

Elena Willinger

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

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1040056

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times ranked

236
citing authors

#	ARTICLE	IF	CITATIONS
1	Bulk and surface transformations of Ga ₂ O ₃ nanoparticle catalysts for propane dehydrogenation induced by a H ₂ treatment. <i>Journal of Catalysis</i> , 2022, 408, 155-164.	6.2	18
2	Highly Selective Oxidative Dehydrogenation of Ethane to Ethylene via Chemical Looping with Oxygen Uncoupling through Structural Engineering of the Oxygen Carrier. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	18
3	Atomic-Scale Structure and Its Impact on Chemical Properties of Aluminum Oxide Layers Prepared by Atomic Layer Deposition on Silica. <i>Chemistry of Materials</i> , 2021, 33, 3335-3348.	6.7	23
4	In Situ Formed Sn ₁ X ₁ @In ₁ X ₁ Sn ₁ Y ₁ Core@Shell Nanoparticles as Electrocatalysts for CO ₂ Reduction to Formate. <i>Advanced Functional Materials</i> , 2021, 31, 2103601.	14.9	32
5	Photo-Switchable Nanoripples in Ti ₃ C ₂ T _x MXene. <i>ACS Nano</i> , 2021, 15, 14071-14079.	14.6	11
6	Engineering the Cu/Mo ₂ CT _x (MXene) interface to drive CO ₂ hydrogenation to methanol. <i>Nature Catalysis</i> , 2021, 4, 860-871.	34.4	138
7	Uncovering selective and active Ga surface sites in gallia alumina mixed-oxide propane dehydrogenation catalysts by dynamic nuclear polarization surface enhanced NMR spectroscopy. <i>Chemical Science</i> , 2021, 12, 15273-15283.	7.4	10
8	Operando X-ray Absorption Spectroscopy Identifies a Monoclinic ZrO ₂ :In Solid Solution as the Active Phase for the Hydrogenation of CO ₂ to Methanol. <i>ACS Catalysis</i> , 2020, 10, 10060-10067.	11.2	54
9	Atomic-Scale Insight into the Structure of Metastable ¹³ Ga ₂ O ₃ Nanocrystals and their Thermally-Driven Transformation to ¹² Ga ₂ O ₃ . <i>Journal of Physical Chemistry C</i> , 2020, 124, 20578-20588.	3.1	24