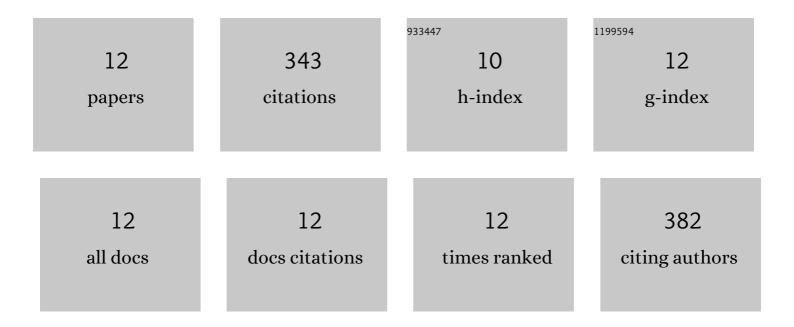
Shengye Wang

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Pd(II) and Pt(IV) sorption using alginate and algal-based beads. Chemical Engineering Journal, 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. Journal of Hazardous Materials, 2020, 386, 121637. | 12.4 | 67 |
| 3 | Recent advances in hybrid wet scrubbing techniques for NOx and SO2 removal: State of the art and future research. Chemosphere, 2021, 273, 129695. | 8.2 | 45 |
| 4 | New highly-percolating alginate-PEI membranes for efficient recovery of chromium from aqueous solutions. Carbohydrate Polymers, 2019, 225, 115177. | 10.2 | 29 |
| 5 | Modeling competitive sorption of lead and copper ions onto alginate and greenly prepared algal-based beads. Bioresource Technology, 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. Materials Chemistry and Physics, 2019, 221, 144-155. | 4.0 | 21 |
| 7 | Praseodymium sorption on Laminaria digitata algal beads and foams. Journal of Colloid and Interface Science, 2017, 504, 780-789. | 9.4 | 20 |
| 8 | A Comparison of Palladium Sorption Using Polyethylenimine Impregnated Alginate-Based and Carrageenan-Based Algal Beads. Applied Sciences (Switzerland), 2018, 8, 264. | 2.5 | 18 |
| 9 | Activation of sodium persulfate by TiO2@MIL-101(Fe): Boosting the Fenton-like process by interfacial charge transfer. Chemosphere, 2022, 288, 132666. | 8.2 | 15 |
| 10 | Algal Foams Applied in Fixed-Bed Process for Lead(II) Removal Using Recirculation or One-Pass Modes. Marine Drugs, 2017, 15, 315. | 4.6 | 10 |
| 11 | Batch sorption and fixed-bed elution for Pd recovery using stable amine-functionalized melamine sponge. Journal of Cleaner Production, 2022, 337, 130475. | 9.3 | 9 |
| 12 | Palladium nanoparticles supported on amine-functionalized alginate foams for hydrogenation of 3-nitrophenol. Journal of Materials Science, 2020, 55, 2032-2051. | 3.7 | 8 |