

Luis M GandÃ-a

List of Publications by Year in descending order

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128
papers

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47006

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docs citations

132
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Innovative catalyst integration on transparent silicone microreactors for photocatalytic applications. <i>Catalysis Today</i> , 2022, 383, 164-172.	4.4	15
2	A techno-economic and life cycle assessment for the production of green methanol from CO ₂ : catalyst and process bottlenecks. <i>Journal of Energy Chemistry</i> , 2022, 68, 255-266.	12.9	43
3	Iron-based oxygen carrier particles produced from micronized size minerals or industrial wastes. <i>Powder Technology</i> , 2022, 396, 637-647.	4.2	5
4	Editorial for Special Issue "Hydrogen Production and Storage". <i>Reactions</i> , 2022, 3, 87-88.	2.1	0
5	Acoustic and psychoacoustic levels from an internal combustion engine fueled by hydrogen vs. gasoline. <i>Fuel</i> , 2022, 317, 123505.	6.4	3
6	Mesoporous Sn-In-MCM-41 Catalysts for the Selective Sugar Conversion to Methyl Lactate and Comparative Life Cycle Assessment with the Biochemical Process. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 2868-2880.	6.7	9
7	Extraction of Phenolic Compounds from <i>Populus Salicaceae</i> Bark. <i>Biomolecules</i> , 2022, 12, 539.	4.0	12
8	Reaction Monitoring by Ultrasounds in a Pseudohomogeneous Medium: Triglyceride Ethanolysis for Biodiesel Production. <i>Processes</i> , 2022, 10, 12.	2.8	1
9	Comparative performance of coke oven gas, hydrogen and methane in a spark ignition engine. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 17572-17586.	7.1	23
10	Renewable Hydrocarbon Production from Waste Cottonseed Oil Pyrolysis and Catalytic Upgrading of Vapors with Mo-Co and Mo-Ni Catalysts Supported on γ -Al ₂ O ₃ . <i>Nanomaterials</i> , 2021, 11, 1659.	4.1	12
11	Pseudo-Homogeneous and Heterogeneous Kinetic Models of the NaOH-Catalyzed Methanolysis Reaction for Biodiesel Production. <i>Energies</i> , 2021, 14, 4192.	3.1	2
12	Oxidative steam reforming of glycerol. A review. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 148, 111299.	16.4	19
13	Performance comparison between washcoated and packed-bed monolithic reactors for the low-temperature Fischer-Tropsch synthesis. <i>Chemical Engineering Journal</i> , 2021, 425, 130424.	12.7	7
14	Valorization of selected fruit and vegetable wastes as bioactive compounds: Opportunities and challenges. <i>Critical Reviews in Environmental Science and Technology</i> , 2020, 50, 2061-2108.	12.8	86
15	In Situ Synthesis of SERS-Active Au@POM Nanostructures in a Microfluidic Device for Real-Time Detection of Water Pollutants. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 36458-36467.	8.0	41
16	Three-Dimensional Printing of Acrylonitrile Butadiene Styrene Microreactors for Photocatalytic Applications. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 20686-20692.	3.7	8
17	Application of a Modeling Tool to Describe Fly Ash Generation, Composition, and Melting Behavior in a Wheat Straw Fired Commercial Power Plant. <i>Processes</i> , 2020, 8, 1510.	2.8	0
18	Production of Aromatic Compounds by Catalytic Depolymerization of Technical and Downstream Biorefinery Lignins. <i>Biomolecules</i> , 2020, 10, 1338.	4.0	12

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19	Functionalization of 3D printed ABS filters with MOF for toxic gas removal. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 89, 194-203.	5.8	29
20	Catalytic Performance of Bulk and Al ₂ O ₃ -Supported Molybdenum Oxide for the Production of Biodiesel from Oil with High Free Fatty Acids Content. <i>Catalysts</i> , 2020, 10, 158.	3.5	19
21	Fruit and vegetable waste management: Conventional and emerging approaches. <i>Journal of Environmental Management</i> , 2020, 265, 110510.	7.8	235
22	Life cycle assessment of natural gas fuelled power plants based on chemical looping combustion technology. <i>Energy Conversion and Management</i> , 2019, 198, 111856.	9.2	22
23	Effect of oxygen addition, reaction temperature and thermal treatments on syngas production from biogas combined reforming using Rh/alumina catalysts. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 80, 217-226.	5.8	12
24	Syngas production via catalytic oxidative steam reforming of glycerol using a Co/Al coprecipitated catalyst and different bed fillers. <i>Fuel Processing Technology</i> , 2019, 189, 120-133.	7.2	24
25	Partial oxidation of methane to syngas using Co/Mg and Co/Mg-Al oxide supported catalysts. <i>Catalysis Today</i> , 2019, 333, 259-267.	4.4	26
26	Relevance of plant design on CLC process performance using a Cu-based oxygen carrier. <i>Fuel Processing Technology</i> , 2018, 171, 78-88.	7.2	23
27	Syngas production by means of biogas catalytic partial oxidation and dry reforming using Rh-based catalysts. <i>Catalysis Today</i> , 2018, 299, 280-288.	4.4	60
28	Outstanding performance of rehydrated Mg-Al hydrotalcites as heterogeneous methanolysis catalysts for the synthesis of biodiesel. <i>Fuel</i> , 2018, 211, 173-181.	6.4	89
29	Oak wood extracts applied to the grapevine. An alternative to obtain quality Garnacha wines. <i>Food Research International</i> , 2018, 105, 628-636.	6.2	4
30	Environmental Evaluation of the Improvements for Industrial Scaling of Zeolite Membrane Manufacturing by Life Cycle Assessment. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 15773-15780.	6.7	15
31	Characterization of combustion anomalies in a hydrogen-fueled 1.4 L commercial spark-ignition engine by means of in-cylinder pressure, block-engine vibration, and acoustic measurements. <i>Energy Conversion and Management</i> , 2018, 172, 67-80.	9.2	35
32	Kinetic analysis and CFD simulations of the photocatalytic production of hydrogen in silicone microreactors from water-ethanol mixtures. <i>Applied Catalysis B: Environmental</i> , 2017, 203, 210-217.	20.2	42
33	Application of Eco-Design and Life Cycle Assessment Standards for Environmental Impact Reduction of an Industrial Product. <i>Sustainability</i> , 2017, 9, 1724.	3.2	42
34	Effect of the thermal conductivity of metallic monoliths on methanol steam reforming. <i>Catalysis Today</i> , 2016, 273, 131-139.	4.4	55
35	Entropy of chemical processes versus numerical representability of orderings. <i>Journal of Mathematical Chemistry</i> , 2016, 54, 503-526.	1.5	4
36	Metallic monolithic catalysts based on calcium and cerium for the production of biodiesel. <i>Fuel</i> , 2016, 182, 668-676.	6.4	15

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37	Issues concerning the use of renewable Ca-based solids as transesterification catalysts. <i>Fuel</i> , 2015, 158, 558-564.	6.4	18
38	Kinetics of the NaOH-catalyzed transesterification of sunflower oil with ethanol to produce biodiesel. <i>Fuel Processing Technology</i> , 2015, 129, 147-155.	7.2	118
39	Experimental study of the performance and emission characteristics of an adapted commercial four-cylinder spark ignition engine running on hydrogen-methane mixtures. <i>Applied Energy</i> , 2014, 113, 1068-1076.	10.1	63
40	Ecodesign of PVC packing tape using life cycle assessment. <i>International Journal of Life Cycle Assessment</i> , 2014, 19, 218-230.	4.7	15
41	Monitoring of the methanolysis reaction for biodiesel production by off-line and on-line refractive index and speed of sound measurements. <i>Fuel</i> , 2014, 121, 157-164.	6.4	19
42	Gold supported on CuOx/CeO2 catalyst for the purification of hydrogen by the CO preferential oxidation reaction (PROX). <i>Fuel</i> , 2014, 118, 176-185.	6.4	46
43	Heterogenization of the biodiesel synthesis catalysis: CaO and novel calcium compounds as transesterification catalysts. <i>Chemical Engineering Research and Design</i> , 2014, 92, 1519-1530.	5.6	96
44	CFD analysis of the effects of the flow distribution and heat losses on the steam reforming of methanol in catalytic (Pd/ZnO) microreactors. <i>Chemical Engineering Journal</i> , 2014, 238, 37-44.	12.7	39
45	Development of eggshell derived catalyst for transesterification of used cooking oil for biodiesel production. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2013, 8, 742-748.	1.5	39
46	Structured catalysts based on Mg-Al hydrotalcite for the synthesis of biodiesel. <i>Catalysis Today</i> , 2013, 216, 211-219.	4.4	48
47	Preferential oxidation of CO over Au/CuOx-CeO2 catalyst in microstructured reactors studied through CFD simulations. <i>Catalysis Today</i> , 2013, 216, 283-291.	4.4	15
48	Influence of the O2/CO ratio and the presence of H2O and CO2 in the feed-stream during the preferential oxidation of CO (PROX) over a CuOx/CeO2-coated microchannel reactor. <i>Catalysis Today</i> , 2013, 203, 182-187.	4.4	31
49	Kinetic analysis and microstructured reactors modeling for the Fischer-Tropsch synthesis over a Co-Re/Al2O3 catalyst. <i>Catalysis Today</i> , 2013, 215, 103-111.	4.4	54
50	Renewable Hydrogen Energy. , 2013, , 1-17.		17
51	Computational Fluid Dynamics as a Tool for Designing Hydrogen Energy Technologies. , 2013, , 401-435.		5
52	Hydrogen Hazards and Risks Analysis through CFD Simulations. , 2013, , 437-452.		2
53	A CFD study on the effect of the characteristic dimension of catalytic wall microreactors. <i>AIChE Journal</i> , 2012, 58, 2785-2797.	3.6	27
54	DRIFTS study of methanol adsorption on Mg-Al hydrotalcite catalysts for the transesterification of vegetable oils. <i>Catalysis Communications</i> , 2012, 17, 189-193.	3.3	23

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55	Preferential oxidation of CO (CO-PROX) over CuOx/CeO ₂ coated microchannel reactor. <i>Catalysis Today</i> , 2012, 180, 105-110.	4.4	42
56	Reduction and oxidation kinetics of nickel-based oxygen-carriers for chemical-looping combustion and chemical-looping reforming. <i>Chemical Engineering Journal</i> , 2012, 188, 142-154.	12.7	163
57	Testing of a highly reactive impregnated Fe ₂ O ₃ /Al ₂ O ₃ oxygen carrier for a SR-CLC system in a continuous CLC unit. <i>Fuel Processing Technology</i> , 2012, 96, 37-47.	7.2	67
58	Conversion of a commercial gasoline vehicle to run bi-fuel (hydrogen-gasoline). <i>International Journal of Hydrogen Energy</i> , 2012, 37, 1781-1789.	7.1	28
59	Progress in Chemical-Looping Combustion and Reforming technologies. <i>Progress in Energy and Combustion Science</i> , 2012, 38, 215-282.	31.2	1,865
60	Hydrogen Production From Water Electrolysis: Current Status and Future Trends. <i>Proceedings of the IEEE</i> , 2012, 100, 410-426.	21.3	1,037
61	Corrections to "Hydrogen Production From Water Electrolysis: Current Status and Future Trends" [Feb 12 410-426]. <i>Proceedings of the IEEE</i> , 2012, 100, 811-811.	21.3	10
62	VOCs combustion catalysed by platinum supported on manganese octahedral molecular sieves. <i>Applied Catalysis B: Environmental</i> , 2011, 110, 231-237.	20.2	54
63	Conversion of a gasoline engine-generator set to a bi-fuel (hydrogen/gasoline) electronic fuel-injected power unit. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 13781-13792.	7.1	32
64	Influence of vegetable oils fatty acid composition on reaction temperature and glycerides conversion to biodiesel during transesterification. <i>Bioresource Technology</i> , 2011, 102, 1044-1050.	9.6	44
65	Fischer-Tropsch synthesis in microchannels. <i>Chemical Engineering Journal</i> , 2011, 167, 536-544.	12.7	91
66	Computational fluid dynamics simulation of ethanol steam reforming in catalytic wall microchannels. <i>Chemical Engineering Journal</i> , 2011, 167, 603-609.	12.7	66
67	Selective CO removal over Au/CeFe and CeCu catalysts in microreactors studied through kinetic analysis and CFD simulations. <i>Chemical Engineering Journal</i> , 2011, 167, 588-596.	12.7	38
68	Design and testing of a microchannel reactor for the PROX reaction. <i>Chemical Engineering Journal</i> , 2011, 167, 634-642.	12.7	40
69	Kinetics of redox reactions of ilmenite for chemical-looping combustion. <i>Chemical Engineering Science</i> , 2011, 66, 689-702.	3.8	274
70	Multiple response optimization of vegetable oils fatty acid composition to improve biodiesel physical properties. <i>Bioresource Technology</i> , 2011, 102, 7280-7288.	9.6	91
71	Computational fluid dynamics study of heat transfer in a microchannel reactor for low-temperature Fischer-Tropsch synthesis. <i>Chemical Engineering Journal</i> , 2010, 160, 915-922.	12.7	68
72	Reactivity of a NiO/Al ₂ O ₃ oxygen carrier prepared by impregnation for chemical-looping combustion. <i>Fuel</i> , 2010, 89, 3399-3409.	6.4	88

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73	Conversion of a commercial spark ignition engine to run on hydrogen: Performance comparison using hydrogen and gasoline. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 1420-1429.	7.1	93
74	Synthesis of biodiesel from the methanolysis of sunflower oil using PURAL [®] Mg-Al hydrotalcites as catalyst precursors. <i>Applied Catalysis B: Environmental</i> , 2010, 100, 299-309.	20.2	62
75	Iron-modified ceria and Au/ceria catalysts for Total and Preferential Oxidation of CO (TOX and PROX). <i>Catalysis Today</i> , 2010, 157, 155-159.	4.4	94
76	Kinetics and selectivity of methyl-ethyl-ketone combustion in air over alumina-supported PdO-MnOx catalysts. <i>Journal of Catalysis</i> , 2009, 261, 50-59.	6.2	45
77	NiO/Al ₂ O ₃ oxygen carriers for chemical-looping combustion prepared by impregnation and deposition-precipitation methods. <i>Fuel</i> , 2009, 88, 1016-1023.	6.4	108
78	Influence of the power supply on the energy efficiency of an alkaline water electrolyser. <i>International Journal of Hydrogen Energy</i> , 2009, 34, 3221-3233.	7.1	107
79	Integration of methanol steam reforming and combustion in a microchannel reactor for H ₂ production: A CFD simulation study. <i>Catalysis Today</i> , 2009, 143, 25-31.	4.4	80
80	Methane steam reforming in a microchannel reactor for GTL intensification: A computational fluid dynamics simulation study. <i>Chemical Engineering Journal</i> , 2009, 154, 168-173.	12.7	80
81	Methyl ethyl ketone combustion over La-transition metal (Cr, Co, Ni, Mn) perovskites. <i>Applied Catalysis B: Environmental</i> , 2009, 92, 445-453.	20.2	54
82	Methane Combustion in a 500 W _{th} Chemical-Looping Combustion System Using an Impregnated Ni-Based Oxygen Carrier. <i>Energy & Fuels</i> , 2009, 23, 130-142.	5.1	134
83	Synthesis of biodiesel from sunflower oil with silica-supported NaOH catalysts. <i>Journal of Chemical Technology and Biotechnology</i> , 2008, 83, 862-870.	3.2	26
84	Alkaline and alkaline-earth metals compounds as catalysts for the methanolysis of sunflower oil. <i>Catalysis Today</i> , 2008, 133-135, 305-313.	4.4	152
85	Thermal performance of a commercial alkaline water electrolyzer: Experimental study and mathematical modeling. <i>International Journal of Hydrogen Energy</i> , 2008, 33, 7338-7354.	7.1	177
86	Renewable Hydrogen Production: Performance of an Alkaline Water Electrolyzer Working under Emulated Wind Conditions. <i>Energy & Fuels</i> , 2007, 21, 1699-1706.	5.1	177
87	Kinetics of Methyl Ethyl Ketone Combustion in Air at Low Concentrations over a Commercial Pt/Al ₂ O ₃ Catalyst. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 9037-9044.	3.7	12
88	Synthesis of biodiesel with heterogeneous NaOH/alumina catalysts: Comparison with homogeneous NaOH. <i>Chemical Engineering Journal</i> , 2007, 134, 123-130.	12.7	249
89	Mapping of the range of operational conditions for Cu-, Fe-, and Ni-based oxygen carriers in chemical-looping combustion. <i>Chemical Engineering Science</i> , 2007, 62, 533-549.	3.8	546
90	Monitoring of biodiesel production: Simultaneous analysis of the transesterification products using size-exclusion chromatography. <i>Chemical Engineering Journal</i> , 2006, 122, 31-40.	12.7	80

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91	Dehydrogenation of ethylbenzene on alumina-pillared Fe-rich saponites. <i>Catalysis Letters</i> , 2005, 101, 229-234.	2.6	9
92	CHARACTERIZATION OF THE POROUS STRUCTURE OF AN ALUMINA-PILLARED CLAY BY MEANS OF NITROGEN ADSORPTION AND IMMERSION CALORIMETRY. <i>Chemical Engineering Communications</i> , 2005, 192, 827-837.	2.6	1
93	Effect of the temperature of calcination on the catalytic performance of manganese- and samarium-manganese-based oxides in the complete oxidation of acetone. <i>Applied Catalysis A: General</i> , 2004, 274, 229-235.	4.3	63
94	Preparation and characterisation of Mn- and Co-supported catalysts derived from Al-pillared clays and Mn- and Co-complexes. <i>Applied Catalysis A: General</i> , 2004, 267, 47-58.	4.3	42
95	Microstructure and quantitative estimation of the micropore-size distribution of an alumina-pillared clay from nitrogen adsorption at 77 and carbon dioxide adsorption at 273. <i>Chemical Engineering Science</i> , 2003, 58, 3059-3075.	3.8	41
96	Preparation and characterisation of vanadium catalysts supported over alumina-pillared clays. <i>Catalysis Today</i> , 2003, 78, 181-190.	4.4	22
97	Comparative study of the textural properties of alumina-pillared saponites synthesised from the intercalation with various aluminium oligomers. <i>Studies in Surface Science and Catalysis</i> , 2002, 144, 585-592.	1.5	3
98	Complete oxidation of acetone over manganese oxide catalysts supported on alumina- and zirconia-pillared clays. <i>Applied Catalysis B: Environmental</i> , 2002, 38, 295-307.	20.2	111
99	Dehydrogenation of Ethylbenzene on Alumina-Chromia-Pillared Saponites. <i>Catalysis Letters</i> , 2002, 78, 99-103.	2.6	11
100	Platinum catalysts supported on Al-pillared clays. <i>Catalysis Today</i> , 2001, 68, 41-51.	4.4	62
101	On the structural changes of a saponite intercalated with various polycations upon thermal treatments. <i>Applied Catalysis A: General</i> , 2001, 217, 191-204.	4.3	43
102	Effects of various alkali-acid additives on the activity of a manganese oxide in the catalytic combustion of ketones. <i>Applied Catalysis B: Environmental</i> , 2001, 33, 1-8.	20.2	41
103	Influence of the Ti precursor on the properties of Ti-pillared smectites. <i>Clay Minerals</i> , 2001, 36, 125-138.	0.6	29
104	Main factors controlling the texture of zirconia and alumina pillared clays. <i>Microporous and Mesoporous Materials</i> , 2000, 34, 115-125.	4.4	64
105	Influence of the surface adsorption-desorption processes on the ignition curves of volatile organic compounds (VOCs) complete oxidation over supported catalysts. <i>Applied Catalysis B: Environmental</i> , 2000, 26, 37-46.	20.2	106
106	Recent Advances in the Synthesis and Catalytic Applications of Pillared Clays. <i>Catalysis Reviews - Science and Engineering</i> , 2000, 42, 145-212.	12.9	465
107	Preparation and characterization of manganese oxide catalysts supported on alumina and zirconia-pillared clays. <i>Applied Catalysis A: General</i> , 2000, 196, 281-292.	4.3	54
108	New alumina/aluminium monoliths for the catalytic elimination of VOCs. <i>Studies in Surface Science and Catalysis</i> , 2000, 130, 593-598.	1.5	10

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109	Unsupported and supported manganese oxides used in the catalytic combustion of methyl-ethyl-ketone. <i>Studies in Surface Science and Catalysis</i> , 2000, 143, 527-535.	1.5	8
110	Activity and stability of single and perovskite-type manganese and cobalt oxides in the catalytic combustion of acetone. <i>Studies in Surface Science and Catalysis</i> , 2000, 130, 2153-2158.	1.5	9
111	Catalytic performance in the complete acetone oxidation of manganese and cobalt oxides supported on alumina and silica. *Financial support by the Ministry of Science and Technology (MAT2000-0985) and the Department of Education and Culture of the Navarre Government (Orden Foral 143/1998) is gratefully acknowledged.. <i>Studies in Surface Science and Catalysis</i> , 2000, , 517-525.	1.5	1
112	Factores que controlan las propiedades texturales de arcillas intercaladas con disoluciones de circonio y aluminio. <i>Boletin De La Sociedad Espanola De Ceramica Y Vidrio</i> , 2000, 39, 530-534.	1.9	1
113	Non-aggressive pillaring of clays with zirconium acetate. Comparison with alumina pillared clays. <i>Applied Catalysis A: General</i> , 1999, 183, 23-33.	4.3	25
114	Preparation and characterization of manganese- and samarium-manganese-alumina pillared montmorillonites. <i>Reaction Kinetics and Catalysis Letters</i> , 1998, 64, 145-151.	0.6	6
115	Pillaring of saponite with zirconium oligomers. <i>Microporous and Mesoporous Materials</i> , 1998, 24, 173-188.	4.4	40
116	Texture evolution of nickel and cobalt activated-charcoal-supported catalysts during thermal treatments at increasing temperatures. <i>Journal of Physics and Chemistry of Solids</i> , 1997, 58, 1079-1089.	4.0	6
117	Influence of the Nickel Reduction Degree on the Toxicity of H ₂ S and Thiophene over a Ni/SiO ₂ Catalyst. <i>Journal of Catalysis</i> , 1996, 162, 349-358.	6.2	6
118	Thiophene hydrogenolysis using temperature-programmed surface reaction as a tool to study poison toxicity. <i>Applied Catalysis A: General</i> , 1995, 132, L1-L7.	4.3	1
119	Selectivity in the High-Temperature Hydrogenation of Acetone with Silica-Supported Nickel and Cobalt Catalysts. <i>Journal of Catalysis</i> , 1995, 157, 461-471.	6.2	37
120	A new strong basic high surface area catalyst: The nitrided aluminophosphate: ALPON and Ni-ALPON. <i>Studies in Surface Science and Catalysis</i> , 1995, , 381-389.	1.5	22
121	Influence of the preparation method and the nature of the support on the stability of nickel catalysts. <i>Applied Catalysis A: General</i> , 1994, 109, 167-179.	4.3	110
122	Application of a new hydrogenated aluminophosphate oxynitride (ALPON) as a catalytic support for the one-step synthesis of methyl isobutyl ketone from acetone. <i>Applied Catalysis A: General</i> , 1994, 114, L1-L7.	4.3	57
123	Effect of the reduction temperature on the selectivity of the high temperature reaction of acetone and hydrogen over alumina and titania supported nickel and cobalt catalysts. <i>Journal of Molecular Catalysis</i> , 1994, 94, 347-367.	1.2	42
124	Effect of Thermal Treatments on the Properties of Nickel and Cobalt Activated-Charcoal-Supported Catalysts. <i>Journal of Catalysis</i> , 1994, 145, 276-288.	6.2	68
125	Study of the high temperature reaction of acetone and hydrogen over zinc oxide-supported Ni and Co catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , 1994, 53, 261-268.	0.6	9
126	Highly selective one-step formation of methyl isobutyl ketone from acetone with a magnesia supported nickel catalyst. <i>Applied Catalysis A: General</i> , 1993, 101, L1-L6.	4.3	54

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127	Effect of the design variables on the energy performance and size parameters of a heat transformer based on the system acetone/H ₂ O-propanol. International Journal of Energy Research, 1992, 16, 851-864.	4.5	25
128	Hydrotalcites as Catalysts and Catalysts Precursors for the Synthesis of Biodiesel. Key Engineering Materials, 0, 571, 1-26.	0.4	6