Hans Meerman

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5777725/publications.pdf

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21	742	623574	713332
papers	citations	14 h-index	21 g-index

22	22	22	829
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Potential role of natural gas infrastructure in China to supply low-carbon gases during 2020â€“2050. Applied Energy, 2022, 306, 117989.	5.1	15
2	Fully integrated CO2 mitigation strategy for an existing refinery: A case study in Colombia. Applied Energy, 2022, 313, 118771.	5.1	10
3	Technological progress observed for fixed-bottom offshore wind in the EU and UK. Technological Forecasting and Social Change, 2022, 182, 121856.	6.2	6
4	Assessing bioâ€oil coâ€processing routes as <scp>CO₂</scp> mitigation strategies inÂoil refineries. Biofuels, Bioproducts and Biorefining, 2021, 15, 305-333.	1.9	24
5	Techno-economic and life cycle greenhouse gas emissions assessment of liquefied natural gas supply chain in China. Energy, 2021, 224, 120049.	4.5	13
6	Improving the analytical framework for quantifying technological progress in energy technologies. Renewable and Sustainable Energy Reviews, 2021, 145, 111084.	8.2	17
7	Harmonized comparison of virgin steel production using biomass with carbon capture and storage for negative emissions. International Journal of Greenhouse Gas Control, 2021, 112, 103519.	2.3	13
8	Comprehensive review of current natural gas liquefaction processes on technical and economic performance. Applied Thermal Engineering, 2020, 166, 114736.	3.0	71
9	Technical and economic optimization of expander-based small-scale natural gas liquefaction processes with absorption precooling cycle. Energy, 2020, 191, 116592.	4.5	24
10	Assessing deployment pathways for greenhouse gas emissions reductions in an industrial plant â€“ A case study for a complex oil refinery. Applied Energy, 2019, 236, 354-378.	5.1	51
11	Explorative economic analysis of a novel biogas upgrading technology using carbon mineralization. A case study for Spain. Energy, 2015, 79, 298-309.	4.5	18
12	Comparative life cycle assessment of biomass co-firing plants with carbon capture and storage. Applied Energy, 2014, 131, 441-467.	5.1	100
13	Optimization potential of biomass supply chains with torrefaction technology. Biofuels, Bioproducts and Biorefining, 2014, 8, 253-282.	1.9	42
14	Technical and economic prospects of coal- and biomass-fired integrated gasification facilities equipped with CCS over time. International Journal of Greenhouse Gas Control, 2013, 16, 311-323.	2.3	44
15	The Techno-Economic Potential of Integrated Gasification Co-Generation Facilities with CCS Going from Coal to Biomass. Energy Procedia, 2013, 37, 6053-6061.	1.8	11
16	Future technological and economic performance of IGCC and FT production facilities with and without CO2 capture: Combining component based learning curve and bottom-up analysis. International Journal of Greenhouse Gas Control, 2013, 16, 287-310.	2.3	32
17	Techno-economic assessment of CO2 capture at steam methane reforming facilities using commercially available technology. International Journal of Greenhouse Gas Control, 2012, 9, 160-171.	2.3	85
18	Performance of simulated flexible integrated gasification polygeneration facilities, Part B: Economic evaluation.. Renewable and Sustainable Energy Reviews, 2012, 16, 6083-6102.	8.2	79

#	Article	IF	Citations
19	Assessing the economic feasibility of flexible integrated gasification Co-generation facilities. Energy Procedia, 2011, 4, 1973-1980.	1.8	1
20	Performance of simulated flexible integrated gasification polygeneration facilities. Part A: A technical-energetic assessment. Renewable and Sustainable Energy Reviews, 2011, 15, 2563-2587.	8.2	81
21	Flexible integrated gasification co-generation facilities A technical and energy analysis. Energy Procedia, 2009, 1, 4241-4248.	1.8	4