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Effect of Organic Acids on Geo-Storage Formations

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Effect of Nano-Suspensions on Geo-Storage Formations



References

- 1. Ali et al., (2019). Organic acid concentration thresholds for ageing of carbonate minerals: Implications for CO2 trapping/storage. *Journal of colloid and interface science*, 534, 88-94.
- 2. Ali et al., (2019). CO2-wettability of sandstones exposed to traces of organic acids: Implications for CO2 geo-storage. *International Journal of Greenhouse Gas Control*, 83, 61-68.
- 3. Ali et al., (2020). Influence of Organic Acid Concentration on Wettability Alteration of Cap-Rock: Implications for CO2 Trapping/Storage. ACS Applied Materials & Interfaces, 12(35), 39850-39858.
- 4. Ali et al., (2020). Effect of nanofluid on CO2-wettability reversal of sandstone formation; implications for CO2 geo-storage. *Journal of colloid and interface science*, 559, 304-312.
- 5. Ali et al., (2021). CO2-wettability reversal of cap-rock by alumina nanofluid: Implications for CO2 geo-storage. *Fuel Processing Technology*, 214, 106722.

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