Fe ²⁺ for phosphate removal from river water. <i>Chemical Engineering Journal</i> , 2020, 388, 124242.	12.7	37
9	Scaled-up development of magnetically recyclable Fe ₃ O ₄ /La(OH) ₃ composite for river water phosphate removal: From bench-scale to pilot-scale study. <i>Science of the Total Environment</i> , 2021, 791, 148281.	8.0	15
10	Application of Magnetic Hydrogel for Anionic Pollutants Removal from Wastewater with Adsorbent Regeneration and Reuse. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2017, 21, .	2.0	12
11	Magnetically separable ZrO ₂ @SiO ₂ @Fe ₃ O ₄ for selective phosphate removal from wastewater. <i>HKIE Transactions</i> , 2019, 26, 88-96.	0.1	0