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Publications

PUBLICATIONS

- **Lattice-sulfur-impregnated zero-valent iron crystals for long-term metal encapsulation** *NATURE SUSTAINABILITY*
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2024
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2024: 173046
- **A Critical Look at Colloid Generation, Stability, and Transport in Redox-Dynamic Environments: Challenges and Perspectives** *ACS EARTH AND SPACE CHEMISTRY*
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- **X-ray chemical imaging for assessing redox microsites within soils and sediments** *FRONTIERS IN ENVIRONMENTAL CHEMISTRY*
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- **Reducing Conditions Influence U(IV) Accumulation in Sediments during *In Situ* Bioremediation** *ACS EARTH AND SPACE CHEMISTRY*
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- **Environmental impact of solution pH on the formation and migration of iron colloids in deep subsurface energy systems.** *The Science of the total environment*
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- **Structure and composition of natural ferrihydrite nano-colloids in anoxic groundwater.** *Water research*
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- **Dynamic development of geochemical reaction fronts during hydraulic stimulation of shale** *APPLIED GEOCHEMISTRY*
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- **Nitrate Controls on the Extent and Type of Metal Retention in Fine-Grained Sediments of a Simulated Aquifer.** *Environmental science & technology*

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- **Colloid formation driven by redox processes: Impact on groundwater quality in shallow alluvial aquifers**
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