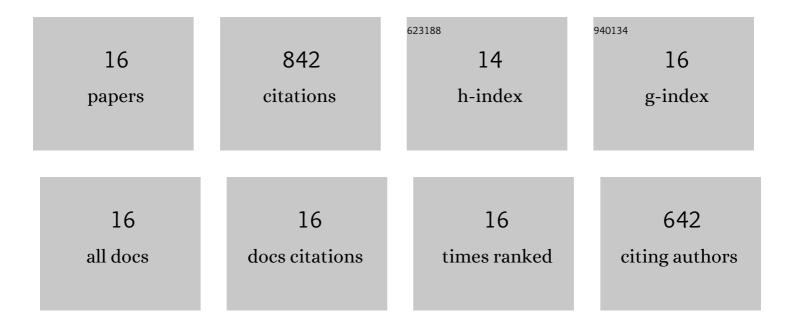
Patrick Moldenhauer

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6888705/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Avoiding CO2 capture effort and cost for negative CO2 emissions using industrial waste in chemical-looping combustion/gasification of biomass. Mitigation and Adaptation Strategies for Global Change, 2020, 25, 1-24.	1.0	36
2	Using Mn-Si oxygen carriers supported with CaO or Al2O3 for converting methane and syngas in chemical-looping with oxygen uncoupling (CLOU). Fuel Processing Technology, 2020, 201, 106315.	3.7	5
3	Oxygenâ€Carrier Development of Calcium Manganite–Based Materials with Perovskite Structure for Chemical‣ooping Combustion of Methane. Energy Technology, 2020, 8, 2000069.	1.8	16
4	Applying machine learning algorithms in estimating the performance of heterogeneous, multi-component materials as oxygen carriers for chemical-looping processes. Chemical Engineering Journal, 2020, 387, 124072.	6.6	48
5	Influence of heat treatment on manganese ores as oxygen carriers. International Journal of Greenhouse Gas Control, 2019, 87, 238-245.	2.3	7
6	Chemical-looping combustion of synthetic biomass-volatiles with manganese-ore oxygen carriers. International Journal of Greenhouse Gas Control, 2018, 71, 239-252.	2.3	30
7	Chemical-looping technologies using circulating fluidized bed systems: Status of development. Fuel Processing Technology, 2018, 172, 1-12.	3.7	172
8	Chemical-Looping Combustion of Kerosene and Gaseous Fuels with a Natural and a Manufactured Mn–Fe-Based Oxygen Carrier. Energy & Fuels, 2018, 32, 8803-8816.	2.5	25
9	Chemical-looping combustion with heavy liquid fuels in a 10 kW pilotÂplant. Fuel Processing Technology, 2017, 156, 124-137.	3.7	39
10	Measuring attrition resistance of oxygen carrier particles for chemical looping combustion with a customized jet cup. Powder Technology, 2014, 256, 75-86.	2.1	143
11	Chemical-Looping Combustion with Fuel Oil in a 10 kW Pilot Plant. Energy & Fuels, 2014, 28, 5978-5987.	2.5	37
12	The use of ilmenite as oxygen carrier with kerosene in a 300 W CLC laboratory reactor with continuous circulation. Applied Energy, 2014, 113, 1846-1854.	5.1	58
13	Chemical-Looping Combustion with Liquid Fuels. Energy Procedia, 2013, 37, 654-661.	1.8	23
14	Chemical-looping combustion and chemical-looping reforming of kerosene in a circulating fluidized-bed 300W laboratory reactor. International Journal of Greenhouse Gas Control, 2012, 9, 1-9.	2.3	62
15	Chemical-looping combustion and chemical-looping with oxygen uncoupling of kerosene with Mn- and Cu-based oxygen carriers in a circulating fluidized-bed 300W laboratory reactor. Fuel Processing Technology, 2012, 104, 378-389.	3.7	82
16	Testing of minerals and industrial by-products as oxygen carriers for chemical-looping combustion in a circulating fluidized-bed 300W laboratory reactor. Fuel, 2012, 93, 351-363.	3.4	59