Arturo Cabello

List of Publications by Year
in descending order

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13 papers	259 citations	1162367 8 h-index	1199166 12 g-index
13 all docs	13 docs citations	13 times ranked	238 citing authors

#	Article	IF	Citations
1	Reduction and Oxidation Kinetics of a CaMn_{0.9}Mg_{0.1}O_{3â˜Î´} Oxygen Carrier for Chemical-Looping Combustion. Industrial & Engineering Chemistry Research, 2014, 53, 87-103.	1.8	70
2	Effect of Operating Conditions and H₂S Presence on the Performance of CaMg_{0.1}Mn_{0.9}O_{3â˜Î´} Perovskite Material in Chemical Looping Combustion (CLC). Energy & Fuels, 2014, 28, 1262-1274.	2.5	54
3	Sulphuric acid production via Chemical Looping Combustion of elemental sulphur. Applied Energy, 2016, 178, 736-745.	5.1	36
4	Increasing energy efficiency in chemical looping combustion of methane by in-situ activation of perovskite-based oxygen carriers. Applied Energy, 2021, 287, 116557.	5.1	30
5	Effects of H₂S on the Reactivity of Ilmenite Ore as Chemical Looping Combustion Oxygen Carrier with Methane as Fuel. Energy & Fuels, 2019, 33, 585-594.	2.5	16
6	Economic analysis of pressurized chemical looping combustion for steam assisted gravity drainage applications. International Journal of Greenhouse Gas Control, 2019, 90, 102786.	2.3	13
7	Qualification of operating conditions to extend oxygen carrier utilization in the scaling up of chemical looping processes. Chemical Engineering Journal, 2022, 430, 132602.	6.6	13
8	Techno-economic analysis of a chemical looping combustion process for biogas generated from livestock farming and agro-industrial waste. Energy Conversion and Management, 2022, 267, 115865.	4.4	13
9	Effect of the Presence of Siloxanes in Biogas Chemical Looping Combustion. Energy & Fuels, 2021, 35, 14984-14994.	2.5	6
10	Evaluation of a highly reactive and sulfur resistant synthetic Fe-based oxygen carrier for CLC using gaseous fuels. Energy Procedia, 2013, 37, 580-587.	1.8	4
11	Effect of Sulfur on the Reduction of Ilmenite by Syngas in Chemical Looping Combustion. ACS Omega, 2020, 5, 9674-9683.	1.6	2
12	Technical Economic and Environmental analysis of Chemical Looping versus oxyfuel combustion for NGCC power plant. E3S Web of Conferences, 2021, 312, 08019.	0.2	2
13	LIFE+ zero Hytechpark: Toward a sustainable building with termal, photovoltaic and hydrogen technology. Renewable Energy and Power Quality Journal, 0, , 512-517.	0.2	0