

Marco Martino

List of Publications by Year in descending order

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citations

361045

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docs citations

66
times ranked

1200
citing authors

#	ARTICLE	IF	CITATIONS
1	A Short Review on Ni Based Catalysts and Related Engineering Issues for Methane Steam Reforming. Catalysts, 2020, 10, 352.	1.6	157
2	Microwaves and Heterogeneous Catalysis: A Review on Selected Catalytic Processes. Catalysts, 2020, 10, 246.	1.6	117
3	Main Hydrogen Production Processes: An Overview. Catalysts, 2021, 11, 547.	1.6	80
4	Absolute Configuration of 1,n-Diols by NMR: The Importance of the Combined Anisotropic Effects in Bis-Arylmethoxyacetates. Organic Letters, 2000, 2, 3261-3264.	2.4	55
5	Transglutaminase surface recognition by peptidocalix[4]arene diversomers. Tetrahedron Letters, 2005, 46, 1611-1615.	0.7	55
6	Ultracompact methane steam reforming reactor based on microwaves susceptible structured catalysts for distributed hydrogen production. International Journal of Hydrogen Energy, 2021, 46, 13729-13747.	3.8	55
7	A Review about the Recent Advances in Selected NonThermal Plasma Assisted Solid Gas Phase Chemical Processes. Nanomaterials, 2020, 10, 1596.	1.9	39
8	Bioalcohol Reforming: An Overview of the Recent Advances for the Enhancement of Catalyst Stability. Catalysts, 2020, 10, 665.	1.6	39
9	Innovative catalyst design for methane steam reforming intensification. Fuel, 2017, 198, 175-182.	3.4	38
10	Electrically driven SiC-based structured catalysts for intensified reforming processes. Catalysis Today, 2022, 383, 31-43.	2.2	37
11	Experimental and numerical investigations on structured catalysts for methane steam reforming intensification. Journal of Cleaner Production, 2016, 111, 217-230.	4.6	35
12	Platinum Based Catalysts in the Water Gas Shift Reaction: Recent Advances. Metals, 2020, 10, 866.	1.0	33
13	Innovative structured catalytic systems for methane steam reforming intensification. Chemical Engineering and Processing: Process Intensification, 2017, 120, 207-215.	1.8	32
14	Novel structured catalysts configuration for intensification of steam reforming of methane. International Journal of Hydrogen Energy, 2017, 42, 1629-1638.	3.8	30
15	Convenient regioselective functionalization at the upper-rim of p-tert-butylcalix[8]arene through a protection-deprotection procedure. Tetrahedron Letters, 2002, 43, 8875-8878.	0.7	28
16	Recent Advances in Structured Catalysts Preparation and Use in Water-Gas Shift Reaction. Catalysts, 2019, 9, 991.	1.6	24
17	Propylene Synthesis: Recent Advances in the Use of Pt-Based Catalysts for Propane Dehydrogenation Reaction. Catalysts, 2021, 11, 1070.	1.6	22
18	CFD modeling of the influence of carrier thermal conductivity for structured catalysts in the WGS reaction. Chemical Engineering Science, 2018, 178, 1-11.	1.9	21

#	ARTICLE	IF	CITATIONS
19	Intensification of TSA processes using a microwave-assisted regeneration step. <i>Chemical Engineering and Processing: Process Intensification</i> , 2021, 160, 108291.	1.8	21
20	Electrified Hydrogen Production from Methane for PEM Fuel Cells Feeding: A Review. <i>Energies</i> , 2022, 15, 3588.	1.6	21
21	Structured noble metal-based catalysts for the WGS process intensification. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 11745-11754.	3.8	20
22	Structured catalysts with high thermoconductive properties for the intensification of Water Gas Shift process. <i>Chemical Engineering Journal</i> , 2016, 304, 544-551.	6.6	19
23	Synthesis of Aplyolide A, Ichthyotoxic Macrolide Isolated from the Skin of the Marine Mollusk <i>Aplysia depilans</i> . <i>Synlett</i> , 2001, 2001, 1971-1973.	1.0	18
24	Synthesis of the first examples of p-bromodienone and transannular spirodienone calixarene derivatives. <i>Tetrahedron Letters</i> , 2003, 44, 9155-9159.	0.7	18
25	Regioselective intramolecular bridging of p-tert-butylcalix[7]arene. <i>Tetrahedron Letters</i> , 2002, 43, 9521-9525.	0.7	16
26	Thermal stability of ammonium salts as compatibilizers in polymer/layered silicate nanocomposites. <i>E-Polymers</i> , 2009, 9, .	1.3	16
27	The Route from Green H ₂ Production through Bioethanol Reforming to CO ₂ Catalytic Conversion: A Review. <i>Energies</i> , 2022, 15, 2383.	1.6	16
28	Regioselective double intramolecular bridging of p-tert-butylcalix[7]arene. <i>Tetrahedron Letters</i> , 2004, 45, 3387-3391.	0.7	14
29	Conformational Templation in a Singly Bridged Calix[7]arene Derivative Induced by Alkali Metal Cations. <i>Organic Letters</i> , 2006, 8, 4409-4412.	2.4	14
30	The influence of the textural properties of aluminum foams as catalyst carriers for water gas shift process. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 23517-23525.	3.8	14
31	State of the Art of Conventional Reactors for Methanol Production. , 2018, , 29-51.		14
32	Pt on SAS-CeO ₂ nanopowder as catalyst for the CO-WGS reaction. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 19965-19975.	3.8	14
33	Regioselective O-Substitution of p-tert-Butylcalix[7]arene. <i>Organic Letters</i> , 2002, 4, 1531-1534.	2.4	14
34	Chemistry of Calix[7]arenes. <i>Mini-Reviews in Organic Chemistry</i> , 2004, 1, 219-231.	0.6	14
35	Stability of bimetallic Ni/CeO ₂ @SiO ₂ catalysts during fuel grade bioethanol reforming in a fluidized bed reactor. <i>Renewable Energy</i> , 2022, 182, 913-922.	4.3	14
36	Comparative Study Between Aluminum Monolith and Foam as Carriers for The Intensification of The CO Water Gas Shift Process. <i>Catalysts</i> , 2018, 8, 489.	1.6	13

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37	Pt/Re/CeO ₂ Based Catalysts for CO-Water Gas Shift Reaction: from Powders to Structured Catalyst. Catalysts, 2020, 10, 564.	1.6	13
38	Ceria-coated replicated aluminium sponges as catalysts for the CO-water gas shift process. International Journal of Hydrogen Energy, 2021, 46, 12158-12168.	3.8	12
39	Oxygenation of Calixarene Phenol Rings. Organic Letters, 2004, 6, 3027-3030.	2.4	11
40	Catalysts for Methane Steam Reforming Reaction: Evaluation of CeO ₂ Addition to Alumina-Based Washcoat Slurry Formulation. Journal of Carbon Research, 2020, 6, 52.	1.4	9
41	Catalysts for conversion of synthesis gas. , 2017, , 217-277.		6
42	Membrane reactors for H ₂ and energy production. , 2020, , 33-56.		4
43	Fuel grade bioethanol reforming in a fluidized bed reactor over highly durable Pt-Ni/CeO ₂ -SiO ₂ catalysts. Chemical Engineering and Processing: Process Intensification, 2022, 174, 108888.	1.8	4
44	MW-Assisted Regeneration of 13X Zeolites after N ₂ O Adsorption from Concentrated Streams: A Process Intensification. Energies, 2022, 15, 4119.	1.6	4
45	Catalysts for Sustainable Hydrogen Production: Preparation, Applications and Process Integration. Catalysts, 2022, 12, 322.	1.6	3
46	General catalyst-related issues. , 2020, , 303-324.		2
47	Membrane reactor technology and catalysis for intensified hydrogen production. , 2020, , 121-140.		1
48	Noble Metals-Based Catalysts for Hydrogen Production via Bioethanol Reforming in a Fluidized Bed Reactor. , 0, , .		1
49	Structured Supports and Catalysts: Design, Preparation, and Applications. Compounds, 2022, 2, 191-192.	1.0	1
50	Chemistry of Calix[7]arenes. ChemInform, 2004, 35, no.	0.1	0
51	Bimetallic supported catalysts for hydrocarbons and alcohols reforming reactions. , 2017, , 39-70.		0
52	Structured catalyst for process intensification in hydrogen production by reforming processes. , 2017, , 1-37.		0