

Jingxuan Ai

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

243
citations

1307594

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1474206

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9
all docs

9
docs citations

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245
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Element doping of biochars enhances catalysis of trichloroethylene dechlorination. <i>Chemical Engineering Journal</i> , 2022, 428, 132496. | 12.7 | 12 |
| 2 | Fine-tuning green rust-bone char composite synthesis for efficient chlorinated ethylene remediation. <i>Chemical Engineering Journal</i> , 2022, 446, 136770. | 12.7 | 1 |
| 3 | Stabilized green rusts for aqueous Cr(VI) removal: Fast kinetics, high iron utilization rate and anti-acidification. <i>Chemosphere</i> , 2021, 262, 127853. | 8.2 | 19 |
| 4 | Biochar catalyzed dechlorination – Which biochar properties matter?. <i>Journal of Hazardous Materials</i> , 2021, 406, 124724. | 12.4 | 28 |
| 5 | Chlorinated solvent degradation in groundwater by green rust-bone char composite: solute interactions and chlorinated ethylene competition. <i>Environmental Science: Water Research and Technology</i> , 2021, 7, 2043-2053. | 2.4 | 4 |
| 6 | Bone Char Mediated Dechlorination of Trichloroethylene by Green Rust. <i>Environmental Science & Technology</i> , 2020, 54, 3643-3652. | 10.0 | 44 |
| 7 | Fast Dechlorination of Chlorinated Ethylenes by Green Rust in the Presence of Bone Char. <i>Environmental Science and Technology Letters</i> , 2019, 6, 191-196. | 8.7 | 50 |
| 8 | A Silicate/Glycine Switch To Control the Reactivity of Layered Iron(II)-Iron(III) Hydroxides for Dechlorination of Carbon Tetrachloride. <i>Environmental Science & Technology</i> , 2018, 52, 7876-7883. | 10.0 | 30 |
| 9 | Enhanced removal of sulfonamide antibiotics by KOH-activated anthracite coal: Batch and fixed-bed studies. <i>Environmental Pollution</i> , 2016, 211, 425-434. | 7.5 | 55 |