

# Anna Maria Raspolli Galletti

## List of Publications by Year in descending order

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138  
papers

5,137  
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94433

37  
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63  
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139  
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139  
docs citations

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times ranked

4781  
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#	ARTICLE	IF	CITATIONS
1	A sustainable process for the production of $\gamma$ -valerolactone by hydrogenation of biomass-derived levulinic acid. <i>Green Chemistry</i> , 2012, 14, 688.	9.0	304
2	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.	4.8	187
3	Selective saccharides dehydration to 5-hydroxymethyl-2-furaldehyde by heterogeneous niobium catalysts. <i>Applied Catalysis A: General</i> , 1999, 183, 295-302.	4.3	185
4	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.	3.5	180
5	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.	4.3	161
6	Heterogeneous catalysts based on vanadyl phosphate for fructose dehydration to 5-hydroxymethyl-2-furaldehyde. <i>Applied Catalysis A: General</i> , 2004, 275, 111-118.	4.3	157
7	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.	4.3	141
8	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.	10.1	127
9	Hydrothermal carbonization of sewage sludge: A critical analysis of process severity, hydrochar properties and environmental implications. <i>Waste Management</i> , 2019, 93, 1-13.	7.4	120
10	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.	20.2	101
11	Selective synthesis of isobutanol by means of the Guerbet reaction. <i>Journal of Molecular Catalysis A</i> , 2003, 200, 137-146.	4.8	98
12	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.	4.3	80
13	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.	4.3	79
14	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.	6.1	79
15	Phytotoxicity assessment of conventional and biodegradable plastic bags using seed germination test. <i>Ecological Indicators</i> , 2019, 102, 569-580.	6.3	75
16	Guerbet condensation of methanol with n-propanol to isobutyl alcohol over heterogeneous bifunctional catalysts based on Mg-Al mixed oxides partially substituted by different metal components. <i>Journal of Molecular Catalysis A</i> , 2005, 232, 13-20.	4.8	74
17	Furfural from corn stover hemicelluloses. A mineral acid-free approach. <i>Green Chemistry</i> , 2014, 16, 3734-3740.	9.0	68
18	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.	4.3	63

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19	LEVULINIC ACID PRODUCTION FROM WASTE BIOMASS. BioResources, 2012, 7, .	1.0	63
20	An easy microwave-assisted process for the synthesis of nanostructured palladium catalysts and their use in the selective hydrogenation of cinnamaldehyde. Applied Catalysis A: General, 2010, 386, 124-131.	4.3	62
21	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. Journal of Molecular Catalysis A, 2004, 212, 65-70.	4.8	61
22	Insight into the hydrogenation of pure and crude HMF to furan diols using Ru/C as catalyst. Applied Catalysis A: General, 2019, 578, 122-133.	4.3	61
23	Niobium complexes as catalytic precursors for the polymerization of olefins. Coordination Chemistry Reviews, 2010, 254, 525-536.	18.8	58
24	Anionic ruthenium iodorcarbonyl complexes as selective dehydroxylation catalysts in aqueous solution. Journal of Organometallic Chemistry, 1991, 417, 41-49.	1.8	55
25	Vinyl Polymerization of Norbornene by Bis(salicylaldiminate)copper(II)/Methylalumoxane Catalysts. Organometallics, 2006, 25, 3659-3664.	2.3	51
26	Hydrothermal Conversion of Giant Reed to Furfural and Levulinic Acid: Optimization of the Process under Microwave Irradiation and Investigation of Distinctive Agronomic Parameters. Molecules, 2015, 20, 21232-21253.	3.8	51
27	Synthesis of isobutanol by the Guerbet condensation of methanol with n-propanol in the presence of heterogeneous and homogeneous palladium-based catalytic systems. Journal of Molecular Catalysis A, 2003, 204-205, 721-728.	4.8	48
28	In-depth characterization of valuable char obtained from hydrothermal conversion of hazelnut shells to levulinic acid. Bioresource Technology, 2017, 244, 880-888.	9.6	48
29	Cascade Strategy for the Tunable Catalytic Valorization of Levulinic Acid and $\gamma$ -Valerolactone to 2-Methyltetrahydrofuran and Alcohols. Catalysts, 2018, 8, 277.	3.5	48
30	Amberlyst A-70: A surprisingly active catalyst for the MW-assisted dehydration of fructose and inulin to HMF in water. Catalysis Communications, 2017, 97, 146-150.	3.3	46
31	Selective synthesis of isobutanol by means of the Guerbet reaction. Journal of Molecular Catalysis A, 2002, 184, 273-280.	4.8	45
32	Guerbet condensation of methanol with n-propanol to isobutyl alcohol over heterogeneous copper chromite/Mg-Al mixed oxides catalysts. Journal of Molecular Catalysis A, 2004, 220, 215-220.	4.8	45
33	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.	4.8	44
34	Characterization of the Arundo Donax L. solid residue from hydrothermal conversion: Comparison with technical lignins and application perspectives. Industrial Crops and Products, 2015, 76, 1008-1024.	5.2	43
35	Tunable copper-hydroxalite derived mixed oxides for sustainable ethanol condensation to n-butanol in liquid phase. Journal of Cleaner Production, 2019, 209, 1614-1623.	9.3	43
36	Selective synthesis of isobutanol by means of the Guerbet reaction. Journal of Molecular Catalysis A, 2003, 206, 409-418.	4.8	42

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37	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.	1.3	42
38	Sustainable conversion of Pinus pinaster wood into biofuel precursors: A biorefinery approach. <i>Fuel</i> , 2016, 164, 51-58.	6.4	42
39	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.	6.2	41
40	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.	9.6	40
41	Homogeneous telomerization of 1,3-butadiene with alcohols in the presence of palladium catalysts modified by hybrid chelate ligands. <i>Journal of Molecular Catalysis A</i> , 1999, 140, 139-155.	4.8	38
42	Copolymerization of ethylene with methyl methacrylate by ziegler-natta-type catalysts based on nickel salicylaldimine/methylalumoxane systems. <i>Macromolecular Chemistry and Physics</i> , 2002, 203, 1606-1613.	2.2	37
43	Vinyl polymerization of norbornene by bis(nitro-substituted-salicylaldimine)nickel(II)/methylaluminoxane catalysts. <i>Journal of Polymer Science Part A</i> , 2006, 44, 1514-1521.	2.3	36
44	Heterogeneous catalysis for the ketalisation of ethyl levulinate with 1,2-dodecanediol: Opening the way to a new class of bio-degradable surfactants. <i>Catalysis Communications</i> , 2016, 73, 84-87.	3.3	36
45	Chitosan as biosupport for the MW-assisted synthesis of palladium catalysts and their use in the hydrogenation of ethyl cinnamate. <i>Applied Catalysis A: General</i> , 2013, 468, 95-101.	4.3	35
46	Homo- and copolymerization of methyl methacrylate with ethylene by novel Ziegler-Natta-Type nickel catalysts based on N,O-nitro-substituted chelate ligands. <i>Journal of Polymer Science Part A</i> , 2006, 44, 620-633.	2.3	34
47	Monitoring/characterization of stickies contaminants coming from a papermaking plant – Toward an innovative exploitation of the screen rejects to levulinic acid. <i>Waste Management</i> , 2016, 49, 469-482.	7.4	34
48	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.	4.8	33
49	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.	3.5	33
50	Highly active methyl methacrylate polymerization catalysts obtained from bis(3,5-dinitro-salicylaldimine)nickel(II) complexes and methylaluminoxane. <i>Journal of Polymer Science Part A</i> , 2003, 41, 2117-2124.	2.3	32
51	NbP catalyst for furfural production: FT IR studies of surface properties. <i>Applied Catalysis A: General</i> , 2015, 502, 388-398.	4.3	32
52	Sustainable Production of Levulinic Acid from the Cellulosic Fraction of Pinus Pinaster Wood: Operation in Aqueous Media Under Microwave Irradiation. <i>Journal of Wood Chemistry and Technology</i> , 2015, 35, 315-324.	1.7	30
53	Multi-valorisation of giant reed ( Arundo Donax L.) to give levulinic acid and valuable phenolic antioxidants. <i>Industrial Crops and Products</i> , 2018, 112, 6-17.	5.2	30
54	Ethylene polymerization by bis(salicylaldimine)nickel(II)/aluminoxane catalysts. <i>Journal of Polymer Science Part A</i> , 2004, 42, 2534-2542.	2.3	29

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55	A Biorefinery Cascade Conversion of Hemicellulose-Free Eucalyptus Globulus Wood: Production of Concentrated Levulinic Acid Solutions for $\beta$ -Valerolactone Sustainable Preparation. <i>Catalysts</i> , 2018, 8, 169.	3.5	29
56	Synthesis of isopropyl levulinate from furfural: Insights on a cascade production perspective. <i>Applied Catalysis A: General</i> , 2019, 575, 111-119.	4.3	29
57	Direct Alcoholysis of Carbohydrate Precursors and Real Cellulosic Biomasses to Alkyl Levulinates: A Critical Review. <i>Catalysts</i> , 2020, 10, 1221.	3.5	29
58	Homopolymerization of methyl methacrylate by novel salicylaldiminate-nickel/methylaluminoxane catalysts obtained by oxidative addition of the chelate ligand to a nickel(0) precursor. <i>Journal of Polymer Science Part A</i> , 2003, 41, 1716-1724.	2.3	28
59	Ethylene Polymerization by Niobium(V) $\beta$ -Dialkylcarbamates Activated with Aluminum Co-catalysts. <i>Organometallics</i> , 2011, 30, 1682-1688.	2.3	28
60	New palladium catalysts on polyketone prepared through different smart methodologies and their use in the hydrogenation of cinnamaldehyde. <i>Applied Catalysis A: General</i> , 2012, 447-448, 49-59.	4.3	28
61	Hydrogenation of organic substrates by an heterogenized catalyst based on a bis(diphenylphosphino)methane polymer-bound palladium(II) complex. <i>Journal of Molecular Catalysis A</i> , 1999, 145, 221-228.	4.8	27
62	Homopolymerization of Methyl Methacrylate by Novel Ziegler-Natta-Type Catalysts Based on Bis(chelate)-nickel(II) Complexes and Methylaluminoxane. <i>Macromolecular Rapid Communications</i> , 2001, 22, 664-668.	3.9	27
63	Bis(salicylaldiminate)copper(II)/methylaluminoxane catalysts for homo- and copolymerizations of ethylene and methyl methacrylate. <i>Journal of Polymer Science Part A</i> , 2007, 45, 1134-1142.	2.3	27
64	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.	9.6	27
65	1,3-butadiene telomerization with methanol catalyzed by heterogenized palladium complexes. <i>Journal of Molecular Catalysis A</i> , 1999, 137, 49-63.	4.8	26
66	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.	4.8	26
67	Exploitation of <i>Arundo donax</i> L. Hydrolysis Residue for the Green Synthesis of Flexible Polyurethane Foams. <i>BioResources</i> , 2017, 12, .	1.0	26
68	Synthesis, structural characterization and electrical properties of highly conjugated soluble poly(furan)s. <i>Polymer</i> , 1997, 38, 4973-4982.	3.8	25
69	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.	5.5	25
70	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.	4.3	24
71	Hydrothermal Carbonization of Sewage Sludge: Analysis of Process Severity and Solid Content. <i>Chemical Engineering and Technology</i> , 2020, 43, 2382-2392.	1.5	24
72	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.	5.8	24

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73	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.	2.8	24
74	Methanol carbonylation to methyl formate catalyzed by strongly basic resins. <i>Catalysis Letters</i> , 1996, 38, 127-131.	2.6	23
75	Novel $\hat{1}\pm$ -nitroketonate nickel(II) complexes as homogeneous catalysts for ethylene oligomerization. <i>Applied Catalysis A: General</i> , 2001, 206, 1-12.	4.3	23
76	Multi-Step Exploitation of Raw <i>Arundo donax</i> L. for the Selective Synthesis of Second-Generation Sugars by Chemical and Biological Route. <i>Catalysts</i> , 2020, 10, 79.	3.5	23
77	Supported transition metal complexes for ethylene polymerization. <i>Journal of Molecular Catalysis A</i> , 1996, 107, 113-121.	4.8	22
78	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.	9.6	22
79	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.	6.7	22
80	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.	9.6	21
81	Homologation of methyl acetate to ethyl acetate with ruthenium catalysts. <i>Journal of Molecular Catalysis</i> , 1985, 32, 291-308.	1.2	20
82	Novel Highly Active Niobium Catalysts for Ring Opening Metathesis Polymerization of Norbornene. <i>Macromolecular Rapid Communications</i> , 2009, 30, 1762-1768.	3.9	20
83	Effect of the Carbon Support on the Catalytic Activity of Ruthenium $\hat{1}\pm$ Magnetite Catalysts for $\hat{1}\pm$ -Chloronitrobenzene Hydrogenation. <i>ChemCatChem</i> , 2015, 7, 2971-2978.	3.7	20
84	Ethylene homopolymerization by novel Ziegler Natta-type catalytic systems obtained by oxidative addition of salicylaldehyde ligands to bis(1,5-cyclooctadiene)nickel(0) and methylalumoxane. <i>Polymer</i> , 2003, 44, 1995-2003.	3.8	19
85	Innovative Process for the Synthesis of Nanostructured Ruthenium Catalysts and their Catalytic Performance. <i>Topics in Catalysis</i> , 2009, 52, 1065-1069.	2.8	19
86	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.	1.7	19
87	Ruthenium $\hat{1}\pm$ -cymene complexes with $\hat{1}\pm$ -diimine ligands as catalytic precursors for the transfer hydrogenation of ethyl levulinate to $\hat{1}\pm$ -valerolactone. <i>New Journal of Chemistry</i> , 2018, 42, 17574-17586.	2.8	19
88	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.	9.6	19
89	Homologation of methyl acetate to ethyl acetate with ruthenium catalysts. <i>Journal of Molecular Catalysis</i> , 1986, 34, 183-194.	1.2	18
90	Novel nickel catalysts based on perfluoroalkyl- $\hat{1}\pm$ -diketone ligands for the selective dimerization of propylene to 2,3-dimethylbutenes. <i>Journal of Organometallic Chemistry</i> , 2001, 622, 286-292.	1.8	18

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91	Ethylene polymerization using novel titanium catalytic precursors bearing $\eta^5$ -dialkylcarbamato ligands. <i>Journal of Polymer Science Part A</i> , 2011, 49, 3338-3345.	2.3	18
92	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.	5.5	18
93	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.	3.8	17
94	Application of microwave irradiation for the removal of polychlorinated biphenyls from siloxane transformer and hydrocarbon engine oils. <i>Chemosphere</i> , 2016, 159, 72-79.	8.2	17
95	New Intensification Strategies for the Direct Conversion of Real Biomass into Platform and Fine Chemicals: What Are the Main Improvable Key Aspects?. <i>Catalysts</i> , 2020, 10, 961.	3.5	16
96	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.	3.0	16
97	Selective dimerization of propylene to 2,3-dimethylbutenes by homogeneous catalysts prepared from halogeno( $\eta^2$ -dithioacetylacetonato)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.	4.3	15
98	Effect of Free Trimethylaluminum Content in Methylaluminoxane on Performances of Bis(salicylaldiminate)nickel(II)-Based Catalysts for Ethylene Polymerization. <i>Macromolecular Rapid Communications</i> , 2005, 26, 808-812.	3.9	15
99	Easily available niobium(V) mixed chloroalkoxide complexes as catalytic precursors for ethylene polymerization. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1664-1670.	2.3	15
100	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.	4.8	14
101	Room-temperature polymerization of $\eta^2$ -pinene by niobium and tantalum halides. <i>Catalysis Today</i> , 2012, 192, 177-182.	4.4	14
102	A hybrid polyketone-SiO <sub>2</sub> 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.	4.3	14
103	Utilisation of advanced biofuel in CI internal combustion engine. <i>Fuel</i> , 2021, 297, 120742.	6.4	14
104	Integrated Cascade Process for the Catalytic Conversion of 5-Hydroxymethylfurfural to Furanic and Tetrahydrofuranic Diethers as Potential Biofuels. <i>ChemSusChem</i> , 2022, 15, .	6.8	14
105	Selective propylene dimerization to 2,3-dimethylbutenes by heterogenized polymer-supported $\eta^2$ -dithioacetylacetonate nickel(II) precursors activated by organoaluminium co-catalysts. <i>Applied Catalysis A: General</i> , 2000, 204, 7-18.	4.3	13
106	Improved heterogenized catalysts for selective propylene oligomerization to 2,3-dimethylbutenes prepared by oxidative addition of polymer-anchored $\eta^2$ -dithioacetylacetonate ligands to nickel(0) complexes. <i>Applied Catalysis A: General</i> , 2001, 207, 387-395.	4.3	13
107	Propylene oligomerization by nickel catalysts in biphasic fluorinated systems. <i>Journal of Molecular Catalysis A</i> , 2002, 178, 9-20.	4.8	13
108	Selective propylene dimerization to 2,3-dimethylbutenes by homogeneous catalysts obtained from bis( $\eta^1$ -nitroacetophenonate)nickel(II), tricyclohexylphosphine and different organoaluminum compounds. <i>Journal of Molecular Catalysis A</i> , 2001, 169, 19-25.	4.8	12



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109	Catalytic performances of homogeneous systems based on $\hat{1}\pm$ -nitroacetophenonate-nickel(II) complexes and organoaluminium compounds in ethylene oligomerisation. <i>Applied Catalysis A: General</i> , 2001, 216, 1-8.	4.3	12
110	Styrene polymerization by ziegler-natta catalysts based on bis(salicylaldiminate)nickel(II) complexes and methyl aluminoxane. <i>Macromolecular Symposia</i> , 2004, 213, 209-220.	0.7	12
111	Cutaneotrichosporon oleaginosus: A Versatile Whole-Cell Biocatalyst for the Production of Single-Cell Oil from Agro-Industrial Wastes. <i>Catalysts</i> , 2021, 11, 1291.	3.5	12
112	Sustainable Exploitation of Residual Cynara cardunculus L. to Levulinic Acid and n-Butyl Levulinate. <i>Catalysts</i> , 2021, 11, 1082.	3.5	11
113	Novel polymer-supported $\hat{1}^2$ -dithioketonate nickel catalysts for selective propylene dimerization. <i>Polymers for Advanced Technologies</i> , 1999, 10, 554-560.	3.2	10
114	Easily accessible oxygen-containing derivatives of niobium pentachloride as catalytic precursors for ethylene polymerization. <i>Polymer International</i> , 2011, 60, 1722-1727.	3.1	10
115	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.	9.0	10
116	Novel polymer-supported $\hat{1}^2$ -diketonate nickel catalysts for $\hat{1}\pm$ -olefin activation. <i>Polymers for Advanced Technologies</i> , 1998, 9, 113-120.	3.2	9
117	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.	2.3	9
118	Copper-based magnetic catalysts for alkyne oxidative homocoupling reactions. <i>Molecular Catalysis</i> , 2017, 438, 143-151.	2.0	9
119	Title is missing!. <i>Journal of Inorganic and Organometallic Polymers</i> , 1997, 7, 183-201.	1.5	8
120	A new post-metallocene catalyst for alkene polymerization: copolymerization of ethylene and 1-hexene with titanium complexes bearing $\langle i \rangle N,N \langle /i \rangle$ -dialkylcarbamato ligands. <i>Polymer International</i> , 2014, 63, 560-567.	3.1	8
121	Chemical and Catalytic Properties of Ruthenium Carbonyl Iodide Systems during Reactions on Oxygenated Substrates. <i>ACS Symposium Series</i> , 1987, , 220-236.	0.5	7
122	Copolymerization of ethylene with a vinyl ether bearing a fluorinated group. <i>Journal of Fluorine Chemistry</i> , 2011, 132, 1207-1212.	1.7	7
123	AQUIVION® perfluorosulfonic acid resin for butyl levulinate production from furfuryl alcohol. <i>New Journal of Chemistry</i> , 2019, 43, 14694-14700.	2.8	7
124	Catalytic hydrogenation for the industrial synthesis of the Wong's anthracyclines intermediate. <i>Catalysis Communications</i> , 2006, 7, 896-900.	3.3	6
125	Titanium complexes bearing carbamato ligands as catalytic precursors for propylene polymerization reactions. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4095-4102.	2.3	6
126	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.	2.2	5



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127	Fluoride adducts of niobium(V): Activation reactions and alkene polymerizations. <i>Inorganica Chimica Acta</i> , 2013, 399, 214-218.	2.4	5
128	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.	3.6	5
129	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 methylaluminoxane. <i>Journal of Polymer Science Part A</i> , 2012, 50, 4459-4464.	2.3	4
130	Designing new catalysts: synthesis of new active structures: general discussion. <i>Faraday Discussions</i> , 2016, 188, 131-159.	3.2	4
131	Selective propylene dimerization to 2,3-dimethylbutenes by homogeneous catalysts prepared by oxidative addition of $\alpha$ -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.	4.3	3
132	An Innovative Microwave Process for Nanocatalyst Synthesis. <i>International Journal of Chemical Reactor Engineering</i> , 2010, 8, .	1.1	3
133	Carbon monoxide-ethene copolymerization catalyzed by $[PdCl_2(dppb)]$ in $H_2O/H(CH_2)_nCOOH$ ( $dppb=1,4$ -bis(diphenylphosphino)butane; $n=0, 1, 2$ ). <i>Journal of Molecular Catalysis A</i> , 2015, 410, 202-208.	4.8	3
134	Oxides as Heterogeneous Promoters for Liquid-Phase Hydrocarbonylation Reactions with Iodocarbonylruthenium Catalysts. <i>Advances in Chemistry Series</i> , 1992, , 309-322.	0.6	2
135	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.	2.3	2
136	Homopolymerization of <i>n</i> -butyl methacrylate using bis(salicylaldiminate)copper(II)/methylaluminoxane catalysts. <i>Polymer International</i> , 2010, 59, 1148-1153.	3.1	2
137	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	1
138	Hot Research Topics in the Biomass Catalysis Section of the Catalysts Journal in 2018 and 2019. <i>Catalysts</i> , 2021, 11, 153.	3.5	0