

Monica Ad Dan

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

488
citations

759190

12
h-index

752679

20
g-index

24
all docs

24
docs citations

24
times ranked

728
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen to Methane—An Important Step in the Power-to-Gas Concept. , 2022, , 553-565.		2
2	Biogas upgrading to syngas by combined reforming using Ni/CeO ₂ –Al ₂ O ₃ with bimodal pore structure. Microporous and Mesoporous Materials, 2022, 341, 112082.	4.4	6
3	Solid-state compatibility studies of Ketoconazole-Fumaric acid co-crystal with tablet excipients. Journal of Thermal Analysis and Calorimetry, 2021, 143, 3499-3506.	3.6	11
4	MIL-101-Al ₂ O ₃ as catalytic support in the methanation of CO ₂ — Comparative study between Ni/MIL-101 and Ni/MIL-101-Al ₂ O ₃ catalysts. Catalysis Today, 2021, 366, 114-122.	4.4	14
5	Combined steam and dry reforming of methane for syngas production from biogas using bimodal pore catalysts. Catalysis Today, 2021, 366, 87-96.	4.4	30
6	Reduced graphene oxide modified with noble metal nanoparticles for formic acid dehydrogenation. Catalysis Today, 2021, 366, 41-47.	4.4	26
7	CO ₂ Methanation Using Multimodal Ni/SiO ₂ Catalysts: Effect of Support Modification by MgO, CeO ₂ , and La ₂ O ₃ . Catalysis, 2021, 11, 443.	3.5	26
8	Eco-Friendly Nitrogen-Doped Graphene Preparation and Design for the Oxygen Reduction Reaction. Molecules, 2021, 26, 3858.	3.8	5
9	Platinum nanoparticles coated by graphene layers: A low-metal loading catalyst for methanol oxidation in alkaline media. Journal of Energy Chemistry, 2020, 40, 81-88.	12.9	38
10	Hydrogen and/or syngas production by combined steam and dry reforming of methane on nickel catalysts. International Journal of Hydrogen Energy, 2020, 45, 26254-26264.	7.1	32
11	Controllable H ₂ Generation by Formic Acid Decomposition on a Novel Pd/Templated Carbon Catalyst. Hydrogen, 2020, 1, 22-37.	3.4	12
12	Green synthesis, characterization and potential application of reduced graphene oxide. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 119, 113971.	2.7	47
13	Graphene/silver nanoparticles—based surface—enhanced Raman spectroscopy detection platforms: Application in the study of DNA molecules at low pH. Journal of Raman Spectroscopy, 2019, 50, 1849-1860.	2.5	10
14	Au/reduced graphene oxide composites: eco-friendly preparation method and catalytic applications for formic acid dehydrogenation. Journal of Materials Science, 2019, 54, 6991-7004.	3.7	20
15	Pt/Uio-66 Nanocomposites as Catalysts for CO ₂ Methanation Process. Journal of Nanoscience and Nanotechnology, 2019, 19, 3187-3196.	0.9	24
16	Crude Bioethanol Reforming Process. , 2019, , 257-288.		9
17	Clean production of new functional coatings of magnetic nanoparticles from sustainable resources. Journal of Cleaner Production, 2019, 210, 687-696.	9.3	12
18	Catalytic glycerol steam reforming for hydrogen production. AIP Conference Proceedings, 2015, , .	0.4	1

#	ARTICLE	IF	CITATIONS
19	Hydrogen production by ethanol steam reforming on nickel catalysts: Effect of support modification by CeO ₂ and La ₂ O ₃ . Fuel, 2015, 147, 260-268.	6.4	77
20	From wood wastes to hydrogen " Preparation and catalytic steam reforming of crude bio-ethanol obtained from fir wood. Renewable Energy, 2015, 74, 27-36.	8.9	26
21	Modified Ni-Cu catalysts for ethanol steam reforming. , 2013, , .		3
22	Hydrogen production by ethanol steam reforming on Ni/oxide catalysts. , 2012, , .		4
23	Supported nickel catalysts for low temperature methane steam reforming: comparison between metal additives and support modification. Reaction Kinetics, Mechanisms and Catalysis, 2012, 105, 173-193.	1.7	48
24	Preparation and characterization of nickel based multicomponent catalysts. Journal of Physics: Conference Series, 2009, 182, 012049.	0.4	5