

Shengye Wang

List of Publications by Year in descending order

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12
papers

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933447

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382
citing authors

#	ARTICLE	IF	CITATIONS
1	Pd(II) and Pt(IV) sorption using alginate and algal-based beads. <i>Chemical Engineering Journal</i> , 2017, 313, 567-579.	12.7	73
2	Selenium(VI) and copper(II) adsorption using polyethyleneimine-based resins: Effect of glutaraldehyde crosslinking and storage condition. <i>Journal of Hazardous Materials</i> , 2020, 386, 121637.	12.4	67
3	Recent advances in hybrid wet scrubbing techniques for NO _x and SO ₂ removal: State of the art and future research. <i>Chemosphere</i> , 2021, 273, 129695.	8.2	45
4	New highly-percolating alginate-PEI membranes for efficient recovery of chromium from aqueous solutions. <i>Carbohydrate Polymers</i> , 2019, 225, 115177.	10.2	29
5	Modeling competitive sorption of lead and copper ions onto alginate and greenly prepared algal-based beads. <i>Bioresource Technology</i> , 2017, 231, 26-35.	9.6	28
6	A new method for incorporating polyethyleneimine (PEI) in algal beads: High stability as sorbent for palladium recovery and supported catalyst for nitrophenol hydrogenation. <i>Materials Chemistry and Physics</i> , 2019, 221, 144-155.	4.0	21
7	Praseodymium sorption on <i>Laminaria digitata</i> algal beads and foams. <i>Journal of Colloid and Interface Science</i> , 2017, 504, 780-789.	9.4	20
8	A Comparison of Palladium Sorption Using Polyethyleneimine Impregnated Alginate-Based and Carrageenan-Based Algal Beads. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 264.	2.5	18
9	Activation of sodium persulfate by TiO ₂ @MIL-101(Fe): Boosting the Fenton-like process by interfacial charge transfer. <i>Chemosphere</i> , 2022, 288, 132666.	8.2	15
10	Algal Foams Applied in Fixed-Bed Process for Lead(II) Removal Using Recirculation or One-Pass Modes. <i>Marine Drugs</i> , 2017, 15, 315.	4.6	10
11	Batch sorption and fixed-bed elution for Pd recovery using stable amine-functionalized melamine sponge. <i>Journal of Cleaner Production</i> , 2022, 337, 130475.	9.3	9
12	Palladium nanoparticles supported on amine-functionalized alginate foams for hydrogenation of 3-nitrophenol. <i>Journal of Materials Science</i> , 2020, 55, 2032-2051.	3.7	8