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Optimal design of supply chain network with carbon dioxide injection for enhanced shale gas recovery

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|----|--|------|-----------|
| 20 | Evaluating the spatiotemporal variability of water recovery ratios of shale gas wells and their effects on shale gas development. <i>Journal of Cleaner Production</i> , <b>2020</b> , 276, 123171                                       | 10.3 | 7         |
| 19 | Techno-economic assessment of carbonate melt flue gas desulfurization process. <i>Computers and Chemical Engineering</i> , <b>2021</b> , 146, 107227   | 4    | 7         |
| 18 | A closed-loop integration of scheduling and control for hydraulic fracturing using offset-free model predictive control. <i>Applied Energy</i> , <b>2021</b> , 302, 117487   | 10.7 | 2         |
| 17 | Techno-economic comparison of amine regeneration process with heat-stable amine salt reclaiming units. <i>Energy Science and Engineering</i> , <b>2021</b> , 9, 2529   | 3.4  | 3         |
| 16 | Deep neural network-based optimal selection and blending ratio of waste seashells as an alternative to high-grade limestone depletion for SOX capture and utilization. <i>Chemical Engineering Journal</i> , <b>2021</b> , 133244        | 14.7 | 4         |
| 15 | Design and Evaluation of High-Temperature Well Cementing Slurry System Based on Fractal Theory. <i>Energies</i> , <b>2021</b> , 14, 7552   | 3.1  | 0         |
| 14 | An overview on the enhanced gas condensate recovery with novel and green methods <i>Environmental Science and Pollution Research</i> , <b>2022</b> , 1   | 5.1  |           |
| 13 | The progress of enhanced gas recovery (EGR) in shale gas reservoirs: A review of theory, experiments, and simulations. <i>Journal of Petroleum Science and Engineering</i> , <b>2022</b> , 213, 110461                                   | 4.4  | 2         |
| 12 | Multi-objective optimization of CO2 emission and thermal efficiency for on-site steam methane reforming hydrogen production process using machine learning. <i>Journal of Cleaner Production</i> , <b>2022</b> , 359, 132133             | 10.3 | 2         |
| 11 | Optimal strategy to sort plastic waste considering economic feasibility to increase recycling efficiency. <i>Chemical Engineering Research and Design</i> , <b>2022</b> ,  | 5.5  | 0         |
| 10 | Designing and integrating NOx, SO2 and CO2 capture and utilization process using desalination wastewater. <i>Fuel</i> , <b>2022</b> , 327, 124986  | 7.1  | O         |
| 9  | Challenges and Opportunities in Carbon Capture, Utilization and Storage: A Process Systems Engineering Perspective. <i>Computers and Chemical Engineering</i> , <b>2022</b> , 107925   | 4    | 1         |
| 8  | The competitive adsorption of CO2 and CH4 and pore structure characterization: Implication for enhanced gas recovery and carbon sequestration. <b>2022</b> ,   |      |           |
| 7  | A techno-economic analysis framework for power system-aware co-expansion planning of integrated gas transmission networks and chemical industries toward a more sustainable management of multi-energy systems. <b>2022</b> , 32, 100893 |      |           |
| 6  | A digital platform for the design of patient-centric supply chains. <b>2022</b> , 12,  |      | O         |
| 5  | Optimal sorting and recycling of plastic waste as a renewable energy resource considering economic feasibility and environmental pollution. <b>2022</b> ,  |      | 1         |
| 4  | Technology portfolios optimization to deliver cost-effective shale gas development: Using CO2 versus water. <b>2023</b> , 335, 127006  |      | O         |

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Exploring the benefits of utilizing small modular device for sustainable and flexible shale gas water management. 2022, 135282

Pore-Scale Study of Wettability Alteration and Fluid Flow in Propped Fractures of Ultra-Tight Carbonates. 2023, 39, 1870-1884

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