

CaO-based CO₂ sorbents: A review on screening, enhancement, regeneration and kinetics modelling

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Role of calcium looping conditions on the performance of natural and synthetic Ca-based materials for energy storage. Journal of CO ₂ Utilization, 2018, 28, 374-384.	6.8	110
2	Eggshell as a potential CO ₂ sorbent in the calcium looping gasification of biomass. Waste Management, 2018, 80, 274-284.	7.4	25
3	Performance of synthetic CaO-based sorbent pellets for CO ₂ capture and kinetic analysis. Fuel, 2018, 232, 205-214.	6.4	35
4	Numerical investigation of CO ₂ valorization via the steam gasification of biomass for producing syngas with flexible H ₂ to CO ratio. Journal of CO ₂ Utilization, 2018, 27, 32-41.	6.8	18
5	Preparation and Evaluation of CaO-Based CO ₂ Sorbents Deposited on Saffil Fiber Supports. Energy & Fuels, 2018, 32, 8631-8640.	5.1	4
6	The combined effect of H ₂ O and SO ₂ on CO ₂ uptake and sorbent attrition during fluidised bed calcium looping. Proceedings of the Combustion Institute, 2019, 37, 4379-4387.	3.9	23
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14	Porous spherical calcium aluminate-supported CaO-based pellets manufactured via biomass-templated extrusion-spheronization technique for cyclic CO ₂ capture. Environmental Science and Pollution Research, 2019, 26, 21972-21982.	5.3	13
15	Investigation of a dual cold-flow fluidized bed for calcium looping gasification process. Powder Technology, 2019, 353, 10-19.	4.2	10
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17	Eggshell as a Carbon Dioxide Sorbent: Kinetics of the Calcination and Carbonation Reactions. Energy & Fuels, 2019, 33, 4474-4486.	5.1	14
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