

Anna Maria Raspolli Galletti

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139
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4,646
ext. citations

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avg, IF

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#	Paper	IF	Citations
134	A sustainable process for the production of Valerolactone by hydrogenation of biomass-derived levulinic acid. <i>Green Chemistry</i> , 2012 , 14, 688	10	269
133	Acid sites characterization of niobium phosphate catalysts and their activity in fructose dehydration to 5-hydroxymethyl-2-furaldehyde. <i>Journal of Molecular Catalysis A</i> , 2000 , 151, 233-243		165
132	Selective saccharides dehydration to 5-hydroxymethyl-2-furaldehyde by heterogeneous niobium catalysts. <i>Applied Catalysis A: General</i> , 1999 , 183, 295-302	5.1	164
131	Selective oxidation of 5-hydroxymethyl-2-furaldehyde to furan-2,5-dicarboxaldehyde by catalytic systems based on vanadyl phosphate. <i>Applied Catalysis A: General</i> , 2005 , 289, 197-204	5.1	152
130	Heterogeneous catalysts based on vanadyl phosphate for fructose dehydration to 5-hydroxymethyl-2-furaldehyde. <i>Applied Catalysis A: General</i> , 2004 , 275, 111-118	5.1	145
129	New Frontiers in the Catalytic Synthesis of Levulinic Acid: From Sugars to Raw and Waste Biomass as Starting Feedstock. <i>Catalysts</i> , 2016 , 6, 196	4	136
128	Heterogeneous zirconium and titanium catalysts for the selective synthesis of 5-hydroxymethyl-2-furaldehyde from carbohydrates. <i>Applied Catalysis A: General</i> , 2000 , 193, 147-153	5.1	122
127	From giant reed to levulinic acid and gamma-valerolactone: A high yield catalytic route to valeric biofuels. <i>Applied Energy</i> , 2013 , 102, 157-162	10.7	115
126	Selective synthesis of isobutanol by means of the Guerbet reaction. <i>Journal of Molecular Catalysis A</i> , 2003 , 200, 137-146		84
125	Microwave-assisted dehydration of fructose and inulin to HMF catalyzed by niobium and zirconium phosphate catalysts. <i>Applied Catalysis B: Environmental</i> , 2017 , 206, 364-377	21.8	79
124	Ethylene oligomerization by novel catalysts based on bis(salicylaldimine)nickel(II) complexes and organoaluminum co-catalysts. <i>Applied Catalysis A: General</i> , 2002 , 231, 307-320	5.1	79
123	Novel microwave synthesis of ruthenium nanoparticles supported on carbon nanotubes active in the selective hydrogenation of p-chloronitrobenzene to p-chloroaniline. <i>Applied Catalysis A: General</i> , 2012 , 421-422, 99-107	5.1	69
122	Novel microwave-synthesis of Cu nanoparticles in the absence of any stabilizing agent and their antibacterial and antistatic applications. <i>Applied Surface Science</i> , 2013 , 280, 610-618	6.7	69
121	Guerbet condensation of methanol with n-propanol to isobutyl alcohol over heterogeneous bifunctional catalysts based on MgAl mixed oxides partially substituted by different metal components. <i>Journal of Molecular Catalysis A</i> , 2005 , 232, 13-20		68
120	Furfural from corn stover hemicelluloses. A mineral acid-free approach. <i>Green Chemistry</i> , 2014 , 16, 3734-3740	3.74	63
119	Hydrothermal carbonization of sewage sludge: A critical analysis of process severity, hydrochar properties and environmental implications. <i>Waste Management</i> , 2019 , 93, 1-13	8.6	60
118	LEVULINIC ACID PRODUCTION FROM WASTE BIOMASS. <i>BioResources</i> , 2012 , 7,	1.3	56

117	An easy microwave-assisted process for the synthesis of nanostructured palladium catalysts and their use in the selective hydrogenation of cinnamaldehyde. <i>Applied Catalysis A: General</i> , 2010 , 386, 124-131	5.1	56
116	A novel microwave assisted process for the synthesis of nanostructured ruthenium catalysts active in the hydrogenation of phenol to cyclohexanone?. <i>Applied Catalysis A: General</i> , 2008 , 350, 46-52	5.1	56
115	Anionic ruthenium iodorcarbonyl complexes as selective dehydroxylation catalysts in aqueous solution. <i>Journal of Organometallic Chemistry</i> , 1991 , 417, 41-49	2.3	53
114	Selective synthesis of 2-ethyl-1-hexanol from n-butanol through the Guerbet reaction by using bifunctional catalysts based on copper or palladium precursors and sodium butoxide. <i>Journal of Molecular Catalysis A</i> , 2004 , 212, 65-70		52
113	Niobium complexes as catalytic precursors for the polymerization of olefins. <i>Coordination Chemistry Reviews</i> , 2010 , 254, 525-536	23.2	50
112	Vinyl Polymerization of Norbornene by Bis(salicylaldiminate)copper(II)/Methylalumoxane Catalysts. <i>Organometallics</i> , 2006 , 25, 3659-3664	3.8	48
111	Synthesis of isobutanol by the Guerbet condensation of methanol with n-propanol in the presence of heterogeneous and homogeneous palladium-based catalytic systems. <i>Journal of Molecular Catalysis A</i> , 2003 , 204-205, 721-728		46
110	Hydrothermal Conversion of Giant Reed to Furfural and Levulinic Acid: Optimization of the Process under Microwave Irradiation and Investigation of Distinctive Agronomic Parameters. <i>Molecules</i> , 2015 , 20, 21232-53	4.8	43
109	Selective synthesis of isobutanol by means of the Guerbet reaction. <i>Journal of Molecular Catalysis A</i> , 2002 , 184, 273-280		41
108	Guerbet condensation of methanol with n-propanol to isobutyl alcohol over heterogeneous copper chromite/MgAl mixed oxides catalysts. <i>Journal of Molecular Catalysis A</i> , 2004 , 220, 215-220		40
107	Selective synthesis of isobutanol by means of the Guerbet reaction: Part 3: Methanol/n-propanol condensation by using bifunctional catalytic systems based on nickel, rhodium and ruthenium species with basic components. <i>Journal of Molecular Catalysis A</i> , 2003 , 206, 409-418		40
106	Sustainable conversion of Pinus pinaster wood into biofuel precursors: A biorefinery approach. <i>Fuel</i> , 2016 , 164, 51-58	7.1	38
105	Amberlyst A-70: A surprisingly active catalyst for the MW-assisted dehydration of fructose and inulin to HMF in water. <i>Catalysis Communications</i> , 2017 , 97, 146-150	3.2	36
104	Phytotoxicity assessment of conventional and biodegradable plastic bags using seed germination test. <i>Ecological Indicators</i> , 2019 , 102, 569-580	5.8	36
103	Insight into the hydrogenation of pure and crude HMF to furan diols using Ru/C as catalyst. <i>Applied Catalysis A: General</i> , 2019 , 578, 122-133	5.1	35
102	Characterization of the Arundo Donax L. solid residue from hydrothermal conversion: Comparison with technical lignins and application perspectives. <i>Industrial Crops and Products</i> , 2015 , 76, 1008-1024	5.9	35
101	Cascade Strategy for the Tunable Catalytic Valorization of Levulinic Acid and Valerolactone to 2-Methyltetrahydrofuran and Alcohols. <i>Catalysts</i> , 2018 , 8, 277	4	35
100	Autohydrolysis pretreatment of Arundo donax: a comparison between microwave-assisted batch and fast heating rate flow-through reaction systems. <i>Biotechnology for Biofuels</i> , 2015 , 8, 218	7.8	35

- 99 Copolymerization of ethylene with methyl methacrylate by ziegler-natta-type catalysts based on nickel salicylaldiminate/methylalumoxane systems. *Macromolecular Chemistry and Physics*, **2002**, 203, 1606-1613 2.6 35
- 98 Selective synthesis of octadienyl and butenyl ethers via reaction of 1,3-butadiene with alcohols catalyzed by homogeneous palladium complexes. *Journal of Molecular Catalysis A*, **1998**, 129, 179-189 34
- 97 Vinyl polymerization of norbornene by bis(nitro-substituted-salicylaldiminate)nickel(II)/methylaluminoxane catalysts. *Journal of Polymer Science Part A*, **2006**, 44, 1514-1521 2.5 34
- 96 Chitosan as biosupport for the MW-assisted synthesis of palladium catalysts and their use in the hydrogenation of ethyl cinnamate. *Applied Catalysis A: General*, **2013**, 468, 95-101 5.1 33
- 95 Homo- and copolymerization of methyl methacrylate with ethylene by novel Ziegler-Natta-Type nickel catalysts based on N,O-nitro-substituted chelate ligands. *Journal of Polymer Science Part A*, **2006**, 44, 620-633 2.5 32
- 94 In-depth characterization of valuable char obtained from hydrothermal conversion of hazelnut shells to levulinic acid. *Bioresource Technology*, **2017**, 244, 880-888 11 31
- 93 Homogeneous telomerization of 1,3-butadiene with alcohols in the presence of palladium catalysts modified by hybrid chelate ligands. *Journal of Molecular Catalysis A*, **1999**, 140, 139-155 31
- 92 Highly active methyl methacrylate polymerization catalysts obtained from bis(3,5-dinitro-salicylaldiminate)nickel(II) complexes and methylaluminoxane. *Journal of Polymer Science Part A*, **2003**, 41, 2117-2124 2.5 30
- 91 Ethylene polymerization by bis(salicylaldiminate)nickel(II)/aluminoxane catalysts. *Journal of Polymer Science Part A*, **2004**, 42, 2534-2542 2.5 29
- 90 Sustainable Production of Levulinic Acid from the Cellulosic Fraction of Pinus Pinaster Wood: Operation in Aqueous Media Under Microwave Irradiation. *Journal of Wood Chemistry and Technology*, **2015**, 35, 315-324 2 28
- 89 New palladium catalysts on polyketone prepared through different smart methodologies and their use in the hydrogenation of cinnamaldehyde. *Applied Catalysis A: General*, **2012**, 447-448, 49-59 5.1 27
- 88 Homopolymerization of methyl methacrylate by novel salicylaldiminate-nickel/methylaluminoxane catalysts obtained by oxidative addition of the chelate ligand to a nickel(0) precursor. *Journal of Polymer Science Part A*, **2003**, 41, 1716-1724 2.5 27
- 87 Heterogeneous catalysis for the ketalisation of ethyl levulinate with 1,2-dodecanediol: Opening the way to a new class of bio-degradable surfactants. *Catalysis Communications*, **2016**, 73, 84-87 3.2 26
- 86 Hydrogenation of organic substrates by an heterogenized catalyst based on a bis(diphenylphosphino)methane polymer-bound palladium(II) complex. *Journal of Molecular Catalysis A*, **1999**, 145, 221-228 26
- 85 NbP catalyst for furfural production: FT IR studies of surface properties. *Applied Catalysis A: General*, **2015**, 502, 388-398 5.1 25
- 84 Monitoring/characterization of stickies contaminants coming from a papermaking plant--Toward an innovative exploitation of the screen rejects to levulinic acid. *Waste Management*, **2016**, 49, 469-482 8.6 25
- 83 Bis(salicylaldiminate)copper(II)/methylaluminoxane catalysts for homo- and copolymerizations of ethylene and methyl methacrylate. *Journal of Polymer Science Part A*, **2007**, 45, 1134-1142 2.5 25
- 82 Homopolymerization of Methyl Methacrylate by Novel Ziegler-Natta-Type Catalysts Based on Bis(chelate)-nickel(II) Complexes and Methylaluminoxane. *Macromolecular Rapid Communications*, **2001**, 22, 664-668 4.8 25

81	Telomerization of 1,3-butadiene with alcohols catalyzed by homogeneous palladium(0) complexes in the presence of mono- and diphosphine ligands. <i>Journal of Molecular Catalysis A</i> , 1999 , 144, 27-40		25
80	Tunable copper-hydroxalcalite derived mixed oxides for sustainable ethanol condensation to n-butanol in liquid phase. <i>Journal of Cleaner Production</i> , 2019 , 209, 1614-1623	10.3	25
79	Midinfrared FT-IR as a Tool for Monitoring Herbaceous Biomass Composition and Its Conversion to Furfural. <i>Journal of Spectroscopy</i> , 2015 , 2015, 1-12	1.5	24
78	Ethylene Polymerization by Niobium(V)N,N-Dialkylcarbamates Activated with Aluminum Co-catalysts. <i>Organometallics</i> , 2011 , 30, 1682-1688	3.8	24
77	Py-GC/MS characterization of a wild and a selected clone of <i>Arundo donax</i> , and of its residues after catalytic hydrothermal conversion to high added-value products. <i>Journal of Analytical and Applied Pyrolysis</i> , 2012 , 94, 223-229	6	23
76	Novel Nitroketonate nickel(II) complexes as homogeneous catalysts for ethylene oligomerization. <i>Applied Catalysis A: General</i> , 2001 , 206, 1-12	5.1	23
75	Multi-valorisation of giant reed (<i>Arundo Donax</i> L.) to give levulinic acid and valuable phenolic antioxidants. <i>Industrial Crops and Products</i> , 2018 , 112, 6-17	5.9	22
74	From paper mill waste to single cell oil: Enzymatic hydrolysis to sugars and their fermentation into microbial oil by the yeast <i>Lipomyces starkeyi</i> . <i>Bioresource Technology</i> , 2020 , 315, 123790	11	21
73	A Biorefinery Cascade Conversion of Hemicellulose-Free <i>Eucalyptus Globulus</i> Wood: Production of Concentrated Levulinic Acid Solutions for γ -Valerolactone Sustainable Preparation. <i>Catalysts</i> , 2018 , 8, 169	4	21
72	Synthesis, structural characterization and electrical properties of highly conjugated soluble poly(furan)s. <i>Polymer</i> , 1997 , 38, 4973-4982	3.9	21
71	Telomerization of butadiene with methanol catalysed by cationic palladium complexes containing a bidentate phosphinoamino ligand. <i>Journal of Molecular Catalysis A</i> , 1999 , 145, 313-316		21
70	1,3-butadiene telomerization with methanol catalyzed by heterogenized palladium complexes. <i>Journal of Molecular Catalysis A</i> , 1999 , 137, 49-63		20
69	Homologation of methyl acetate to ethyl acetate with ruthenium catalysts. <i>Journal of Molecular Catalysis</i> , 1985 , 32, 291-308		20
68	Innovative Process for the Synthesis of Nanostructured Ruthenium Catalysts and their Catalytic Performance. <i>Topics in Catalysis</i> , 2009 , 52, 1065-1069	2.3	19
67	Ethylene homopolymerization by novel Ziegler Natta-type catalytic systems obtained by oxidative addition of salicylaldimine ligands to bis(1,5-cyclooctadiene)nickel(0) and methylalumoxane. <i>Polymer</i> , 2003 , 44, 1995-2003	3.9	19
66	Methanol carbonylation to methyl formate catalyzed by strongly basic resins. <i>Catalysis Letters</i> , 1996 , 38, 127-131	2.8	19
65	Two alternative routes for 1,2-cyclohexanediol synthesis by means of green processes: Cyclohexene dihydroxylation and catechol hydrogenation. <i>Applied Catalysis A: General</i> , 2013 , 466, 21-31	5.1	18
64	Exploitation of <i>Arundo donax</i> L. Hydrolysis Residue for the Green Synthesis of Flexible Polyurethane Foams. <i>BioResources</i> , 2017 , 12,	1.3	18

63	Novel highly active niobium catalysts for ring opening metathesis polymerization of norbornene. <i>Macromolecular Rapid Communications</i> , 2009 , 30, 1762-8	4.8	18
62	Supported transition metal complexes for ethylene polymerization. <i>Journal of Molecular Catalysis A</i> , 1996 , 107, 113-121		18
61	Homologation of methyl acetate to ethyl acetate with ruthenium catalysts. <i>Journal of Molecular Catalysis</i> , 1986 , 34, 183-194		18
60	Synthesis of isopropyl levulinate from furfural: Insights on a cascade production perspective. <i>Applied Catalysis A: General</i> , 2019 , 575, 111-119	5.1	18
59	Linear low-density polyethylenes by co-polymerization of ethylene with 1-hexene in the presence of titanium precursors and organoaluminium co-catalysts. <i>Polymer</i> , 2007 , 48, 1185-1192	3.9	17
58	Ruthenium p-cymene complexes with β -diimine ligands as catalytic precursors for the transfer hydrogenation of ethyl levulinate to γ -valerolactone. <i>New Journal of Chemistry</i> , 2018 , 42, 17574-17586	3.6	17
57	Turning Point toward the Sustainable Production of 5-Hydroxymethyl-2-furaldehyde in Water: Metal Salts for Its Synthesis from Fructose and Inulin. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 6830-6838	8.3	16
56	Effect of the Carbon Support on the Catalytic Activity of Ruthenium-Magnetite Catalysts for p-Chloronitrobenzene Hydrogenation. <i>ChemCatChem</i> , 2015 , 7, 2971-2978	5.2	16
55	Novel nickel catalysts based on perfluoroalkyl- β -diketone ligands for the selective dimerization of propylene to 2,3-dimethylbutenes. <i>Journal of Organometallic Chemistry</i> , 2001 , 622, 286-292	2.3	16
54	One-Pot Alcoholysis of the Lignocellulosic Eucalyptus nitens Biomass to n-Butyl Levulinate, a Valuable Additive for Diesel Motor Fuel. <i>Catalysts</i> , 2020 , 10, 509	4	15
53	Ethylene polymerization using novel titanium catalytic precursors bearing N,N-dialkylcarbamato ligands. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 3338-3345	2.5	15
52	Selective dimerization of propylene to 2,3-dimethylbutenes by homogeneous catalysts prepared from halogeno(β -thioacetylacetonato)nickel(II) complexes containing a highly hindered alkyl phosphine ligand and different aluminium co-catalysts. <i>Applied Catalysis A: General</i> , 2000 , 199, 123-132	5.1	15
51	Application of microwave irradiation for the removal of polychlorinated biphenyls from siloxane transformer and hydrocarbon engine oils. <i>Chemosphere</i> , 2016 , 159, 72-79	8.4	14
50	Effect of Free Trimethylaluminum Content in Methylaluminoxane on Performances of Bis(salicylaldehyde)nickel(II)-Based Catalysts for Ethylene Polymerization. <i>Macromolecular Rapid Communications</i> , 2005 , 26, 808-812	4.8	14
49	Easily available niobium(V) mixed chloro-alkoxide complexes as catalytic precursors for ethylene polymerization. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 1664-1670	2.5	13
48	Propylene oligomerization by nickel catalysts in biphasic fluorinated systems. <i>Journal of Molecular Catalysis A</i> , 2002 , 178, 9-20		13
47	Olefin oligomerization by novel catalysts prepared by oxidative addition of carboxylic acids to nickel(0) precursors and modified by phosphine ancillary ligands and organoaluminum compounds. <i>Journal of Molecular Catalysis A</i> , 2001 , 169, 79-88		13
46	Multi-Step Exploitation of Raw Arundo donax L. for the Selective Synthesis of Second-Generation Sugars by Chemical and Biological Route. <i>Catalysts</i> , 2020 , 10, 79	4	13

45	Optimisation of glucose and levulinic acid production from the cellulose fraction of giant reed (<i>Arundo donax</i> L.) performed in the presence of ferric chloride under microwave heating. <i>Bioresource Technology</i> , 2020 , 313, 123650	11	12
44	Manufacture of Furfural from Xylan-containing Biomass by Acidic Processing of Hemicellulose-Derived Saccharides in Biphasic Media Using Microwave Heating. <i>Journal of Wood Chemistry and Technology</i> , 2018 , 38, 198-213	2	12
43	Microwave-assisted cascade exploitation of giant reed (<i>Arundo donax</i> L.) to xylose and levulinic acid catalysed by ferric chloride. <i>Bioresource Technology</i> , 2019 , 293, 122050	11	12
42	Styrene polymerization by ziegler-natta catalysts based on bis(salicylaldiminate)nickel(II) complexes and methyl aluminoxane. <i>Macromolecular Symposia</i> , 2004 , 213, 209-220	0.8	12
41	Improved heterogenized catalysts for selective propylene oligomerization to 2,3-dimethylbutenes prepared by oxidative addition of polymer-anchored η^5 -thioacetate ligands to nickel(0) complexes. <i>Applied Catalysis A: General</i> , 2001 , 207, 387-395	5.1	12
40	Selective propylene dimerization to 2,3-dimethylbutenes by heterogenized polymer-supported η^5 -thioacetate nickel(II) precursors activated by organoaluminium co-catalysts. <i>Applied Catalysis A: General</i> , 2000 , 204, 7-18	5.1	12
39	A hybrid polyketone/SiO ₂ support for palladium catalysts and their applications in cinnamaldehyde hydrogenation and in 1-phenylethanol oxidation. <i>Applied Catalysis A: General</i> , 2015 , 496, 40-50	5.1	11
38	Py-GC/MS and HPLC-DAD characterization of hazelnut shell and cuticle: Insights into possible re-evaluation of waste biomass. <i>Journal of Analytical and Applied Pyrolysis</i> , 2017 , 127, 321-328	6	11
37	Room-temperature polymerization of β -pinene by niobium and tantalum halides. <i>Catalysis Today</i> , 2012 , 192, 177-182	5.3	11
36	Easily accessible oxygen-containing derivatives of niobium pentachloride as catalytic precursors for ethylene polymerization. <i>Polymer International</i> , 2011 , 60, 1722-1727	3.3	10
35	Selective propylene dimerization to 2,3-dimethylbutenes by homogeneous catalysts obtained from bis(η^5 -thioacetophenonate)nickel(II), tricyclohexylphosphine and different organoaluminum compounds. <i>Journal of Molecular Catalysis A</i> , 2001 , 169, 19-25		10
34	Catalytic performances of homogeneous systems based on η^5 -thioacetophenonate-nickel(II) complexes and organoaluminium compounds in ethylene oligomerisation. <i>Applied Catalysis A: General</i> , 2001 , 216, 1-8	5.1	10
33	Novel polymer-supported η^5 -thioacetate nickel catalysts for selective propylene dimerization. <i>Polymers for Advanced Technologies</i> , 1999 , 10, 554-560	3.2	10
32	Integrated cascade biorefinery processes for the production of single cell oil by <i>Lipomyces starkeyi</i> from <i>Arundo donax</i> L. hydrolysates. <i>Bioresource Technology</i> , 2021 , 325, 124635	11	10
31	Novel polymer-supported η^5 -diketonate nickel catalysts for β -olefin activation. <i>Polymers for Advanced Technologies</i> , 1998 , 9, 113-120	3.2	9
30	Ethylene polymerization with silica-supported bis[3,5-dinitro-N-(2,6-diisopropylphenyl)salicylaldiminate]nickel(II)/methylaluminoxane catalysts. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 1978-1984	2.5	9
29	Hydrothermal Carbonization of Sewage Sludge: Analysis of Process Severity and Solid Content. <i>Chemical Engineering and Technology</i> , 2020 , 43, 2382-2392	2	9
28	Copper-based magnetic catalysts for alkyne oxidative homocoupling reactions. <i>Molecular Catalysis</i> , 2017 , 438, 143-151	3.3	8

27	Investigating the activation of hydrochar from sewage sludge for the removal of terbuthylazine from aqueous solutions. <i>Journal of Material Cycles and Waste Management</i> , 2020 , 22, 1539-1551	3.4	8
26	Direct Alcoholysis of Carbohydrate Precursors and Real Cellulosic Biomasses to Alkyl Levulinates: A Critical Review. <i>Catalysts</i> , 2020 , 10, 1221	4	8
25	A novel approach to biphasic strategy for intensification of the hydrothermal process to give levulinic acid: Use of an organic non-solvent. <i>Bioresource Technology</i> , 2018 , 264, 180-189	11	8
24	Copolymerization of ethylene with a vinyl ether bearing a fluorinated group. <i>Journal of Fluorine Chemistry</i> , 2011 , 132, 1207-1212	2.1	7
23	Novel Heterogenized Palladium(II) Complexes Anchored to Polymer Matrices Functionalized with Bis(diphenylphosphino)methane Moieties. <i>Journal of Inorganic and Organometallic Polymers</i> , 1997 , 7, 183-201		7
22	Chemical and Catalytic Properties of Ruthenium Carbonyl Iodide Systems during Reactions on Oxygenated Substrates. <i>ACS Symposium Series</i> , 1987 , 220-236	0.4	7
21	Catalytic hydrogenation for the industrial synthesis of the Wong's anthracyclines intermediate. <i>Catalysis Communications</i> , 2006 , 7, 896-900	3.2	6
20	AQUIVION® perfluorosulfonic acid resin for butyl levylate production from furfuryl alcohol. <i>New Journal of Chemistry</i> , 2019 , 43, 14694-14700	3.6	5
19	A new post-metallocene catalyst for alkene polymerization: copolymerization of ethylene and 1-hexene with titanium complexes bearing N,N-dialkylcarbamato ligands. <i>Polymer International</i> , 2014 , 63, 560-567	3.3	5
18	Titanium complexes bearing carbamato ligands as catalytic precursors for propylene polymerization reactions. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 4095-4102	2.5	5
17	Tunable HMF hydrogenation to furan diols in a flow reactor using Ru/C as catalyst. <i>Journal of Industrial and Engineering Chemistry</i> , 2021 , 100, 390.e1-390.e9	6.3	5
16	Designing new catalysts: synthesis of new active structures: general discussion. <i>Faraday Discussions</i> , 2016 , 188, 131-59	3.6	4
15	Fluoride adducts of niobium(V): Activation reactions and alkene polymerizations. <i>Inorganica Chimica Acta</i> , 2013 , 399, 214-218	2.7	4
14	Highly active and easily accessible catalysts for vinyl polymerization of norbornene obtained by oxidative addition of salicylaldimine ligands to bis(1,5-cyclooctadiene)nickel(0) and methylaluminumoxane. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 4459-4464	2.5	4
13	Electro-oxidative depolymerisation of technical lignin in water using platinum, nickel oxide hydroxide and graphite electrodes. <i>New Journal of Chemistry</i> , 2021 , 45, 9647-9657	3.6	4
12	Thermal and structural investigation of random ethylene/1-hexene copolymers with high 1-hexene content. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014 , 115, 1711-1718	4.1	3
11	An Innovative Microwave Process for Nanocatalyst Synthesis. <i>International Journal of Chemical Reactor Engineering</i> , 2010 , 8,	1.2	3
10	Selective propylene dimerization to 2,3-dimethylbutenes by homogeneous catalysts prepared by oxidative addition of nitroketones to nickel(0) complexes in the presence of phosphine ligands and organoaluminium co-catalysts. <i>Applied Catalysis A: General</i> , 2001 , 210, 173-180	5.1	3

9	Optically active polymers bearing side-chain photochromic moieties: synthesis and chiroptical properties of methacrylic homopolymers with pendant trans-azobenzene chromophores bound through L-leucine, L-valine and L-proline amino acid spacers. <i>Macromolecular Chemistry and Physics</i> , 2000 , 201, 1540-1551.	2.6	3
8	Ethylene polymerization by novel Ziegler-Natta-type catalysts obtained in situ by the oxidative addition of 8-hydroxyquinoline-based ligands to bis(1,5-cyclooctadiene)nickel(0) and methylaluminoxane. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 200-206	2.5	2
7	Oxides as Heterogeneous Promoters for Liquid-Phase Hydrocarbonylation Reactions with Iodocarbonylruthenium Catalysts. <i>Advances in Chemistry Series</i> , 1992 , 309-322		2
6	Cutaneotrichosporon oleaginosus: A Versatile Whole-Cell Biocatalyst for the Production of Single-Cell Oil from Agro-Industrial Wastes. <i>Catalysts</i> , 2021 , 11, 1291	4	2
5	Utilisation of advanced biofuel in CI internal combustion engine. <i>Fuel</i> , 2021 , 297, 120742	7.1	2
4	Carbon monoxide-ethene copolymerization catalyzed by [PdCl ₂ (dppb)] in H ₂ O/(CH ₂) _n COOH (dppb=1,4-bis(diphenylphosphino)butane; n=0, 1, 2). <i>Journal of Molecular Catalysis A</i> , 2015 , 410, 202-208		1
3	Sustainable Exploitation of Residual Cynara cardunculus L. to Levulinic Acid and n-Butyl Levulinate. <i>Catalysts</i> , 2021 , 11, 1082	4	1
2	Upgrading grape pomace contained ethanol into hexanoic acid, fuel additives and a sticky polyhydroxyalkanoate: an effective alternative to ethanol distillation. <i>Green Chemistry</i> , 2022 , 24, 2882-2892	10	1
1	Bio-additives for CI engines from one-pot alcoholysis reaction of lignocellulosic biomass: an experimental activity. <i>E3S Web of Conferences</i> , 2020 , 197, 08005	0.5	0