

# Ana YaÑez-Aulestia

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

119  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

70  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lithium cuprate, a multifunctional material for NO selective catalytic reduction by CO with subsequent carbon oxide capture at moderate temperatures. Reaction Chemistry and Engineering, 2021, 6, 2400-2410.	3.7	4
2	High and efficient carbon dioxide chemisorption on a new high lithium-content ceramic; hexalithium cobaltate (Li <sub>6</sub> CoO <sub>4</sub> ). Chemical Engineering Journal, 2020, 384, 123291.	12.7	19
3	The role of nickel addition on the CO <sub>2</sub> chemisorption enhancement in Ni-containing Li <sub>2</sub> CuO <sub>2</sub> : Analysis of the cyclability and different CO <sub>2</sub> partial pressure performance. Fuel, 2020, 277, 118185.	6.4	12
4	First discernments for NO storage and reduction (NSR) on lithium cuprate (Li <sub>2</sub> CuO <sub>2</sub> ) at moderate temperatures (100â€”â‰ˆT â‰ˆ 400â€”Â°C). Applied Catalysis B: Environmental, 2020, 275, 119119.	20.2	6
5	Evaluation of Me-Li <sub>2</sub> CuO <sub>2</sub> Solid Solutions (Where Me = Ni, Fe, and Mn) during CO <sub>2</sub> and CO Chemisorption. Journal of Physical Chemistry C, 2020, 124, 16019-16031.	3.1	11
6	Unraveling the effects on lithium-ion cathode performance by cation doping Mâ€”Li <sub>2</sub> CuO <sub>2</sub> solid solution samples (M = Mn, Fe and Ni). Dalton Transactions, 2020, 49, 4549-4558.	3.3	13
7	Enhancing CO <sub>2</sub> chemisorption on lithium cuprate (Li <sub>2</sub> CuO <sub>2</sub> ) at moderate temperatures and different pressures by alkaline nitrate addition. Physical Chemistry Chemical Physics, 2020, 22, 2803-2813.	2.8	10
8	New evidences in CO oxidation and selective chemisorption of carbon oxides on different alkaline ferrite crystal phases (NaFeO <sub>2</sub> and LiFeO <sub>2</sub> ). Fuel Processing Technology, 2020, 204, 106404.	7.2	17
9	Evaluation of Fe-containing Li <sub>2</sub> CuO <sub>2</sub> on CO <sub>2</sub> capture performed at different physicochemical conditions. Environmental Science and Pollution Research, 2019, 26, 29532-29543.	5.3	4
10	Thermocatalytic analysis of CO <sub>2</sub> -CO selective chemisorption mechanism on lithium cuprate (Li <sub>2</sub> CuO <sub>2</sub> )	2.7	23