

Pedro Castro-Fernández

List of Publications by Year in descending order

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Version: 2024-02-01

5
papers

114
citations

1937685

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h-index

2053705

5
g-index

7
all docs

7
docs citations

7
times ranked

118
citing authors

#	ARTICLE	IF	CITATIONS
1	Propane Dehydrogenation on Ga ₂ O ₃ -Based Catalysts: Contrasting Performance with Coordination Environment and Acidity of Surface Sites. ACS Catalysis, 2021, 11, 907-924.	11.2	55
2	Atomic-Scale Insight into the Structure of Metastable ³ Ga ₂ O ₃ Nanocrystals and their Thermally-Driven Transformation to ² Ga ₂ O ₃ . Journal of Physical Chemistry C, 2020, 124, 20578-20588.	3.1	24
3	Bulk and surface transformations of Ga ₂ O ₃ nanoparticle catalysts for propane dehydrogenation induced by a H ₂ treatment. Journal of Catalysis, 2022, 408, 155-164.	6.2	18
4	Uncovering selective and active Ga surface sites in gallia-alumina mixed-oxide propane dehydrogenation catalysts by dynamic nuclear polarization surface enhanced NMR spectroscopy. Chemical Science, 2021, 12, 15273-15283.	7.4	10
5	Atomic-scale changes of silica-supported catalysts with nanocrystalline or amorphous gallia phases: implications of hydrogen pretreatment on their selectivity for propane dehydrogenation. Catalysis Science and Technology, 2022, 12, 3957-3968.	4.1	7