CO2 capture and utilization from supercritical coal direct chemical looping combustion power plant Comprehensive analysis of different case studies

DOI: 10.1016/j.apenergy.2021.117915
Applied Energy, 2021, 304, 117915.

#	Paper	IF	Citations
7	Development of multimode gas-fired combined-cycle chemical-looping combustion-based power plant layouts.. *Environmental Science and Pollution Research*, **2022**, 1	5.1	
6	Technical analysis of CO2 capture pathways and technologies. **2022**, 10, 108470		1
5	Evaluation of the effect of pressure and heat transfer on the efficiency of a batch fuel reactor, using Iron-based Oxygen Carrier with a CFD model. **2023**, 333, 126266		0
4	Performance Evaluation of Torrefaction Coupled with a Chemical Looping Gasification Process under Autothermal Conditions: Flexible Syngas Production from Biomass.		0
3	Concept design, parameter analysis, and thermodynamic evaluation of a novel integrated gasification chemical-looping combustion combined cycle power generation system. **2023**, 279, 116768		0
2	Techno-Economic Assessment of Natural Gas Combined Cycle Power Plants with Carbon Capture and Utilization. **2023**, 37, 5961-5975		0
1	Design framework for dimethyl ether (DME) production from coal and biomass-derived syngas via simulation approach.		0