

Martin Haaf

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

360
citations

840776

11
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

310
citing authors

#	ARTICLE	IF	CITATIONS
1	CO ₂ capture from waste-to-energy plants: Techno-economic assessment of novel integration concepts of calcium looping technology. <i>Resources, Conservation and Recycling</i> , 2020, 162, 104973.	10.8	50
2	Long-term pilot testing of the carbonate looping process in 1 MWth scale. <i>Fuel</i> , 2017, 210, 892-899.	6.4	47
3	Technical and environmental study of calcium carbonate looping versus oxy-fuel options for low CO ₂ emission cement plants. <i>International Journal of Greenhouse Gas Control</i> , 2018, 75, 85-97.	4.6	41
4	Integration of the calcium carbonate looping process into an existing pulverized coal-fired power plant for CO ₂ capture: Techno-economic and environmental evaluation. <i>Applied Energy</i> , 2018, 222, 169-179.	10.1	36
5	Dynamic simulation of a municipal solid waste incinerator. <i>Energy</i> , 2018, 149, 230-249.	8.8	33
6	Investigation of the fuel influence on the carbonate looping process in 1 MWth scale. <i>Fuel Processing Technology</i> , 2018, 169, 170-177.	7.2	30
7	Long-term Carbonate Looping Testing in a 1 MWth Pilot Plant with Hard Coal and Lignite. <i>Energy Procedia</i> , 2017, 114, 179-190.	1.8	27
8	Combustion of solid recovered fuels within the calcium looping process – Experimental demonstration at 1 MWth scale. <i>Experimental Thermal and Fluid Science</i> , 2020, 113, 110023.	2.7	21
9	Scale-up of the carbonate looping process to a 20 MWth pilot plant based on long-term pilot tests. <i>International Journal of Greenhouse Gas Control</i> , 2019, 88, 332-341.	4.6	18
10	Operation of a 1 MWth calcium looping pilot plant firing waste-derived fuels in the calciner. <i>Powder Technology</i> , 2020, 372, 267-274.	4.2	17
11	Process Modelling of the Calcium Looping Process and Validation Against 1 MWth Pilot Testing. <i>Energy Procedia</i> , 2017, 114, 167-178.	1.8	15
12	Assessment of the operability of a 20 MWth calcium looping demonstration plant by advanced process modelling. <i>International Journal of Greenhouse Gas Control</i> , 2018, 75, 224-234.	4.6	9
13	Techno-economic assessment of alternative fuels in second-generation carbon capture and storage processes. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2020, 25, 149-164.	2.1	9
14	Techno-economic and Environmental Analysis of Calcium Carbonate Looping for CO ₂ Capture from a Pulverised Coal-Fired Power Plant. <i>Energy Procedia</i> , 2017, 142, 3447-3453.	1.8	7