

# Arturo Cabello

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5552726/publications.pdf>

Version: 2024-02-01

13  
papers

259  
citations

1162889

8  
h-index

1199470

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

238  
citing authors

#	ARTICLE	IF	CITATIONS
1	Qualification of operating conditions to extend oxygen carrier utilization in the scaling up of chemical looping processes. <i>Chemical Engineering Journal</i> , 2022, 430, 132602.	6.6	13
2	Techno-economic analysis of a chemical looping combustion process for biogas generated from livestock farming and agro-industrial waste. <i>Energy Conversion and Management</i> , 2022, 267, 115865.	4.4	13
3	Increasing energy efficiency in chemical looping combustion of methane by in-situ activation of perovskite-based oxygen carriers. <i>Applied Energy</i> , 2021, 287, 116557.	5.1	30
4	Effect of the Presence of Siloxanes in Biogas Chemical Looping Combustion. <i>Energy &amp; Fuels</i> , 2021, 35, 14984-14994.	2.5	6
5	Technical Economic and Environmental analysis of Chemical Looping versus oxyfuel combustion for NGCC power plant. <i>E3S Web of Conferences</i> , 2021, 312, 08019.	0.2	2
6	Effect of Sulfur on the Reduction of Ilmenite by Syngas in Chemical Looping Combustion. <i>ACS Omega</i> , 2020, 5, 9674-9683.	1.6	2
7	Economic analysis of pressurized chemical looping combustion for steam assisted gravity drainage applications. <i>International Journal of Greenhouse Gas Control</i> , 2019, 90, 102786.	2.3	13
8	Effects of $H_2S$ on the Reactivity of Ilmenite Ore as Chemical Looping Combustion Oxygen Carrier with Methane as Fuel. <i>Energy &amp; Fuels</i> , 2019, 33, 585-594.	2.5	16
9	Sulphuric acid production via Chemical Looping Combustion of elemental sulphur. <i>Applied Energy</i> , 2016, 178, 736-745.	5.1	36
10	Reduction and Oxidation Kinetics of a $CaMn_{0.9}Mg_{0.1}O_{3\lambda}$ Oxygen Carrier for Chemical-Looping Combustion. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 87-103.	1.8	70
11	Effect of Operating Conditions and $H_2S$ Presence on the Performance of $CaMg_{0.1}Mn_{0.9}O_{3\lambda}$ Perovskite Material in Chemical Looping Combustion (CLC). <i>Energy &amp; Fuels</i> , 2014, 28, 1262-1274.	2.5	54
12	Evaluation of a highly reactive and sulfur resistant synthetic Fe-based oxygen carrier for CLC using gaseous fuels. <i>Energy Procedia</i> , 2013, 37, 580-587.	1.8	4
13	LIFE+ zero Hytechpark: Toward a sustainable building with thermal, photovoltaic and hydrogen technology. <i>Renewable Energy and Power Quality Journal</i> , 0, , 512-517.	0.2	0