

Concetta Ruocco

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,123
citations

279487

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395343

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44
all docs

44
docs citations

44
times ranked

920
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study of the oxidative steam reforming of fuel grade bioethanol over Pt–Ni metallic foam structured catalysts. <i>International Journal of Hydrogen Energy</i> , 2023, 48, 11943-11955.	3.8	7
2	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
3	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
4	Catalysts for Sustainable Hydrogen Production: Preparation, Applications and Process Integration. <i>Catalysts</i> , 2022, 12, 322.	1.6	3
5	Fuel grade bioethanol reforming in a fluidized bed reactor over highly durable Pt-Ni/CeO ₂ -SiO ₂ catalysts. <i>Chemical Engineering and Processing: Process Intensification</i> , 2022, 174, 108888.	1.8	4
6	Electrified Hydrogen Production from Methane for PEM Fuel Cells Feeding: A Review. <i>Energies</i> , 2022, 15, 3588.	1.6	21
7	Ceria-coated replicated aluminium sponges as catalysts for the CO-water gas shift process. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 12158-12168.	3.8	12
8	On the Support Effect and the Cr Promotion of Co Based Catalysts for the Acetic Acid Steam Reforming. <i>Catalysts</i> , 2021, 11, 133.	1.6	4
9	Main Hydrogen Production Processes: An Overview. <i>Catalysts</i> , 2021, 11, 547.	1.6	80
10	Detailed kinetic mechanism for the hydrogen production via the oxidative reforming of ethanol. <i>Chemical Engineering Science</i> , 2021, 237, 116591.	1.9	8
11	Ultrapact biofuels catalytic reforming processes for distributed renewable hydrogen production. <i>Studies in Surface Science and Catalysis</i> , 2020, 179, 317-333.	1.5	3
12	Catalytic Behavior of Co-Based Catalysts in the Kinetic Study of Acetic Acid Steam Reforming. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 19531-19538.	1.8	11
13	General catalyst-related issues. , 2020, , 303-324.		2
14	A Review about the Recent Advances in Selected NonThermal Plasma Assisted Solid–Gas Phase Chemical Processes. <i>Nanomaterials</i> , 2020, 10, 1596.	1.9	39
15	Bioalcohol Reforming: An Overview of the Recent Advances for the Enhancement of Catalyst Stability. <i>Catalysts</i> , 2020, 10, 665.	1.6	39
16	Pt/Re/CeO ₂ Based Catalysts for CO-Water–Gas Shift Reaction: from Powders to Structured Catalyst. <i>Catalysts</i> , 2020, 10, 564.	1.6	13
17	Platinum Based Catalysts in the Water Gas Shift Reaction: Recent Advances. <i>Metals</i> , 2020, 10, 866.	1.0	33
18	Membrane reactors for H ₂ and energy production. , 2020, , 33-56.		4

#	ARTICLE	IF	CITATIONS
19	Kinetics of Oxidative Steam Reforming of Ethanol Over Bimetallic Catalysts Supported on CeO ₂ -SiO ₂ : A Comparative Study. Topics in Catalysis, 2019, 62, 467-478.	1.3	15
20	Methane dry reforming on Ru perovskites, AZrRuO ₃ : Influence of preparation method and substitution of A cation with alkaline earth metals. Journal of CO ₂ Utilization, 2019, 30, 222-231.	3.3	28
21	Hydrogen production by oxidative reforming of ethanol in a fluidized bed reactor using a Pt Ni/CeO ₂ SiO ₂ catalyst. International Journal of Hydrogen Energy, 2019, 44, 12661-12670.	3.8	18
22	Recent Advances in Structured Catalysts Preparation and Use in Water-Gas Shift Reaction. Catalysts, 2019, 9, 991.	1.6	24
23	Experimental and kinetic study of oxidative steam reforming of ethanol over fresh and spent bimetallic catalysts. Chemical Engineering Journal, 2019, 377, 119778.	6.6	27
24	Oxidative steam reforming of ethanol in a fluidized bed over CeO ₂ -SiO ₂ supported catalysts: effect of catalytic formulation. Renewable Energy, 2018, 125, 356-364.	4.3	20
25	State of the Art of Conventional Reactors for Methanol Production. , 2018, , 29-51.		14
26	Enhancing Pt-Ni/CeO ₂ performances for ethanol reforming by catalyst supporting on high surface silica. Catalysis Today, 2018, 307, 175-188.	2.2	48
27	From bioethanol exploitation to high grade hydrogen generation: Steam reforming promoted by a Co-Pt catalyst in a Pd-based membrane reactor. Renewable Energy, 2018, 119, 834-843.	4.3	55
28	Oxidative reforming of ethanol over CeO ₂ -SiO ₂ based catalysts in a fluidized bed reactor. Chemical Engineering and Processing: Process Intensification, 2018, 124, 319-327.	1.8	23
29	Direct route from ethanol to pure hydrogen through autothermal reforming in a membrane reactor: Experimental demonstration, reactor modelling and design. Energy, 2018, 143, 666-681.	4.5	51
30	Oxidative steam reforming of ethanol on mesoporous silica supported PtNi/CeO ₂ catalysts. International Journal of Hydrogen Energy, 2017, 42, 1598-1608.	3.8	49
31	Advanced m-CHP fuel cell system based on a novel bio-ethanol fluidized bed membrane reformer. International Journal of Hydrogen Energy, 2017, 42, 13970-13987.	3.8	24
32	Highly active and stable Pt-Ni/CeO ₂ -SiO ₂ catalysts for ethanol reforming. Journal of Cleaner Production, 2017, 166, 263-272.	4.6	26
33	Renewable Hydrogen from Ethanol Reforming over CeO ₂ -SiO ₂ Based Catalysts. Catalysts, 2017, 7, 226.	1.6	32
34	Influence of Catalytic Formulation and Operative Conditions on Coke Deposition over CeO ₂ -SiO ₂ Based Catalysts for Ethanol Reforming. Energies, 2017, 10, 1030.	1.6	29
35	Rh, Ru and Pt ternary perovskites type oxides BaZr(1-x)MexO ₃ for methane dry reforming. Applied Catalysis A: General, 2016, 517, 47-55.	2.2	58
36	Kinetic assessment of Ni-based catalysts in low-temperature methane/biogas steam reforming. International Journal of Hydrogen Energy, 2016, 41, 16865-16877.	3.8	28

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37	Pt-Ni based catalyst for ethanol reforming in a fluidized bed membrane reactor. International Journal of Hydrogen Energy, 2016, 41, 20122-20136.	3.8	36
38	Ceramic foams coated with Pt Ni/CeO ₂ ZrO ₂ for bioethanol steam reforming. International Journal of Hydrogen Energy, 2016, 41, 11526-11536.	3.8	47
39	Catalytic reforming of olive mill wastewater and methane in a Pd-membrane reactor. International Journal of Hydrogen Energy, 2016, 41, 5465-5474.	3.8	20
40	Directing selectivity of ethanol steam reforming in membrane reactors. International Journal of Hydrogen Energy, 2015, 40, 5837-5848.	3.8	49
41	Production of hydrogen in a Pd-membrane reactor via catalytic reforming of olive mill wastewater. Chemical Engineering Journal, 2015, 275, 366-373.	6.6	28
42	Ethanol steam reforming over bimetallic coated ceramic foams: Effect of reactor configuration and catalytic support. International Journal of Hydrogen Energy, 2015, 40, 12650-12662.	3.8	60
43	Noble Metals-Based Catalysts for Hydrogen Production via Bioethanol Reforming in a Fluidized Bed Reactor. , 0, , .		1