Marco Calizzi

List of Publications by Year
in descending order

15	517	759233 12	996975 15
papers	citations	h-index	g-index

15	15	15	930
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Unraveling and optimizing the metal-metal oxide synergistic effect in a highly active Co (CoO)1â€“ catalyst for CO2 hydrogenation. Journal of Energy Chemistry, 2021, 53, 241-250.	12.9	32
2	CO2 Hydrogenation over Unsupported Fe-Co Nanoalloy Catalysts. Nanomaterials, 2020, 10, 1360.	4.1	17
3	Synthesis of grid compliant substitute natural gas from a representative biogas mixture in a hybrid Ni/Ru catalysed reactor. Chemical Engineering Science: X, 2020, 8, 100078.	1.5	4
4	Identifying Reaction Species by Evolutionary Fitting and Kinetic Analysis: An Example of CO₂ Hydrogenation in DRIFTS. Journal of Physical Chemistry C, 2019, 123, 8785-8792.	3.1	23
5	Efficient Planar Perovskite Solar Cells Using Passivated Tin Oxide as an Electron Transport Layer. Advanced Science, 2018, 5, 1800130.	11.2	120
6	Interface Enthalpy-Entropy Competition in Nanoscale Metal Hydrides. Inorganics, 2018, 6, 13.	2.7	6
7	In Situ Control of the Adsorption Species in CO₂ Hydrogenation: Determination of Intermediates and Byproducts. Journal of Physical Chemistry C, 2018, 122, 20888-20893.	3.1	55
8	Dehydrogenation-hydrogenation characteristics of nanocrystalline Mg2Ni powders compacted by high-pressure torsion. Journal of Alloys and Compounds, 2017, 702, 84-91.	5.5	45
9	Hydrogen Desorption Below 150 Â°C in MgH₂â€“TiH₂ Composite Nanoparticles: Equilibrium and Kinetic Properties. Journal of Physical Chemistry C, 2017, 121, 11166-11177.	3.1	68
10	Element-specific channels for the photoexcitation of V-doped TiO2 nanoparticles. Physical Review B, 2017, 96, .	3.2	4
11	Mgâ€“Ti nanoparticles with superior kinetics for hydrogen storage. International Journal of Hydrogen Energy, 2016, 41, 14447-14454.	7.1	57
12	Characterization of a nanocrystalline Mgâ€“Ni alloy processed by high-pressure torsion during hydrogenation and dehydrogenation. International Journal of Hydrogen Energy, 2016, 41, 9803-9809.	7.1	19
13	Gas-phase synthesis of Mgâ€“Ti nanoparticles for solid-state hydrogen storage. Physical Chemistry Chemical Physics, 2016, 18, 141-148.	2.8	33
14	Local Structure of V Dopants in TiO₂ Nanoparticles: X-ray Absorption Spectroscopy, Including Ab-Initio and Full Potential Simulations. Journal of Physical Chemistry C, 2016, 120, 7457-7466.	3.1	22
15	Interface and strain effects on the H-sorption thermodynamics of size-selected Mg nanodots. International Journal of Hydrogen Energy, 2016, 41, 9841-9851.	7.1	12