

Ana YaÑez-Aulestia

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

119
citations

1307594

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h-index

1372567

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all docs

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docs citations

10
times ranked

70
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermocatalytic analysis of CO ₂ -CO selective chemisorption mechanism on lithium cuprate (Li ₂ CuO) Tj ETQq1	1.0,784314,rgBT /Oe 2.7	23
2	High and efficient carbon dioxide chemisorption on a new high lithium-content ceramic; hexalithium cobaltate (Li ₆ CoO ₄). Chemical Engineering Journal, 2020, 384, 123291.	12.7	19
3	New evidences in CO oxidation and selective chemisorption of carbon oxides on different alkaline ferrite crystal phases (NaFeO ₂ and LiFeO ₂). Fuel Processing Technology, 2020, 204, 106404.	7.2	17
4	Unraveling the effects on lithium-ion cathode performance by cation doping M ⁺ Li ₂ CuO ₂ solid solution samples (M = Mn, Fe and Ni). Dalton Transactions, 2020, 49, 4549-4558.	3.3	13
5	The role of nickel addition on the CO ₂ chemisorption enhancement in Ni-containing Li ₂ CuO ₂ : Analysis of the cyclability and different CO ₂ partial pressure performance. Fuel, 2020, 277, 118185.	6.4	12
6	Evaluation of Me-Li ₂ CuO ₂ Solid Solutions (Where Me = Ni, Fe, and Mn) during CO ₂ and CO Chemisorption. Journal of Physical Chemistry C, 2020, 124, 16019-16031.	3.1	11
7	Enhancing CO ₂ chemisorption on lithium cuprate (Li ₂ CuO ₂) at moderate temperatures and different pressures by alkaline nitrate addition. Physical Chemistry Chemical Physics, 2020, 22, 2803-2813.	2.8	10
8	First discernments for NO storage and reduction (NSR) on lithium cuprate (Li ₂ CuO ₂) at moderate temperatures (100-400°C). Applied Catalysis B: Environmental, 2020, 275, 119119.	20.2	6
9	Evaluation of Fe-containing Li ₂ CuO ₂ on CO ₂ capture performed at different physicochemical conditions. Environmental Science and Pollution Research, 2019, 26, 29532-29543.	5.3	4
10	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