

# Rufino M Navarro

## List of Publications by Year in descending order

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122  
papers

9,056  
citations

50276

46  
h-index

40979

93  
g-index

126  
all docs

126  
docs citations

126  
times ranked

9456  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pt@BiVO <sub>4</sub> /TiO <sub>2</sub> composites as Z-scheme photocatalysts for hydrogen production from ethanol: the effect of BiVO <sub>4</sub> and Pt on the photocatalytic efficiency. <i>New Journal of Chemistry</i> , 2021, 45, 4481-4495.	2.8	8
2	Direct Synthesis of Dimethyl Ether from CO <sub>2</sub> : Recent Advances in Bifunctional/Hybrid Catalytic Systems. <i>Catalysts</i> , 2021, 11, 411.	3.5	45
3	Catalysts for Production and Conversion of Syngas. <i>Catalysts</i> , 2021, 11, 752.	3.5	10
4	Synergistic Effect in Vapor Phase Hydrodeoxygenation on USY Zeolite Supported Ir@Pt Catalyst: Role of Pentacoordinated Al <sup>3+</sup> Ions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 18707-18721.	3.7	5
5	Direct Synthesis of Dimethyl Ether on Bifunctional Catalysts Based on Cu@ZnO(Al) and Supported H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> : Effect of Physical Mixing on Bifunctional Interactions and Activity. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 18853-18869.	3.7	9
6	Structure and activity of Cu/ZnO catalysts co-modified with aluminium and gallium for methanol synthesis. <i>Catalysis Today</i> , 2020, 355, 870-881.	4.4	17
7	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.	2.0	5
8	Lower methane combustion temperature on palladium nanoparticles anchored on TiO <sub>x</sub> subnano-islets in stellate mesoporous silica nanospheres. <i>New Journal of Chemistry</i> , 2020, 44, 906-919.	2.8	1
9	Direct Synthesis of Dimethyl Ether from Syngas on Bifunctional Hybrid Catalysts Based on Supported H <sub>3</sub> PW <sub>12</sub> O <sub>40</sub> and Cu-ZnO(Al): Effect of Heteropolyacid Loading on Hybrid Structure and Catalytic Activity. <i>Catalysts</i> , 2020, 10, 1071.	3.5	12
10	Unravelling the Structural Modification (Meso-Nano-) of Cu/ZnO-Al <sub>2</sub> O <sub>3</sub> Catalysts for Methanol Synthesis by the Residual NaNO <sub>3</sub> in Hydroxycarbonate Precursors. <i>Catalysts</i> , 2020, 10, 1346.	3.5	3
11	Visible light production of hydrogen from glycerol over Cu <sub>2</sub> O-gC <sub>3</sub> N <sub>4</sub> nanocomposites with enhanced photocatalytic efficiency. <i>Journal of Materials Research and Technology</i> , 2020, 9, 15335-15345.	5.8	19
12	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.	3.4	6
13	Structural, Optical and Photocatalytic Characterization of Zn <sub>x</sub> Cd <sub>1-x</sub> S Solid Solutions Synthesized Using a Simple Ultrasonic Radiation Method. <i>Energies</i> , 2020, 13, 5603.	3.1	3
14	Effect of photodeposition conditions on Ni@CdS photocatalysts and its role in the photoactivity for H <sub>2</sub> production from ethanolic solutions. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 20536-20548.	7.1	15
15	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.	1.0	5
16	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.	3.6	59
17	Methanol Synthesis from CO <sub>2</sub> : A Review of the Latest Developments in Heterogeneous Catalysis. <i>Materials</i> , 2019, 12, 3902.	2.9	160
18	Steam reforming of tar model compounds over Ni/Mayenite catalysts: effect of Ce addition. <i>Fuel</i> , 2018, 224, 676-686.	6.4	72

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19	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.	7.1	35
20	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.	4.7	11
21	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.	2.9	8
22	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.	5.5	39
23	Highly active Cu/ZnO-Al catalyst for methanol synthesis: effect of aging on its structure and activity. <i>RSC Advances</i> , 2018, 8, 20619-20629.	3.6	46
24	Catalytic Upgrading of Bio-oils. <i>RSC Green Chemistry</i> , 2018, , 181-205.	0.1	0
25	Photocatalytic activity of mont-La (6%)-Cu <sub>0.6</sub> Cd <sub>0.4</sub> S catalyst for phenol degradation under near UV visible light irradiation. <i>Applied Catalysis B: Environmental</i> , 2017, 211, 114-125.	20.2	47
26	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.	2.8	10
27	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.	7.1	24
28	Optimization of nickel loading of mixed oxide catalyst ex-hydrotalcite for H <sub>2</sub> production by methane decomposition. <i>Applied Catalysis A: General</i> , 2017, 548, 71-82.	4.3	34
29	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.	4.7	10
30	Influence of the solvent on the structure, morphology and performance for H <sub>2</sub> evolution of CdS photocatalysts prepared by solvothermal method. <i>Applied Catalysis B: Environmental</i> , 2017, 203, 753-767.	20.2	146
31	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.	3.8	19
32	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.	2.0	14
33	Effect of Re addition on the WGS activity and stability of Pt/CeO <sub>2</sub> -TiO <sub>2</sub> catalyst for membrane reactor applications. <i>Catalysis Today</i> , 2016, 268, 95-102.	4.4	25
34	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.	7.1	25
35	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.	7.1	36
36	Improved stability of Ni/Al <sub>2</sub> O <sub>3</sub> catalysts by effect of promoters (La <sub>2</sub> O <sub>3</sub> , CeO <sub>2</sub> ) for ethanol steam-reforming reaction. <i>Catalysis Today</i> , 2016, 259, 27-38.	4.4	115

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37	Introduction to hydrogen production. , 2015, , 21-61.		9
38	Rh/Al <sub>2</sub> O <sub>3</sub> –La <sub>2</sub> O <sub>3</sub> catalysts promoted with CeO <sub>2</sub> for ethanol steam reforming reaction. Journal of Molecular Catalysis A, 2015, 407, 169-181.	4.8	45
39	Ruthenium Effect on Formation Mechanism and Structural Characteristics of LaCo <sub>1-x</sub> Ru <sub>x</sub> O <sub>3</sub> Perovskites and Its Influence on Catalytic Performance for Hydrocarbon Oxidative Reforming. Journal of Physical Chemistry C, 2015, 119, 16708-16723.	3.1	6
40	Influence of Ni environment on the reactivity of Ni–Mg–Al catalysts for the acetone steam reforming reaction. International Journal of Hydrogen Energy, 2015, 40, 5289-5296.	7.1	29
41	A simple approach to synthesize g-C <sub>3</sub> N <sub>4</sub> with high visible light photoactivity for hydrogen production. International Journal of Hydrogen Energy, 2015, 40, 7273-7281.	7.1	53
42	Structure and Activity of Pt–Ni Catalysts Supported on Modified Al <sub>2</sub> O <sub>3</sub> for Ethanol Steam Reforming. Journal of Nanoscience and Nanotechnology, 2015, 15, 6592-6603.	0.9	5
43	Improved ethanol steam reforming on Rh/Al <sub>2</sub> O <sub>3</sub> catalysts doped with CeO <sub>2</sub> or/and La <sub>2</sub> O <sub>3</sub> : Influence in reaction pathways including coke formation. Applied Catalysis A: General, 2015, 505, 159-172.	4.3	49
44	Ni- and PtNi-catalysts supported on Al <sub>2</sub> O <sub>3</sub> for acetone steam reforming: Effect of the modification of support with Ce, La and Mg. Catalysis Today, 2015, 242, 60-70.	4.4	50
45	Design of Highly Efficient Catalyst for Rational Way of Direct Conversion of Methane. Eurasian Chemico-Technological Journal, 2015, 17, 105.	0.6	6
46	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.	7.1	43
47	Methane partial oxidation over a LaCr <sub>0.85</sub> Ru <sub>0.15</sub> O <sub>3</sub> catalyst: Characterization, activity tests and kinetic modeling. Applied Catalysis A: General, 2014, 486, 239-249.	4.3	26
48	Controlling the impregnation of nickel on nanoporous aluminum oxide nanoliths as catalysts for partial oxidation of methane. Chemical Engineering Journal, 2014, 256, 458-467.	12.7	8
49	Hydrogen production by autothermal reforming of methane: Effect of promoters (Pt, Pd, Re, Mo, Sn) on the performance of Ni/La <sub>2</sub> O <sub>3</sub> catalysts. Applied Catalysis A: General, 2014, 481, 104-115.	4.3	42
50	Bimetallic MNi/Al <sub>2</sub> O <sub>3</sub> -La catalysts (M=Pt, Cu) for acetone steam reforming: Role of M on catalyst structure and activity. Applied Catalysis A: General, 2014, 474, 168-177.	4.3	29
51	Nature of the Mixed-Oxide Interface in Ceria–Titania Catalysts: Clusters, Chains, and Nanoparticles. Journal of Physical Chemistry C, 2013, 117, 14463-14471.	3.1	73
52	Role of Pt in the Activity and Stability of PtNi/CeO <sub>2</sub> –Al <sub>2</sub> O <sub>3</sub> Catalysts in Ethanol Steam Reforming for H <sub>2</sub> Production. Topics in Catalysis, 2013, 56, 1672-1685.	2.8	11
53	Renewable Syngas Production via Dry Reforming of Methane. Green Energy and Technology, 2013, , 45-66.	0.6	4
54	Cd <sub>1-x</sub> Zn <sub>x</sub> S supported on SBA-16 as photocatalysts for water splitting under visible light: Influence of Zn concentration. International Journal of Hydrogen Energy, 2013, 38, 11799-11810.	7.1	21

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55	Additions and corrections published in 2013. <i>Catalysis Science and Technology</i> , 2013, 3, 3371.	4.1	0
56	The effect of Pt characteristics on the photoactivity of Pt/TiO <sub>2</sub> for hydrogen production from ethanol. <i>Catalysis Today</i> , 2013, 210, 33-38.	4.4	27
57	Nanoscale control during synthesis of Me/La <sub>2</sub> O <sub>3</sub> , Me/CexGd <sub>1-x</sub> O <sub>y</sub> and Me/CexZr <sub>1-x</sub> O <sub>y</sub> (Me=Ni, Pt, Pd). <i>J. Catal.</i> 2011, 280, 1-14.	4.4	34
58	Hydrogen Production from Water Splitting Using Photo-Semiconductor Catalysts. , 2013, , 43-61.		12
59	In situ characterization of Pt catalysts supported on ceria modified TiO <sub>2</sub> for the WGS reaction: influence of ceria loading. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 2192-2202.	2.8	34
60	Cd <sub>1-x</sub> Zn <sub>x</sub> 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.	7.1	34
61	Comparative study of hydrotalcite-derived supported Pd <sub>2</sub> Ga and PdZn intermetallic nanoparticles as methanol synthesis and methanol steam reforming catalysts. <i>Journal of Catalysis</i> , 2012, 293, 27-38.	6.2	135
62	Exploring the Structural and Electronic Properties of Pt/Ceria-Modified TiO <sub>2</sub> and Its Photocatalytic Activity for Water Splitting under Visible Light. <i>Journal of Physical Chemistry C</i> , 2012, 116, 14062-14070.	3.1	69
63	Biohydrogen production by gas phase reforming of glycerine and ethanol mixtures. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 2028-2036.	7.1	33
64	Effect of ZrO <sub>2</sub> addition on Ni/Al <sub>2</sub> O <sub>3</sub> catalyst to produce H <sub>2</sub> from glycerol. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 7084-7093.	7.1	64
65	Diesel fuel reforming over catalysts derived from LaCo <sub>1-x</sub> Ru <sub>x</sub> O <sub>3</sub> perovskites with high Ru loading. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 7056-7066.	7.1	22
66	Insights on the role of Ru substitution in the properties of LaCoO <sub>3</sub> -based oxides as catalysts precursors for the oxidative reforming of diesel fuel. <i>Applied Catalysis B: Environmental</i> , 2012, 113-114, 271-280.	20.2	32
67	Perovskites as Catalysts in the Reforming of Hydrocarbons: A Review. <i>Micro and Nanosystems</i> , 2012, 4, 231-252.	0.6	14
68	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.	3.1	90
69	Hydrogen production by reforming of diesel fuel over catalysts derived from LaCo <sub>1-x</sub> Ru <sub>x</sub> O <sub>3</sub> 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.	7.8	22
70	Catalysts for Hydrogen Production from Heavy Hydrocarbons. <i>ChemCatChem</i> , 2011, 3, 440-457.	3.7	58
71	Oxidative reforming of diesel fuel over LaCoO <sub>3</sub> perovskite derived catalysts: Influence of perovskite synthesis method on catalyst properties and performance. <i>Applied Catalysis B: Environmental</i> , 2011, 105, 276-288.	20.2	93
72	Direct methane conversion routes to chemicals and fuels. <i>Catalysis Today</i> , 2011, 171, 15-23.	4.4	275

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73	Surface reactivity of LaCoO <sub>3</sub> and Ru/LaCoO <sub>3</sub> towards CO, CO <sub>2</sub> and C <sub>3</sub> H <sub>8</sub> : Effect of H <sub>2</sub> and O <sub>2</sub> pretreatments. Applied Catalysis B: Environmental, 2011, 102, 291-301.	20.2	28
74	Hydrogen production by oxidative ethanol reforming on Co, Ni and Cu ex-hydrotalcite catalysts. International Journal of Hydrogen Energy, 2011, 36, 1512-1523.	7.1	87
75	Glycerol liquid phase conversion over monometallic and bimetallic catalysts: Effect of metal, support type and reaction temperatures. Applied Catalysis B: Environmental, 2011, 106, 83-83.	20.2	27
76	Effect of the Partial Substitution of Fe by Ni on the Structure and Activity of Nanocrystalline Ni <sub>1-x</sub> Fe <sub>3x</sub> O <sub>4</sub> Ferrites for Hydrogen Production by Two-Step Water-Splitting. Nanoscience and Nanotechnology Letters, 2011, 3, 705-716.	0.4	8
77	Biogas as a source of renewable syngas production: advances and challenges. Biofuels, 2011, 2, 325-343.	2.4	32
78	Glycerol steam reforming over Ni catalysts supported on ceria and ceria-promoted alumina. International Journal of Hydrogen Energy, 2010, 35, 11622-11633.	7.1	184
79	A comparative study of the water gas shift reaction over platinum catalysts supported on CeO <sub>2</sub> , TiO <sub>2</sub> and Ce-modified TiO <sub>2</sub> . Catalysis Today, 2010, 149, 372-379.	4.4	128
80	Glycerol conversion into H <sub>2</sub> by steam reforming over Ni and PtNi catalysts supported on MgO modified $\gamma$ -Al <sub>2</sub> O <sub>3</sub> . Studies in Surface Science and Catalysis, 2010, 175, 449-452.	1.5	9
81	Mechanistic Aspects of the Ethanol Steam Reforming Reaction for Hydrogen Production on Pt, Ni, and PtNi Catalysts Supported on $\gamma$ -Al <sub>2</sub> O <sub>3</sub> . Journal of Physical Chemistry A, 2010, 114, 3873-3882.	2.5	103
82	A framework for visible-light water splitting. Energy and Environmental Science, 2010, 3, 1865.	30.8	181
83	Photocatalytic Hydrogen Production on Cd <sub>1-x</sub> Zn <sub>x</sub> S Solid Solutions under Visible Light: Influence of Thermal Treatment. Industrial & Engineering Chemistry Research, 2010, 49, 6854-6861.	3.7	45
84	Water Splitting on Semiconductor Catalysts under Visible Light Irradiation. ChemSusChem, 2009, 2, 471-485.	6.8	504
85	Reforming of Diesel Fuel for Hydrogen Production over Catalysts Derived from LaCo <sub>1-x</sub> M <sub>x</sub> O <sub>3</sub> (M= Ru, Fe). Topics in Catalysis, 2009, 52, 1995-2000.	2.8	19
86	Hydrodesulfurization of dibenzothiophene and a SRGO on sulfide Ni(Co)Mo/Al <sub>2</sub> O <sub>3</sub> catalysts. Effect of Ru and Pd promotion. Catalysis Today, 2009, 143, 108-114.	4.4	29
87	Influence of Zn concentration in the activity of Cd <sub>1-x</sub> Zn <sub>x</sub> S solid solutions for water splitting under visible light. Catalysis Today, 2009, 143, 51-56.	4.4	107
88	Role of the Ru and Support in Sulfided RuNiMo Catalysts in Simultaneous Hydrodearomatization (HDA), Hydrodesulfurization (HDS), and Hydrodenitrogenation (HDN) Reactions. Energy & Fuels, 2009, 23, 1364-1372.	5.1	16
89	Photocatalytic Water Splitting Under Visible Light. Advances in Chemical Engineering, 2009, 36, 111-143.	0.9	77
90	Influence of La <sub>2</sub> O <sub>3</sub> modified support and Ni and Pt active phases on glycerol steam reforming to produce hydrogen. Catalysis Communications, 2009, 10, 1275-1278.	3.3	125

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91	Hydrogen production from renewable sources: biomass and photocatalytic opportunities. <i>Energy and Environmental Science</i> , 2009, 2, 35-54.	30.8	378
92	Hydrogen Production from Glycerol Over Nickel Catalysts Supported on Al <sub>2</sub> O <sub>3</sub> Modified by Mg, Zr, Ce or La. <i>Topics in Catalysis</i> , 2008, 49, 46-58.	2.8	224
93	Zirconia-supported LaCoO <sub>3</sub> catalysts for hydrogen production by oxidative reforming of diesel: Optimization of preparation conditions. <i>Catalysis Today</i> , 2008, 138, 135-140.	4.4	21
94	Hydrogen production for fuel cell by oxidative reforming of diesel surrogate: Influence of ceria and/or lanthana over the activity of Pt/Al <sub>2</sub> O <sub>3</sub> catalysts. <i>Fuel</i> , 2008, 87, 2502-2511.	6.4	47
95	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.	7.1	93
96	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.	7.1	142
97	Performance enhancement in the water-gas shift reaction of platinum deposited over a cerium-modified TiO <sub>2</sub> support. <i>Catalysis Communications</i> , 2008, 9, 1759-1765.	3.3	44
98	Hydrogen Production Reactions from Carbon Feedstocks: Fossil Fuels and Biomass. <i>Chemical Reviews</i> , 2007, 107, 3952-3991.	47.7	1,108
99	Ethanol steam reforming over Ni/La-Al <sub>2</sub> O <sub>3</sub> catalysts: Influence of lanthanum loading. <i>Catalysis Today</i> , 2007, 129, 336-345.	4.4	174
100	Ethanol steam reforming over Ni/M <sub>x</sub> O <sub>y</sub> Ni/M <sub>x</sub> O <sub>y</sub> -Al <sub>2</sub> O <sub>3</sub> (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.	7.1	390
101	Effect of Ru on LaCoO <sub>3</sub> perovskite-derived catalyst properties tested in oxidative reforming of diesel. <i>Applied Catalysis B: Environmental</i> , 2007, 73, 247-258.	20.2	80
102	Diesel fuel processor for hydrogen production for 5kW fuel cell application. <i>International Journal of Hydrogen Energy</i> , 2007, 32, 1429-1436.	7.1	35
103	On the origin of the high performance of MWNT-supported PtPd catalysts for the hydrogenation of aromatics. <i>Carbon</i> , 2006, 44, 84-98.	10.3	90
104	Hydrogen production by oxidative reforming of hexadecane over Ni and Pt catalysts supported on Ce/La-doped Al <sub>2</sub> O <sub>3</sub> . <i>Applied Catalysis A: General</i> , 2006, 297, 60-72.	4.3	110
105	Design of a diesel reformer coupled to a PEMFC. <i>Catalysis Today</i> , 2006, 116, 324-333.	4.4	20
106	Production of hydrogen by oxidative reforming of ethanol over Pt catalysts supported on Al <sub>2</sub> O <sub>3</sub> modified with Ce and La. <i>Applied Catalysis B: Environmental</i> , 2005, 55, 229-241.	20.2	156
107	Removal of PAH Compounds from Liquid Fuels by Pd Catalysts. <i>Environmental Science &amp; Technology</i> , 2005, 39, 3374-3381.	10.0	26
108	Production of Hydrogen by Partial Oxidation of Methanol over Carbon-Supported Copper Catalysts. <i>Topics in Catalysis</i> , 2004, 30/31, 481-486.	2.8	11



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109	Deep aromatics hydrogenation in the presence of DBT over Au-Pd- $\gamma$ -alumina catalysts. Applied Catalysis A: General, 2004, 275, 127-139.	4.3	44
110	Competitive effects of nitrogen and sulfur content on activity of hydrotreating CoMo/Al <sub>2</sub> O <sub>3</sub> catalysts: a batch reactor study. Catalysis Today, 2004, 98, 67-74.	4.4	54
111	Simultaneous 1-pentene hydroisomerisation and thiophene hydrodesulphurisation over sulphided Ni/FAU and Ni/ZSM-5 catalysts. Applied Catalysis A: General, 2004, 262, 155-166.	4.3	54
112	Production of hydrogen from methanol over Cu/ZnO catalysts promoted by ZrO <sub>2</sub> and Al <sub>2</sub> O <sub>3</sub> . Journal of Catalysis, 2003, 219, 389-403.	6.2	364
113	Silica-alumina-supported transition metal sulphide catalysts for deep hydrodesulphurization. Catalysis Today, 2003, 86, 73-85.	4.4	37
114	Hydrogenation of aromatics over supported Pt-Pd catalysts. Applied Catalysis A: General, 2002, 225, 223-237.	4.3	148
115	Production of Hydrogen by Partial Oxidation of Methanol over a Cu/ZnO/Al <sub>2</sub> O <sub>3</sub> Catalyst: Influence of the Initial State of the Catalyst on the Start-Up Behaviour of the Reformer. Journal of Catalysis, 2002, 212, 112-118.	6.2	45
116	Oxidative Methanol Reforming Reactions on CuZnAl Catalysts Derived from Hydrotalcite-like Precursors. Journal of Catalysis, 2001, 198, 338-347.	6.2	167
117	Factors affecting Ni-sulfide formation in Y-type zeolites: a combined Fourier transform infrared and X-ray photoelectron spectroscopy study. Microporous and Mesoporous Materials, 2000, 34, 181-194.	4.4	27
118	Methyl-naphthalene hydrogenation on Pt/HY-Al <sub>2</sub> O <sub>3</sub> catalysts. An approach to hydrogenation of polyaromatic hydrocarbon mixtures. Fuel Processing Technology, 2000, 64, 117-133.	7.2	9
119	Hydrogenation of Aromatics on Sulfur-Resistant PtPd Bimetallic Catalysts. Journal of Catalysis, 2000, 189, 184-194.	6.2	219
120	Dibenzothiophene hydrodesulfurization on HY-zeolite-supported transition metal sulfide catalysts. Fuel Processing Technology, 1999, 61, 73-88.	7.2	39
121	Deep hydrodesulfurization of DBT and diesel fuel on supported Pt and Ir catalysts. Applied Catalysis A: General, 1996, 137, 269-286.	4.3	50
122	Dibenzothiophene hydrodesulfurization on silica-alumina-supported transition metal sulfide catalysts. Applied Catalysis A: General, 1996, 148, 23-40.	4.3	49