

Anna Maria Raspolli Galletti

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

134
papers

4,165
citations

35
h-index

57
g-index

139
ext. papers

4,646
ext. citations

5
avg, IF

5.49
L-index

#	Paper	IF	Citations
134	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
133	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
132	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
131	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
130	Utilisation of advanced biofuel in CI internal combustion engine. <i>Fuel</i> , 2021 , 297, 120742	7.1	2
129	Sustainable Exploitation of Residual <i>Cynara cardunculus</i> L. to Levulinic Acid and n-Butyl Levulinate. <i>Catalysts</i> , 2021 , 11, 1082	4	1
128	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
127	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
126	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
125	One-Pot Alcoholysis of the Lignocellulosic <i>Eucalyptus nitens</i> Biomass to n-Butyl Levulinate, a Valuable Additive for Diesel Motor Fuel. <i>Catalysts</i> , 2020 , 10, 509	4	15
124	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
123	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
122	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	4	13
121	Direct Alcoholysis of Carbohydrate Precursors and Real Cellulosic Biomasses to Alkyl Levulinates: A Critical Review. <i>Catalysts</i> , 2020 , 10, 1221	4	8
120	Hydrothermal Carbonization of Sewage Sludge: Analysis of Process Severity and Solid Content. <i>Chemical Engineering and Technology</i> , 2020 , 43, 2382-2392	2	9
119	AQUIVION [®] perfluorosulfonic acid resin for butyl levulinate production from furfuryl alcohol. <i>New Journal of Chemistry</i> , 2019 , 43, 14694-14700	3.6	5
118	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

117	Phytotoxicity assessment of conventional and biodegradable plastic bags using seed germination test. <i>Ecological Indicators</i> , 2019 , 102, 569-580	5.8	36
116	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
115	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
114	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
113	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
112	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
111	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
110	A Biorefinery Cascade Conversion of Hemicellulose-Free Eucalyptus Globulus Wood: Production of Concentrated Levulinic Acid Solutions for γ -Valerolactone Sustainable Preparation. <i>Catalysts</i> , 2018 , 8, 169	4	21
109	Cascade Strategy for the Tunable Catalytic Valorization of Levulinic Acid and γ -Valerolactone to 2-Methyltetrahydrofuran and Alcohols. <i>Catalysts</i> , 2018 , 8, 277	4	35
108	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
107	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
106	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
105	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
104	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
103	Copper-based magnetic catalysts for alkyne oxidative homocoupling reactions. <i>Molecular Catalysis</i> , 2017 , 438, 143-151	3.3	8
102	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
101	In-depth characterization of valuable char obtained from hydrothermal conversion of hazelnut shells to levulinic acid. <i>Bioresource Technology</i> , 2017 , 244, 880-888	11	31
100	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

99	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	3.2	26
98	Designing new catalysts: synthesis of new active structures: general discussion. <i>Faraday Discussions</i> , 2016 , 188, 131-59	3.6	4
97	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
96	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	8.6	25
95	Sustainable conversion of Pinus pinaster wood into biofuel precursors: A biorefinery approach. <i>Fuel</i> , 2016 , 164, 51-58	7.1	38
94	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
93	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
92	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	2	28
91	NbP catalyst for furfural production: FT IR studies of surface properties. <i>Applied Catalysis A: General</i> , 2015 , 502, 388-398	5.1	25
90	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
89	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
88	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
87	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
86	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
85	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
84	Furfural from corn stover hemicelluloses. A mineral acid-free approach. <i>Green Chemistry</i> , 2014 , 16, 3734-3740		63
83	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
82	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

81	Fluoride adducts of niobium(V): Activation reactions and alkene polymerizations. <i>Inorganica Chimica Acta</i> , 2013 , 399, 214-218	2.7	4
80	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
79	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	5.1	33
78	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
77	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
76	Titanium complexes bearing carbamate ligands as catalytic precursors for propylene polymerization reactions. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 4095-4102	2.5	5
75	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
74	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	5.1	27
73	Room-temperature polymerization of α -pinene by niobium and tantalum halides. <i>Catalysis Today</i> , 2012 , 192, 177-182	5.3	11
72	A sustainable process for the production of γ -valerolactone by hydrogenation of biomass-derived levulinic acid. <i>Green Chemistry</i> , 2012 , 14, 688	10	269
71	LEVULINIC ACID PRODUCTION FROM WASTE BIOMASS. <i>BioResources</i> , 2012 , 7,	1.3	56
70	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
69	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
68	Copolymerization of ethylene with a vinyl ether bearing a fluorinated group. <i>Journal of Fluorine Chemistry</i> , 2011 , 132, 1207-1212	2.1	7
67	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
66	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
65	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
64	Ethylene Polymerization by Niobium(V)N,N-Dialkylcarbamates Activated with Aluminum Co-catalysts. <i>Organometallics</i> , 2011 , 30, 1682-1688	3.8	24

63	An Innovative Microwave Process for Nanocatalyst Synthesis. <i>International Journal of Chemical Reactor Engineering</i> , 2010 , 8,	1.2	3
62	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
61	Niobium complexes as catalytic precursors for the polymerization of olefins. <i>Coordination Chemistry Reviews</i> , 2010 , 254, 525-536	23.2	50
60	Novel highly active niobium catalysts for ring opening metathesis polymerization of norbornene. <i>Macromolecular Rapid Communications</i> , 2009 , 30, 1762-8	4.8	18
59	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
58	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
57	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	2.5	25
56	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
55	Catalytic hydrogenation for the industrial synthesis of the Wong's anthracyclines intermediate. <i>Catalysis Communications</i> , 2006 , 7, 896-900	3.2	6
54	Vinyl Polymerization of Norbornene by Bis(salicylaldiminate)copper(II)/Methylalumoxane Catalysts. <i>Organometallics</i> , 2006 , 25, 3659-3664	3.8	48
53	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
52	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	2.5	32
51	Vinyl polymerization of norbornene by bis(nitro-substituted-salicylaldiminate)nickel(II)/methylaluminoxane catalysts. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 1514-1521	2.5	34
50	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
49	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	4.8	14
48	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		68
47	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
46	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

45	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
44	Ethylene polymerization by bis(salicylaldiminate)nickel(II)/aluminoxane catalysts. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 2534-2542	2.5	29
43	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
42	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
41	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
40	Selective synthesis of isobutanol by means of the Guerbet reaction. <i>Journal of Molecular Catalysis A</i> , 2003 , 200, 137-146		84
39	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
38	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
37	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	2.5	27
36	Highly active methyl methacrylate polymerization catalysts obtained from bis(3,5-dinitro-salicylaldiminate)nickel(II) complexes and methylaluminoxane. <i>Journal of Polymer Science Part A</i> , 2003 , 41, 2117-2124	2.5	30
35	Copolymerization of ethylene with methyl methacrylate by ziegler-natta-type catalysts based on nickel salicylaldiminate/methylalumoxane systems. <i>Macromolecular Chemistry and Physics</i> , 2002 , 203, 1606-1613	2.6	35
34	Propylene oligomerization by nickel catalysts in biphasic fluorinated systems. <i>Journal of Molecular Catalysis A</i> , 2002 , 178, 9-20		13
33	Selective synthesis of isobutanol by means of the Guerbet reaction. <i>Journal of Molecular Catalysis A</i> , 2002 , 184, 273-280		41
32	Ethylene oligomerization by novel catalysts based on bis(salicylaldiminate)nickel(II) complexes and organoaluminum co-catalysts. <i>Applied Catalysis A: General</i> , 2002 , 231, 307-320	5.1	79
31	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
30	Selective propylene dimerization to 2,3-dimethylbutenes by homogeneous catalysts obtained from bis(β-thioacetophenone)nickel(II), tricyclohexylphosphine and different organoaluminum compounds. <i>Journal of Molecular Catalysis A</i> , 2001 , 169, 19-25		10
29	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
28	Novel β-thioacetophenone nickel(II) complexes as homogeneous catalysts for ethylene oligomerization. <i>Applied Catalysis A: General</i> , 2001 , 206, 1-12	5.1	23

27	Improved heterogenized catalysts for selective propylene oligomerization to 2,3-dimethylbutenes prepared by oxidative addition of polymer-anchored β -ketoacetylacetonate ligands to nickel(0) complexes. <i>Applied Catalysis A: General</i> , 2001 , 207, 387-395	5.1	12
26	Selective propylene dimerization to 2,3-dimethylbutenes by homogeneous catalysts prepared by oxidative addition of β -ketoacetylacetonate 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
25	Catalytic performances of homogeneous systems based on β -ketoacetophenonate-nickel(II) complexes and organoaluminium compounds in ethylene oligomerisation. <i>Applied Catalysis A: General</i> , 2001 , 216, 1-8	5.1	10
24	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	4.8	25
23	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
22	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
21	Selective propylene dimerization to 2,3-dimethylbutenes by heterogenized polymer-supported β -ketoacetylacetonate nickel(II) precursors activated by organoaluminium co-catalysts. <i>Applied Catalysis A: General</i> , 2000 , 204, 7-18	5.1	12
20	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
19	Selective dimerization of propylene to 2,3-dimethylbutenes by homogeneous catalysts prepared from halogeno(β -ketoacetylacetonato)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
18	1,3-butadiene telomerization with methanol catalyzed by heterogenized palladium complexes. <i>Journal of Molecular Catalysis A</i> , 1999 , 137, 49-63		20
17	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		31
16	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
15	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		26
14	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
13	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
12	Novel polymer-supported β -diketonate nickel catalysts for selective propylene dimerization. <i>Polymers for Advanced Technologies</i> , 1999 , 10, 554-560	3.2	10
11	Novel polymer-supported β -diketonate nickel catalysts for β -olefin activation. <i>Polymers for Advanced Technologies</i> , 1998 , 9, 113-120	3.2	9
10	Selective synthesis of octadienyl and butenyl ethers via reaction of 1,3-butadiene with alcohols catalyzed by homogeneous palladium complexes. <i>Journal of Molecular Catalysis A</i> , 1998 , 129, 179-189		34

9	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
8	Synthesis, structural characterization and electrical properties of highly conjugated soluble poly(furan)s. <i>Polymer</i> , 1997 , 38, 4973-4982	3.9	21
7	Methanol carbonylation to methyl formate catalyzed by strongly basic resins. <i>Catalysis Letters</i> , 1996 , 38, 127-131	2.8	19
6	Supported transition metal complexes for ethylene polymerization. <i>Journal of Molecular Catalysis A</i> , 1996 , 107, 113-121		18
5	Oxides as Heterogeneous Promoters for Liquid-Phase Hydrocarbonylation Reactions with Iodocarbonylruthenium Catalysts. <i>Advances in Chemistry Series</i> , 1992 , 309-322		2
4	Anionic ruthenium iodocarbonyl complexes as selective dehydroxylation catalysts in aqueous solution. <i>Journal of Organometallic Chemistry</i> , 1991 , 417, 41-49	2.3	53
3	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
2	Homologation of methyl acetate to ethyl acetate with ruthenium catalysts. <i>Journal of Molecular Catalysis</i> , 1986 , 34, 183-194		18
1	Homologation of methyl acetate to ethyl acetate with ruthenium catalysts. <i>Journal of Molecular Catalysis</i> , 1985 , 32, 291-308		20