

Rufino M Navarro

List of Publications by Year in descending order

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121
papers

9,056
citations

50170

46
h-index

40881

93
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all docs

126
docs citations

126
times ranked

9456
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen Production Reactions from Carbon Feedstocks: Fossil Fuels and Biomass. <i>Chemical Reviews</i> , 2007, 107, 3952-3991.	23.0	1,108
2	Water Splitting on Semiconductor Catalysts under Visible-Light Irradiation. <i>ChemSusChem</i> , 2009, 2, 471-485.	3.6	504
3	Ethanol steam reforming over Ni/MxOyNi/MxOy-Al ₂ O ₃ (M=Ce, La, Zr and Mg) catalysts: Influence of support on the hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2007, 32, 1462-1471.	3.8	390
4	Hydrogen production from renewable sources: biomass and photocatalytic opportunities. <i>Energy and Environmental Science</i> , 2009, 2, 35-54.	15.6	378
5	Production of hydrogen from methanol over Cu/ZnO catalysts promoted by ZrO ₂ and Al ₂ O ₃ . <i>Journal of Catalysis</i> , 2003, 219, 389-403.	3.1	364
6	Direct methane conversion routes to chemicals and fuels. <i>Catalysis Today</i> , 2011, 171, 15-23.	2.2	275
7	Hydrogen Production from Glycerol Over Nickel Catalysts Supported on Al ₂ O ₃ Modified by Mg, Zr, Ce or La. <i>Topics in Catalysis</i> , 2008, 49, 46-58.	1.3	224
8	Hydrogenation of Aromatics on Sulfur-Resistant PtPd Bimetallic Catalysts. <i>Journal of Catalysis</i> , 2000, 189, 184-194.	3.1	219
9	Glycerol steam reforming over Ni catalysts supported on ceria and ceria-promoted alumina. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 11622-11633.	3.8	184
10	A framework for visible-light water splitting. <i>Energy and Environmental Science</i> , 2010, 3, 1865.	15.6	181
11	Ethanol steam reforming over Ni/La-Al ₂ O ₃ catalysts: Influence of lanthanum loading. <i>Catalysis Today</i> , 2007, 129, 336-345.	2.2	174
12	Oxidative Methanol Reforming Reactions on CuZnAl Catalysts Derived from Hydrotalcite-like Precursors. <i>Journal of Catalysis</i> , 2001, 198, 338-347.	3.1	167
13	Methanol Synthesis from CO ₂ : A Review of the Latest Developments in Heterogeneous Catalysis. <i>Materials</i> , 2019, 12, 3902.	1.3	160
14	Production of hydrogen by oxidative reforming of ethanol over Pt catalysts supported on Al ₂ O ₃ modified with Ce and La. <i>Applied Catalysis B: Environmental</i> , 2005, 55, 229-241.	10.8	156
15	Hydrogenation of aromatics over supported Pt-Pd catalysts. <i>Applied Catalysis A: General</i> , 2002, 225, 223-237.	2.2	148
16	Influence of the solvent on the structure, morphology and performance for H ₂ evolution of CdS photocatalysts prepared by solvothermal method. <i>Applied Catalysis B: Environmental</i> , 2017, 203, 753-767.	10.8	146
17	Photocatalytic hydrogen evolution from CdS-ZnO-CdO systems under visible light irradiation: Effect of thermal treatment and presence of Pt and Ru cocatalysts. <i>International Journal of Hydrogen Energy</i> , 2008, 33, 4265-4273.	3.8	142
18	Comparative study of hydrotalcite-derived supported Pd ₂ Ga and PdZn intermetallic nanoparticles as methanol synthesis and methanol steam reforming catalysts. <i>Journal of Catalysis</i> , 2012, 293, 27-38.	3.1	135

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19	A comparative study of the water gas shift reaction over platinum catalysts supported on CeO ₂ , TiO ₂ and Ce-modified TiO ₂ . <i>Catalysis Today</i> , 2010, 149, 372-379.	2.2	128
20	Influence of La ₂ O ₃ modified support and Ni and Pt active phases on glycerol steam reforming to produce hydrogen. <i>Catalysis Communications</i> , 2009, 10, 1275-1278.	1.6	125
21	Improved stability of Ni/Al ₂ O ₃ catalysts by effect of promoters (La ₂ O ₃ , CeO ₂) for ethanol steam-reforming reaction. <i>Catalysis Today</i> , 2016, 259, 27-38.	2.2	115
22	Hydrogen production by oxidative reforming of hexadecane over Ni and Pt catalysts supported on Ce/La-doped Al ₂ O ₃ . <i>Applied Catalysis A: General</i> , 2006, 297, 60-72.	2.2	110
23	Influence of Zn concentration in the activity of Cd ^{1-x} Zn ^x S solid solutions for water splitting under visible light. <i>Catalysis Today</i> , 2009, 143, 51-56.	2.2	107
24	Mechanistic Aspects of the Ethanol Steam Reforming Reaction for Hydrogen Production on Pt, Ni, and PtNi Catalysts Supported on γ-Al ₂ O ₃ . <i>Journal of Physical Chemistry A</i> , 2010, 114, 3873-3882.	1.1	103
25	Performance of La,Ce-modified alumina-supported Pt and Ni catalysts for the oxidative reforming of diesel hydrocarbons. <i>International Journal of Hydrogen Energy</i> , 2008, 33, 652-663.	3.8	93
26	Oxidative reforming of diesel fuel over LaCoO ₃ perovskite derived catalysts: Influence of perovskite synthesis method on catalyst properties and performance. <i>Applied Catalysis B: Environmental</i> , 2011, 105, 276-288.	10.8	93
27	On the origin of the high performance of MWNT-supported PtPd catalysts for the hydrogenation of aromatics. <i>Carbon</i> , 2006, 44, 84-98.	5.4	90
28	Effects of Reaction Temperature and Support Composition on the Mechanism of Water-Gas Shift Reaction over Supported-Pt Catalysts. <i>Journal of Physical Chemistry C</i> , 2011, 115, 11595-11610.	1.5	90
29	Hydrogen production by oxidative ethanol reforming on Co, Ni and Cu ex-hydrotalcite catalysts. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 1512-1523.	3.8	87
30	Effect of Ru on LaCoO ₃ perovskite-derived catalyst properties tested in oxidative reforming of diesel. <i>Applied Catalysis B: Environmental</i> , 2007, 73, 247-258.	10.8	80
31	Photocatalytic Water Splitting Under Visible Light. <i>Advances in Chemical Engineering</i> , 2009, 36, 111-143.	0.5	77
32	Nature of the Mixed-Oxide Interface in Ceria-Titania Catalysts: Clusters, Chains, and Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2013, 117, 14463-14471.	1.5	73
33	Steam reforming of tar model compounds over Ni/Mayenite catalysts: effect of Ce addition. <i>Fuel</i> , 2018, 224, 676-686.	3.4	72
34	Exploring the Structural and Electronic Properties of Pt/Ceria-Modified TiO ₂ and Its Photocatalytic Activity for Water Splitting under Visible Light. <i>Journal of Physical Chemistry C</i> , 2012, 116, 14062-14070.	1.5	69
35	Effect of ZrO ₂ addition on Ni/Al ₂ O ₃ catalyst to produce H ₂ from glycerol. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 7084-7093.	3.8	64
36	Partial Oxidation of Methane to Syngas Over Nickel-Based Catalysts: Influence of Support Type, Addition of Rhodium, and Preparation Method. <i>Frontiers in Chemistry</i> , 2019, 7, 104.	1.8	59

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37	Catalysts for Hydrogen Production from Heavy Hydrocarbons. ChemCatChem, 2011, 3, 440-457.	1.8	58
38	Competitive effects of nitrogen and sulfur content on activity of hydrotreating CoMo/Al ₂ O ₃ catalysts: a batch reactor study. Catalysis Today, 2004, 98, 67-74.	2.2	54
39	Simultaneous 1-pentene hydroisomerisation and thiophene hydrodesulphurisation over sulphided Ni/FAU and Ni/ZSM-5 catalysts. Applied Catalysis A: General, 2004, 262, 155-166.	2.2	54
40	A simple approach to synthesize g-C ₃ N ₄ with high visible light photoactivity for hydrogen production. International Journal of Hydrogen Energy, 2015, 40, 7273-7281.	3.8	53
41	Deep hydrodesulfurization of DBT and diesel fuel on supported Pt and Ir catalysts. Applied Catalysis A: General, 1996, 137, 269-286.	2.2	50
42	Ni- and PtNi-catalysts supported on Al ₂ O ₃ for acetone steam reforming: Effect of the modification of support with Ce, La and Mg. Catalysis Today, 2015, 242, 60-70.	2.2	50
43	Dibenzothiophene hydrodesulfurization on silica-alumina-supported transition metal sulfide catalysts. Applied Catalysis A: General, 1996, 148, 23-40.	2.2	49
44	Improved ethanol steam reforming on Rh/Al ₂ O ₃ catalysts doped with CeO ₂ or/and La ₂ O ₃ : Influence in reaction pathways including coke formation. Applied Catalysis A: General, 2015, 505, 159-172.	2.2	49
45	Hydrogen production for fuel cell by oxidative reforming of diesel surrogate: Influence of ceria and/or lanthana over the activity of Pt/Al ₂ O ₃ catalysts. Fuel, 2008, 87, 2502-2511.	3.4	47
46	Photocatalytic activity of mont-La (6%)-Cu _{0.6} Cd _{0.4} S catalyst for phenol degradation under near UV visible light irradiation. Applied Catalysis B: Environmental, 2017, 211, 114-125.	10.8	47
47	Highly active Cu/ZnO-Al catalyst for methanol synthesis: effect of aging on its structure and activity. RSC Advances, 2018, 8, 20619-20629.	1.7	46
48	Production of Hydrogen by Partial Oxidation of Methanol over a Cu/ZnO/Al ₂ O ₃ Catalyst: Influence of the Initial State of the Catalyst on the Start-Up Behaviour of the Reformer. Journal of Catalysis, 2002, 212, 112-118.	3.1	45
49	Photocatalytic Hydrogen Production on Cd _{1-x} Zn _x S Solid Solutions under Visible Light: Influence of Thermal Treatment. Industrial & Engineering Chemistry Research, 2010, 49, 6854-6861.	1.8	45
50	Rh/Al ₂ O ₃ -La ₂ O ₃ catalysts promoted with CeO ₂ for ethanol steam reforming reaction. Journal of Molecular Catalysis A, 2015, 407, 169-181.	4.8	45
51	Direct Synthesis of Dimethyl Ether from CO ₂ : Recent Advances in Bifunctional/Hybrid Catalytic Systems. Catalysts, 2021, 11, 411.	1.6	45
52	Deep aromatics hydrogenation in the presence of DBT over Au-Pd/alumina catalysts. Applied Catalysis A: General, 2004, 275, 127-139.	2.2	44
53	Performance enhancement in the water-gas shift reaction of platinum deposited over a cerium-modified TiO ₂ support. Catalysis Communications, 2008, 9, 1759-1765.	1.6	44
54	Hydrogen production by autothermal reforming of methane over NiPd catalysts: Effect of support composition and preparation mode. International Journal of Hydrogen Energy, 2014, 39, 20992-21006.	3.8	43

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55	Hydrogen production by autothermal reforming of methane: Effect of promoters (Pt, Pd, Re, Mo, Sn) on the performance of Ni/La ₂ O ₃ catalysts. <i>Applied Catalysis A: General</i> , 2014, 481, 104-115.	2.2	42
56	Dibenzothiophene hydrodesulfurization on HY-zeolite-supported transition metal sulfide catalysts. <i>Fuel Processing Technology</i> , 1999, 61, 73-88.	3.7	39
57	Catalytic fast pyrolysis of biomass over Mg-Al mixed oxides derived from hydrotalcite-like precursors: Influence of Mg/Al ratio. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 134, 362-370.	2.6	39
58	Silica-alumina-supported transition metal sulphide catalysts for deep hydrodesulphurization. <i>Catalysis Today</i> , 2003, 86, 73-85.	2.2	37
59	Evolution of the nanostructure of CdS using solvothermal synthesis at different temperature and its influence on the photoactivity for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 11558-11567.	3.8	36
60	Diesel fuel processor for hydrogen production for 5kW fuel cell application. <i>International Journal of Hydrogen Energy</i> , 2007, 32, 1429-1436.	3.8	35
61	Hydrogen production by methane decomposition: A comparative study of supported and bulk ex-hydrotalcite mixed oxide catalysts with Ni, Mg and Al. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 9607-9621.	3.8	35
62	In situ characterization of Pt catalysts supported on ceria modified TiO ₂ for the WGS reaction: influence of ceria loading. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 2192-2202.	1.3	34
63	Cd _{1-x} Zn _x S solid solutions supported on ordered mesoporous silica (SBA-15): Structural features and photocatalytic activity under visible light. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 9948-9958.	3.8	34
64	Nanoscale control during synthesis of Me/La ₂ O ₃ , Me/Ce _x Gd _{1-x} O _y and Me/Ce _x Zr _{1-x} O _y (Me=Ni, Pt, Pd, Tj ETQq0 0 0 rgBT/Overlock	2.2	34
65	Optimization of nickel loading of mixed oxide catalyst ex-hydrotalcite for H ₂ production by methane decomposition. <i>Applied Catalysis A: General</i> , 2017, 548, 71-82.	2.2	34
66	Biohydrogen production by gas phase reforming of glycerine and ethanol mixtures. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 2028-2036.	3.8	33
67	Biogas as a source of renewable syngas production: advances and challenges. <i>Biofuels</i> , 2011, 2, 325-343.	1.4	32
68	Insights on the role of Ru substitution in the properties of LaCoO ₃ -based oxides as catalysts precursors for the oxidative reforming of diesel fuel. <i>Applied Catalysis B: Environmental</i> , 2012, 113-114, 271-280.	10.8	32
69	Hydrodesulfurization of dibenzothiophene and a SRGO on sulfide Ni(Co)Mo/Al ₂ O ₃ catalysts. Effect of Ru and Pd promotion. <i>Catalysis Today</i> , 2009, 143, 108-114.	2.2	29
70	Bimetallic MNi/Al ₂ O ₃ -La catalysts (M=Pt, Cu) for acetone steam reforming: Role of M on catalyst structure and activity. <i>Applied Catalysis A: General</i> , 2014, 474, 168-177.	2.2	29
71	Influence of Ni environment on the reactivity of Ni-Mg-Al catalysts for the acetone steam reforming reaction. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 5289-5296.	3.8	29
72	Surface reactivity of LaCoO ₃ and Ru/LaCoO ₃ towards CO, CO ₂ and C ₃ H ₈ : Effect of H ₂ and O ₂ pretreatments. <i>Applied Catalysis B: Environmental</i> , 2011, 102, 291-301.	10.8	28

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73	Factors affecting Ni-sulfide formation in Y-type zeolites: a combined Fourier transform infrared and X-ray photoelectron spectroscopy study. <i>Microporous and Mesoporous Materials</i> , 2000, 34, 181-194.	2.2	27
74	Glycerol liquid phase conversion over monometallic and bimetallic catalysts: Effect of metal, support type and reaction temperatures. <i>Applied Catalysis B: Environmental</i> , 2011, 106, 83-83.	10.8	27
75	The effect of Pt characteristics on the photoactivity of Pt/TiO ₂ for hydrogen production from ethanol. <i>Catalysis Today</i> , 2013, 210, 33-38.	2.2	27
76	Removal of PAH Compounds from Liquid Fuels by Pd Catalysts. <i>Environmental Science & Technology</i> , 2005, 39, 3374-3381.	4.6	26
77	Methane partial oxidation over a LaCr _{0.85} Ru _{0.15} O ₃ catalyst: Characterization, activity tests and kinetic modeling. <i>Applied Catalysis A: General</i> , 2014, 486, 239-249.	2.2	26
78	Effect of Re addition on the WGS activity and stability of Pt/CeO ₂ -TiO ₂ catalyst for membrane reactor applications. <i>Catalysis Today</i> , 2016, 268, 95-102.	2.2	25
79	Hydrogen production by autothermal reforming of methane over lanthanum chromites modified with Ru and Sr. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 19373-19381.	3.8	25
80	Influence of the reduction of graphene oxide (rGO) on the structure and photoactivity of CdS-rGO hybrid systems. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 13691-13703.	3.8	24
81	Hydrogen production by reforming of diesel fuel over catalysts derived from LaCo _{1-x} Ru _x O ₃ perovskites: Effect of the partial substitution of Co by Ru (x=0.01-0.1). <i>Journal of Power Sources</i> , 2011, 196, 9087-9095.	4.0	22
82	Diesel fuel reforming over catalysts derived from LaCo _{1-x} Ru _x O ₃ perovskites with high Ru loading. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 7056-7066.	3.8	22
83	Zirconia-supported LaCoO ₃ catalysts for hydrogen production by oxidative reforming of diesel: Optimization of preparation conditions. <i>Catalysis Today</i> , 2008, 138, 135-140.	2.2	21
84	Cd _{1-x} Zn _x S supported on SBA-16 as photocatalysts for water splitting under visible light: Influence of Zn concentration. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 11799-11810.	3.8	21
85	Design of a diesel reformer coupled to a PEMFC. <i>Catalysis Today</i> , 2006, 116, 324-333.	2.2	20
86	Reforming of Diesel Fuel for Hydrogen Production over Catalysts Derived from LaCo _{1-x} M _x O ₃ (M= Ru, Fe). <i>Topics in Catalysis</i> , 2009, 52, 1995-2000.	1.3	19
87	From Nanorods to Nanowires of CdS Synthesized by a Solvothermal Method: Influence of the Morphology on the Photoactivity for Hydrogen Evolution from Water. <i>Molecules</i> , 2016, 21, 401.	1.7	19
88	Visible light production of hydrogen from glycerol over Cu ₂ O-gC ₃ N ₄ nanocomposites with enhanced photocatalytic efficiency. <i>Journal of Materials Research and Technology</i> , 2020, 9, 15335-15345.	2.6	19
89	Structure and activity of Cu/ZnO catalysts co-modified with aluminium and gallium for methanol synthesis. <i>Catalysis Today</i> , 2020, 355, 870-881.	2.2	17
90	Role of the Ru and Support in Sulfided RuNiMo Catalysts in Simultaneous Hydrodearomatization (HDA), Hydrodesulfurization (HDS), and Hydrodenitrogenation (HDN) Reactions. <i>Energy & Fuels</i> , 2009, 23, 1364-1372.	2.5	16

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91	Effect of photodeposition conditions on Ni ²⁺ /CdS photocatalysts and its role in the photoactivity for H ₂ production from ethanolic solutions. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 20536-20548.	3.8	15
92	Straightforward High-Pressure Synthesis and Characterization of Indium-Based Thiospinels: Photocatalytic Potential for Hydrogen Production. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1558-1565.	1.0	14
93	Perovskites as Catalysts in the Reforming of Hydrocarbons: A Review. <i>Micro and Nanosystems</i> , 2012, 4, 231-252.	0.3	14
94	Hydrogen Production from Water Splitting Using Photo-Semiconductor Catalysts. , 2013, , 43-61.		12
95	Direct Synthesis of Dimethyl Ether from Syngas on Bifunctional Hybrid Catalysts Based on Supported H ₃ PW ₁₂ O ₄₀ and Cu-ZnO(Al): Effect of Heteropolyacid Loading on Hybrid Structure and Catalytic Activity. <i>Catalysts</i> , 2020, 10, 1071.	1.6	12
96	Production of Hydrogen by Partial Oxidation of Methanol over Carbon-Supported Copper Catalysts. <i>Topics in Catalysis</i> , 2004, 30/31, 481-486.	1.3	11
97	Role of Pt in the Activity and Stability of PtNi/CeO ₂ -Al ₂ O ₃ Catalysts in Ethanol Steam Reforming for H ₂ Production. <i>Topics in Catalysis</i> , 2013, 56, 1672-1685.	1.3	11
98	Structure and photoactivity for hydrogen production of CdS nanorods modified with In, Ga, Ag-In and Ag-Ga and prepared by solvothermal method. <i>Materials Today Energy</i> , 2018, 9, 345-358.	2.5	11
99	Influence of the Reduction of Graphene Oxide with Hydroiodic Acid on the Structure and Photoactivity of CdS/rGO Hybrids. <i>Topics in Catalysis</i> , 2017, 60, 1183-1195.	1.3	10
100	Nickel ferrite supported on calcium-stabilized zirconia for solar hydrogen production by two-step thermochemical water splitting. <i>Materials Today Energy</i> , 2017, 6, 248-254.	2.5	10
101	Catalysts for Production and Conversion of Syngas. <i>Catalysts</i> , 2021, 11, 752.	1.6	10
102	Methyl-naphthalene hydrogenation on Pt/HY-Al ₂ O ₃ catalysts. An approach to hydrogenation of polyaromatic hydrocarbon mixtures. <i>Fuel Processing Technology</i> , 2000, 64, 117-133.	3.7	9
103	Glycerol conversion into H ₂ by steam reforming over Ni and PtNi catalysts supported on MgO modified γ-Al ₂ O ₃ . <i>Studies in Surface Science and Catalysis</i> , 2010, 175, 449-452.	1.5	9
104	Introduction to hydrogen production. , 2015, , 21-61.		9
105	Direct Synthesis of Dimethyl Ether on Bifunctional Catalysts Based on Cu-ZnO(Al) and Supported H ₃ PW ₁₂ O ₄₀ : Effect of Physical Mixing on Bifunctional Interactions and Activity. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 18853-18869.	1.8	9
106	Effect of the Partial Substitution of Fe by Ni on the Structure and Activity of Nanocrystalline Ni _{1-x} Fe _{3x} O ₄ Ferrites for Hydrogen Production by Two-Step Water-Splitting. <i>Nanoscience and Nanotechnology Letters</i> , 2011, 3, 705-716.	0.4	8
107	Controlling the impregnation of nickel on nanoporous aluminum oxide nanoliths as catalysts for partial oxidation of methane. <i>Chemical Engineering Journal</i> , 2014, 256, 458-467.	6.6	8
108	CO Oxidation at 20 °C on Au Catalysts Supported on Mesoporous Silica: Effects of Support Structural Properties and Modifiers. <i>Materials</i> , 2018, 11, 948.	1.3	8

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109	Pt@BiVO ₄ /TiO ₂ composites as Z-scheme photocatalysts for hydrogen production from ethanol: the effect of BiVO ₄ and Pt on the photocatalytic efficiency. <i>New Journal of Chemistry</i> , 2021, 45, 4481-4495.	1.4	8
110	Ruthenium Effect on Formation Mechanism and Structural Characteristics of LaCo _{1-x} Ru _x O ₃ Perovskites and Its Influence on Catalytic Performance for Hydrocarbon Oxidative Reforming. <i>Journal of Physical Chemistry C</i> , 2015, 119, 16708-16723.	1.5	6
111	Role of the Sulphur Source in the Solvothermal Synthesis of Ag-CdS Photocatalysts: Effects on the Structure and Photoactivity for Hydrogen Production. <i>Hydrogen</i> , 2020, 1, 64-89.	1.7	6
112	Design of Highly Efficient Catalyst for Rational Way of Direct Conversion of Methane. <i>Eurasian Chemico-Technological Journal</i> , 2015, 17, 105.	0.3	6
113	Structure and Activity of Pt@Ni Catalysts Supported on Modified Al ₂ O ₃ for Ethanol Steam Reforming. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 6592-6603.	0.9	5
114	Data on TGA of precursors and SEM of reduced Cu/ZnO catalysts co-modified with aluminium and gallium for methanol synthesis. <i>Data in Brief</i> , 2019, 24, 104010.	0.5	5
115	Factors influencing selectivity in the liquid-phase phenol hydrodeoxygenation over ZSM-5 supported Pt/Ir and Pt+Ir catalysts. <i>Molecular Catalysis</i> , 2020, 482, 110669.	1.0	5
116	Synergistic Effect in Vapor Phase Hydrodeoxygenation on USY Zeolite Supported Ir@Pt Catalyst: Role of Pentacoordinated Al ³⁺ Ions. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 18707-18721.	1.8	5
117	Renewable Syngas Production via Dry Reforming of Methane. <i>Green Energy and Technology</i> , 2013, , 45-66.	0.4	4
118	Unravelling the Structural Modification (Meso-Nano-) of Cu/ZnO-Al ₂ O ₃ Catalysts for Methanol Synthesis by the Residual NaNO ₃ in Hydroxycarbonate Precursors. <i>Catalysts</i> , 2020, 10, 1346.	1.6	3
119	Structural, Optical and Photocatalytic Characterization of Zn _x Cd _{1-x} S Solid Solutions Synthesized Using a Simple Ultrasonic Radiation Method. <i>Energies</i> , 2020, 13, 5603.	1.6	3
120	Lower methane combustion temperature on palladium nanoparticles anchored on TiO _x subnano-islets in stellate mesoporous silica nanospheres. <i>New Journal of Chemistry</i> , 2020, 44, 906-919.	1.4	1
121	Catalytic Upgrading of Bio-oils. <i>RSC Green Chemistry</i> , 2018, , 181-205.	0.0	0