Anna Maria Raspolli Galletti

List of Publications by Year
in descending order

138 papers	5,137 citations	94415 37 h-index	114455 63 g-index
139 all docs	139 docs citations	139 times ranked	4781 citing authors

#	Article	IF	Citations
1	A sustainable process for the production of Î³-valerolactone by hydrogenation of biomass-derived levulinic acid. Green Chemistry, 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. Journal of Molecular Catalysis A, 2000, 151, 233-243.	4.8	187
3	Selective saccharides dehydration to 5-hydroxymethyl-2-furaldehyde by heterogeneous niobium catalysts. Applied Catalysis A: General, 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. Catalysts, 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. Applied Catalysis A: General, 2005, 289, 197-204.	4.3	161
6	Heterogeneous catalysts based on vanadyl phosphate for fructose dehydration to 5-hydroxymethyl-2-furaldehyde. Applied Catalysis A: General, 2004, 275, 111-118.	4.3	157
7	Heterogeneous zirconium and titanium catalysts for the selective synthesis of 5-hydroxymethyl-2-furaldehyde from carbohydrates. Applied Catalysis A: General, 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. Applied Energy, 2013, 102, 157-162.	10.1	127
9	Hydrothermal carbonization of sewage sludge: A critical analysis of process severity, hydrochar properties and environmental implications. Waste Management, 2019, 93, 1-13.	7.4	120
10	Microwave-assisted dehydration of fructose and inulin to HMF catalyzed by niobium and zirconium phosphate catalysts. Applied Catalysis B: Environmental, 2017, 206, 364-377.	20.2	101
11	Selective synthesis of isobutanol by means of the Guerbet reaction. Journal of Molecular Catalysis A, 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. Applied Catalysis A: General, 2012, 421-422, 99-107.	4.3	80
13	Ethylene oligomerization by novel catalysts based on bis(salicylaldiminate)nickel(II) complexes and organoaluminum co-catalysts. Applied Catalysis A: General, 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. Applied Surface Science, 2013, 280, 610-618.	6.1	79
15	Phytotoxicity assessment of conventional and biodegradable plastic bags using seed germination test. Ecological Indicators, 2019, 102, 569-580.	6.3	75
16	Guerbet condensation of methanol with n-propanol to isobutyl alcohol over heterogeneous bifunctional catalysts based on Mgâ€“Al mixed oxides partially substituted by different metal components. Journal of Molecular Catalysis A, 2005, 232, 13-20.	4.8	74
17	Furfural from corn stover hemicelluloses. A mineral acid-free approach. Green Chemistry, 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 cyclohexanoneâ˜†. Applied Catalysis A: General, 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 Î³-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/Mgâ€“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-hydrotalcite 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. Journal of Spectroscopy, 2015, 2015, 1-12.	1.3	42
38	Sustainable conversion of Pinus pinaster wood into biofuel precursors: A biorefinery approach. Fuel, 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. Biotechnology for Biofuels, 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 Lipomyces starkeyi. Bioresource Technology, 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. Journal of Molecular Catalysis A, 1999, 140, 139-155.	4.8	38
42	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.	2.2	37
43	Vinyl polymerization of norbornene by bis(nitro-substituted-salicylaldiminate)nickel(II)/methylaluminoxane catalysts. Journal of Polymer Science Part A, 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. Catalysis Communications, 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. Applied Catalysis A: General, 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. Journal of Polymer Science Part A, 2006, 44, 620-633.	2.3	34
47	Monitoring/characterization of stickies contaminants coming from a papermaking plant â€“ Toward an innovative exploitation of the screen rejects to levulinic acid. Waste Management, 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. Journal of Molecular Catalysis A, 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. Catalysts, 2020, 10, 509.	3.5	33
50	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.	2.3	32
51	NbP catalyst for furfural production: FT IR studies of surface properties. Applied Catalysis A: General, 2015, 502, 388-398.	4.3	32
52	Sustainable Production of Levulinic Acid from the Cellulosic Fraction of<i>Pinus Pinaster</i>Wood: Operation in Aqueous Media Under Microwave Irradiation. Journal of Wood Chemistry and Technology, 2015, 35, 315-324.	1.7	30
53	Multi-valorisation of giant reed (Arundo Donax L.) to give levulinic acid and valuable phenolic antioxidants. Industrial Crops and Products, 2018, 112, 6-17.	5.2	30
54	Ethylene polymerization by bis(salicylaldiminate)nickel(II)/aluminoxane catalysts. Journal of Polymer Science Part A, 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 Î³-Valerolactone Sustainable Preparation. Catalysts, 2018, 8, 169.	3.5	29
56	Synthesis of isopropyl levulinate from furfural: Insights on a cascade production perspective. Applied Catalysis A: General, 2019, 575, 111-119.	4.3	29
57	Direct Alcoholysis of Carbohydrate Precursors and Real Cellulosic Biomasses to Alkyl Levulinates: A Critical Review. Catalysts, 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. Journal of Polymer Science Part A, 2003, 41, 1716-1724.	2.3	28
59	Ethylene Polymerization by Niobium(V) <i>N,N</i>-Dialkylcarbamates Activated with Aluminum Co-catalysts. Organometallics, 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. Applied Catalysis A: General, 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. Journal of Molecular Catalysis A, 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. Macromolecular Rapid Communications, 2001, 22, 664-668.	3.9	27
63	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.	2.3	27
64	Integrated cascade biorefinery processes for the production of single cell oil by Lipomyces starkeyi from Arundo donax L. hydrolysates. Bioresource Technology, 2021, 325, 124635.	9.6	27
65	1,3-butadiene telomerization with methanol catalyzed by heterogenized palladium complexes. Journal of Molecular Catalysis A, 1999, 137, 49-63.	4.8	26
66	Telomerization of butadiene with methanol catalysed by cationic palladium complexes containing a bidentate phosphinoamino ligand. Journal of Molecular Catalysis A, 1999, 145, 313-316.	4.8	26
67	Exploitation of Arundo donax L. Hydrolysis Residue for the Green Synthesis of Flexible Polyurethane Foams. BioResources, 2017, 12, .	1.0	26
68	Synthesis, structural characterization and electrical properties of highly conjugated soluble poly(furan)s. Polymer, 1997, 38, 4973-4982.	3.8	25
69	Py-GC/MS characterization of a wild and a selected clone of Arundo donax, and of its residues after catalytic hydrothermal conversion to high added-value products. Journal of Analytical and Applied Pyrolysis, 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. Applied Catalysis A: General, 2013, 466, 21-31.	4.3	24
71	Hydrothermal Carbonization of Sewage Sludge: Analysis of Process Severity and Solid Content. Chemical Engineering and Technology, 2020, 43, 2382-2392.	1.5	24
72	Tunable HMF hydrogenation to furan diols in a flow reactor using Ru/C as catalyst. Journal of Industrial and Engineering Chemistry, 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. New Journal of Chemistry, 2021, 45, 9647-9657.	2.8	24
74	Methanol carbonylation to methyl formate catalyzed by strongly basic resins. Catalysis Letters, 1996, 38, 127-131.	2.6	23
75	Novel Î±-nitroketonate nickel(II) complexes as homogeneous catalysts for ethylene oligomerization. Applied Catalysis A: General, 2001, 206, 1-12.	4.3	23
76	Multi-Step Exploitation of Raw Arundo donax L. for the Selective Synthesis of Second-Generation Sugars by Chemical and Biological Route. Catalysts, 2020, 10, 79.	3.5	23
77	Supported transition metal complexes for ethylene polymerization. Journal of Molecular Catalysis A, 1996, 107, 113-121.	4.8	22
78	Microwave-assisted cascade exploitation of giant reed (Arundo donax L.) to xylose and levulinic acid catalysed by ferric chloride. Bioresource Technology, 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. ACS Sustainable Chemistry and Engineering, 2019, 7, 6830-6838.	6.7	22
80	Optimisation of glucose and levulinic acid production from the cellulose fraction of giant reed (Arundo donax L.) performed in the presence of ferric chloride under microwave heating. Bioresource Technology, 2020, 313, 123650.	9.6	21
81	Homologation of methyl acetate to ethyl acetate with ruthenium catalysts. Journal of Molecular Catalysis, 1985, 32, 291-308.	1.2	20
82	Novel Highly Active Niobium Catalysts for Ring Opening Metathesis Polymerization of Norbornene. Macromolecular Rapid Communications, 2009, 30, 1762-1768.	3.9	20
83	Effect of the Carbon Support on the Catalytic Activity of Rutheniumâ€Magnetite Catalysts for <i>p</i>â€Chloronitrobenzene Hydrogenation. ChemCatChem, 2015, 7, 2971-2978.	3.7	20
84	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. Polymer, 2003, 44, 1995-2003.	3.8	19
85	Innovative Process for the Synthesis of Nanostructured Ruthenium Catalysts and their Catalytic Performance. Topics in Catalysis, 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. Journal of Wood Chemistry and Technology, 2018, 38, 198-213.	1.7	19
87	Ruthenium <i>p</i>-cymene complexes with Î±-diimine ligands as catalytic precursors for the transfer hydrogenation of ethyl levulinate to Î³-valerolactone. New Journal of Chemistry, 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. Bioresource Technology, 2018, 264, 180-189.	9.6	19
89	Homologation of methyl acetate to ethyl acetate with ruthenium catalysts. Journal of Molecular Catalysis, 1986, 34, 183-194.	1.2	18
90	Novel nickel catalysts based on perfluoroalkyl-Î²-diketone ligands for the selective dimerization of propylene to 2,3-dimethylbutenes. Journal of Organometallic Chemistry, 2001, 622, 286-292.	1.8	18

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91	Ethylene polymerization using novel titanium catalytic precursors bearing <i>N,N</i>â€dialkylcarbamato ligands. Journal of Polymer Science Part A, 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. Journal of Analytical and Applied Pyrolysis, 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. Polymer, 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. Chemosphere, 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?. Catalysts, 2020, 10, 961.	3.5	16
96	Investigating the activation of hydrochar from sewage sludge for the removal of terbuthylazine from aqueous solutions. Journal of Material Cycles and Waste Management, 2020, 22, 1539-1551.	3.0	16
97	Selective dimerization of propylene to 2,3-dimethylbutenes by homogeneous catalysts prepared from halogeno(Î²-dithioacetylacetonato)nickel(II) complexes containing a highly hindered alkyl phosphine ligand and different aluminium co-catalysts. Applied Catalysis A: General, 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. Macromolecular Rapid Communications, 2005, 26, 808-812.	3.9	15
99	Easily available niobium(V) mixed chloroâ€alkoxide complexes as catalytic precursors for ethylene polymerization. Journal of Polymer Science Part A, 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. Journal of Molecular Catalysis A, 2001, 169, 79-88.	4.8	14
101	Room-temperature polymerization of Î²-pinene by niobium and tantalum halides. Catalysis Today, 2012, 192, 177-182.	4.4	14
102	A hybrid polyketoneâ€"SiO2 support for palladium catalysts and their applications in cinnamaldehyde hydrogenation and in 1-phenylethanol oxidation. Applied Catalysis A: General, 2015, 496, 40-50.	4.3	14
103	Utilisation of advanced biofuel in CI internal combustion engine. Fuel, 2021, 297, 120742.	6.4	14
104	Integrated Cascade Process for the Catalytic Conversion of 5â€Hydroxymethylfurfural to Furanic and TetrahydrofuranicDiethers as Potential Biofuels. ChemSusChem, 2022, 15, .	6.8	14
105	Selective propylene dimerization to 2,3-dimethylbutenes by heterogenized polymer-supported Î²-dithioacetylacetonate nickel(II) precursors activated by organoaluminium co-catalysts. Applied Catalysis A: General, 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 Î²-dithioacetylacetonate ligands to nickel(0) complexes. Applied Catalysis A: General, 2001, 207, 387-395.	4.3	13
107	Propylene oligomerization by nickel catalysts in biphasic fluorinated systems. Journal of Molecular Catalysis A, 2002, 178, 9-20.	4.8	13
108	Selective propylene dimerization to 2,3-dimethylbutenes by homogeneous catalysts obtained from bis(Î±-nitroacetophenonate)nickel(II), tricyclohexylphosphine and different organoaluminum compounds. Journal of Molecular Catalysis A, 2001, 169, 19-25.	4.8	12

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109	Catalytic performances of homogeneous systems based on Î±-nitroacetophenonate-nickel(II) complexes and organoaluminium compounds in ethylene oligomerisation. Applied Catalysis A: General, 2001, 216, 1-8.	4.3	12
110	Styrene polymerization by ziegler-natta catalysts based on bis(salicylaldiminate)nickel(II) complexes and methyl aluminoxane. Macromolecular Symposia, 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. Catalysts, 2021, 11, 1291.	3.5	12
112	Sustainable Exploitation of Residual Cynara cardunculus L. to Levulinic Acid and n-Butyl Levulinate. Catalysts, 2021, 11, 1082.	3.5	11
113	Novel polymer-supported Î²-dithioketonate nickel catalysts for selective propylene dimerization. Polymers for Advanced Technologies, 1999, 10, 554-560.	3.2	10
114	Easily accessible oxygenâ€containing derivatives of niobium pentachloride as catalytic precursors for ethylene polymerization. Polymer International, 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. Green Chemistry, 2022, 24, 2882-2892.	9.0	10
116	Novel polymer-supported Î²-diketonate nickel catalysts for Î±-olefin activation. Polymers for Advanced Technologies, 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. Journal of Polymer Science Part A, 2005, 43, 1978-1984.	2.3	9
118	Copper-based magnetic catalysts for alkyne oxidative homocoupling reactions. Molecular Catalysis, 2017, 438, 143-151.	2.0	9
119	Title is missing!. Journal of Inorganic and Organometallic Polymers, 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 <i>N,N</i> -dialkylcarbamato ligands. Polymer International, 2014, 63, 560-567.	3.1	8
121	Chemical and Catalytic Properties of Ruthenium Carbonyl Iodide Systems during Reactions on Oxygenated Substrates. ACS Symposium Series, 1987, , 220-236.	0.5	7
122	Copolymerization of ethylene with a vinyl ether bearing a fluorinated group. Journal of Fluorine Chemistry, 2011, 132, 1207-1212.	1.7	7
123	AQUIVIONÂ® perfluorosulfonic acid resin for butyl levulinate production from furfuryl alcohol. New Journal of Chemistry, 2019, 43, 14694-14700.	2.8	7
124	Catalytic hydrogenation for the industrial synthesis of the Wongâ€™s anthracyclines intermediate. Catalysis Communications, 2006, 7, 896-900.	3.3	6
125	Titanium complexes bearing carbamato ligands as catalytic precursors for propylene polymerization reactions. Journal of Polymer Science Part A, 2013, 51, 4095-4102.	2.3	6
126	Optically active polymers bearing side-chain photochromic moieties: synthesis and chiroptical properties of methacrylic homopolymers with pendanttrans-azobenzene chromophores bound throughL-leucine,L-valine andL-proline amino acid spacers. Macromolecular Chemistry and Physics, 2000, 201, 1540-1551.	2.2	5

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127	Fluoride adducts of niobium(V): Activation reactions and alkene polymerizations. Inorganica Chimica Acta, 2013, 399, 214-218.	2.4	5
128	Thermal and structural investigation of random ethylene/1-hexene copolymers with high 1-hexene content. Journal of Thermal Analysis and Calorimetry, 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(1,5â€cyclooctadiene)nickel(0) and methylaluminoxane. Journal of Polymer Science Part A, 2012, 50, 4459-4464.	2.3	4
130	Designing new catalysts: synthesis of new active structures: general discussion. Faraday Discussions, 2016, 188, 131-159.	3.2	4
131	Selective propylene dimerization to 2,3-dimethylbutenes by homogeneous catalysts prepared by oxidative addition of Î±-nitroketones to nickel(0) complexes in the presence of phosphine ligands and organoaluminium co-catalysts. Applied Catalysis A: General, 2001, 210, 173-180.	4.3	3
132	An Innovative Microwave Process for Nanocatalyst Synthesis. International Journal of Chemical Reactor Engineering, 2010, 8, .	1.1	3
133	Carbon monoxide-ethene copolymerization catalyzed by [PdCl2(dppb)] in H2Oâ€"H(CH2)nCOOH (dppb=1,4-bis(diphenyphosphino)butane; n=0, 1, 2). Journal of Molecular Catalysis A, 2015, 410, 202-208.	4.8	3
134	Oxides as Heterogeneous Promoters for Liquid-Phase Hydrocarbonylation Reactions with Iodocarbonylruthenium Catalysts. Advances in Chemistry Series, 1992, , 309-322.	0.6	2
135	Ethylene polymerization by novel Ziegler-Natta-type catalysts obtainedin situ by the oxidative addition of 8-hydroxyquinoline-based ligands to bis(1,5-cyclooctadiene)nickel(0) and methylaluminoxane. Journal of Polymer Science Part A, 2006, 44, 200-206.	2.3	2
136	Homopolymerization of <i>n</i>â€butyl methacrylate using bis(salicylaldiminate)copper(II)/methylaluminoxane catalysts. Polymer International, 2010, 59, 1148-1153.	3.1	2
137	Bio-additives for CI engines from one-pot alcoholysis reaction of lignocellulosic biomass: an experimental activity. E3S Web of Conferences, 2020, 197, 08005.	0.5	1
138	Hot Research Topics in the Biomass Catalysis Section of the Catalysts Journal in 2018 and 2019. Catalysts, 2021, 11, 153.	3.5	0