Loris Lombardo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8602468/publications.pdf

Version: 2024-02-01

18	527	759233 12	839539 18
papers	citations	h-index	g-index

20	20	20	825
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Complex hydrides for energy storage. International Journal of Hydrogen Energy, 2019, 44, 7860-7874.	7.1	123
2	Single-step conversion of lignin monomers to phenol: Bridging the gap between lignin and high-value chemicals. Chinese Journal of Catalysis, 2018, 39, 1445-1452.	14.0	81
3	Hydrogen storage properties of various carbon supported NaBH4 prepared via metathesis. International Journal of Hydrogen Energy, 2018, 43, 7108-7116.	7.1	37
4	Study of borohydride ionic liquids as hydrogen storage materials. Journal of Energy Chemistry, 2019, 33, 17-21.	12.9	36
5	A Gibeon meteorite yields a high-performance water oxidation electrocatalyst. Energy and Environmental Science, 2016, 9, 3448-3455.	30.8	35
6	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
7	Solventâ€•and Catalystâ€Free Carbon Dioxide Capture and Reduction to Formate with Borohydride Ionic Liquid. ChemSusChem, 2020, 13, 2025-2031.	6.8	31
8	A polymeric ionic liquid catalyst for the N-formylation and N-methylation of amines using CO2/PhSiH3. Journal of CO2 Utilization, 2020, 41, 101240.	6.8	28
9	Direct CO₂ Capture and Reduction to Highâ€End Chemicals with Tetraalkylammonium Borohydrides. Angewandte Chemie - International Edition, 2021, 60, 9580-9589.	13.8	28
10	Crystal Structural Investigations for Understanding the Hydrogen Storage Properties of YMgNi₄-Based Alloys. ACS Omega, 2020, 5, 31192-31198.	3.5	22
11	Ironâ€Rich Natural Mineral Gibeon Meteorite Catalyzed Nâ€formylation of Amines using CO₂ as the C1 Source. ChemistrySelect, 2018, 3, 10271-10276.	1.5	17
12	Imaging Catalysis: Operando Investigation of the CO2 Hydrogenation Reaction Dynamics by Means of Infrared Thermography. ACS Catalysis, 2020, 10, 1721-1730.	11.2	14
13	Methanol production from CO₂via an integrated, formamide-assisted approach. Sustainable Energy and Fuels, 2020, 4, 1773-1779.	4.9	11
14	Destabilizing sodium borohydride with an ionic liquid. Materials Today Energy, 2018, 9, 391-396.	4.7	10
15	Selective Borohydride Oxidation Reaction on Nickel Catalyst with Anion and Cation Exchange Ionomer for Highâ€Performance Direct Borohydride Fuel Cells. Advanced Energy Materials, 2022, 12, .	19.5	8
16	Interfacial Effect between Aluminum-Based Complex Hydrides and Nickel-Containing Porous Carbon Sheets. ACS Applied Energy Materials, 2020, 3, 9685-9695.	5.1	6
17	Complex hydrides for CO2 reduction. MRS Bulletin, 2022, 47, 424-431.	3.5	6
18	Direct CO 2 Capture and Reduction to Highâ€End Chemicals with Tetraalkylammonium Borohydrides. Angewandte Chemie, 2021, 133, 9666-9675.	2.0	2