

Claudio Pellecchia

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.

139
papers

4,923
citations

40
h-index

62
g-index

148
ext. papers

5,330
ext. citations

4.7
avg, IF

5.45
L-index

#	Paper	IF	Citations
139	Tunable In-Chain and At the End of the Branches Methyl Acrylate Incorporation in the Polyolefin Skeleton through Pd(II) Catalysis. <i>ACS Catalysis</i> , 2022 , 12, 3430-3443	13.1	2
138	Imidazo-pyridine-based zinc(II) complexes as fluorescent hydrogen sulfide probes. <i>Dalton Transactions</i> , 2021 , 50, 17075-17085	4.3	3
137	Iminopyridine Ni(II) Catalysts Affording Oily Hyperbranched Ethylene Oligomers and/or Crystalline Polyethylenes Depending on the Reaction Conditions: Possible Role of In Situ Catalyst Structure Modifications. <i>Macromol</i> , 2021 , 1, 121-129		0
136	Guanidinate Zn(II) Complexes as Efficient Catalysts for Lactide Homo- and Copolymerization under Industrially Relevant Conditions. <i>ACS Applied Polymer Materials</i> , 2021 , 3, 4035-4043	4.3	3
135	The contribution of metalloporphyrin complexes in molecular sensing and in sustainable polymerization processes: a new and unique perspective. <i>Dalton Transactions</i> , 2021 , 50, 7898-7916	4.3	1
134	Tuning the thermal properties of poly(ethylene)-like poly(esters) by copolymerization of ϵ -caprolactone with macrolactones, in the presence of a pyridylamidozinc(II) complex. <i>Journal of Polymer Science</i> , 2020 , 58, 528-539	2.4	4
133	Reactivity of monohydrogensulfide with a suite of pyridoxal-based complexes: A combined NMR, ESI-MS, UV-visible and fluorescence study. <i>Inorganica Chimica Acta</i> , 2020 , 501, 119235	2.7	7
132	Fluorescent -type Zn(II) Complexes As Probes for Detecting Hydrogen Sulfide and Its Anion: Bioimaging Applications. <i>Inorganic Chemistry</i> , 2020 , 59, 15977-15986	5.1	18
131	Synthesis of bio-based polymacrolactones with pendant eugenol moieties as novel antimicrobial thermoplastic materials. <i>Reactive and Functional Polymers</i> , 2020 , 155, 104714	4.6	4
130	Copolymerization of Ethylene and Methyl Acrylate by Pyridylimino Ni(II) Catalysts Affording Hyperbranched Poly(ethylene-co-methyl acrylate)s with Tunable Structures of the Ester Groups. <i>Macromolecules</i> , 2020 , 53, 9294-9305	5.5	7
129	Salen-type aluminum and zinc complexes as two-faced Janus compounds: contribution to molecular sensing and polymerization catalysis. <i>Dalton Transactions</i> , 2020 , 49, 16533-16550	4.3	17
128	Palladium-Catalyzed Ethylene/Methyl Acrylate Copolymerization: Moving from the Acenaphthene to the Phenanthrene Skeleton of Diimine Ligands. <i>Organometallics</i> , 2019 , 38, 3498-3511	3.8	18
127	Tetracoordinate aluminum complexes bearing phenoxy-based ligands as catalysts for epoxide/anhydride copolymerization: some mechanistic insights. <i>Catalysis Science and Technology</i> , 2019 , 9, 3090-3098	5.5	9
126	Tailor-made block copolymers of L-, D- and γ -lactides and ϵ -caprolactone one-pot sequential ring opening polymerization by pyridylamidozinc(ii) catalysts.. <i>RSC Advances</i> , 2019 , 9, 32771-32779	3.7	11
125	Azurin and HS ⁻ Towards Implementation of a Sensor for HS ⁻ Detection. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 885-891	2.3	11
124	Interaction of monohydrogensulfide with a family of fluorescent pyridoxal-based Zn(ii) receptors. <i>Dalton Transactions</i> , 2018 , 47, 17392-17400	4.3	18
123	Alternating Copolymerization of CO ₂ and Cyclohexene Oxide by New Pyridylamidozinc(II) Catalysts. <i>Macromolecules</i> , 2018 , 51, 9871-9877	5.5	10

122	Chemically reversible binding of HS to a zinc porphyrin complex: towards implementation of a reversible sensor via a "coordinative-based approach". <i>Dalton Transactions</i> , 2017 , 46, 1872-1877	4.3	30
121	Modern fluorescence-based concepts and methods to study biomolecular interactions. <i>Molecular Systems Design and Engineering</i> , 2017 , 2, 123-132	4.6	6
120	Ring-Opening Copolymerization of Epoxides with Cyclic Anhydrides Promoted by Bimetallic and Monometallic Phenoxyimine Aluminum complexes. <i>ChemCatChem</i> , 2017 , 9, 2972-2979	5.2	28
119	Synthesis of hyperbranched low molecular weight polyethylene oils by an iminopyridine nickel(II) catalyst. <i>Polymer Chemistry</i> , 2017 , 8, 6443-6454	4.9	21
118	Efficient Modulation of Polyethylene Microstructure by Proper Activation of (E)DiimineNi(II) Catalysts: Synthesis of Well-Performing Polyethylene Elastomers. <i>Macromolecules</i> , 2017 , 50, 6586-6594	5.5	16
117	New homoleptic bis(pyrrolylpyridylimino) Mg(ii) and Zn(ii) complexes as catalysts for the ring opening polymerization of cyclic esters via an "activated monomer" mechanism. <i>Dalton Transactions</i> , 2017 , 46, 12217-12225	4.3	20
116	Solution Structure and Reactivity with Metallocenes of AlMe F: Mimicking Cation-Anion Interactions in Metallocenium-Methylalumoxane Inner-Sphere Ion Pairs. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14227-14231	16.4	16
115	A Cyclam-Based Fluorescent Ligand as a Molecular Beacon for Cu ²⁺ and H ₂ S Detection. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 3900-3907	2.3	9
114	Solution Structure and Reactivity with Metallocenes of AlMe ₂ F: Mimicking Cation-Anion Interactions in Metallocenium-Methylalumoxane Inner-Sphere Ion Pairs. <i>Angewandte Chemie</i> , 2017 , 129, 14415-14419	3.6	6
113	Zinc (II) porphyrins as viable scaffolds to stabilize hydrogen sulfide binding at the metal center. <i>Inorganica Chimica Acta</i> , 2017 , 466, 426-431	2.7	12
112	Preparation of poly(glycolide-co-lactide)s through a green process: Analysis of structural, thermal, and barrier properties. <i>Reactive and Functional Polymers</i> , 2016 , 109, 70-78	4.6	13
111	Influence of coordinated ligands in a series of inorganic cobaloximes. <i>Inorganica Chimica Acta</i> , 2016 , 444, 202-208	2.7	6
110	Metal complexes as fluorescent probes for sensing biologically relevant gas molecules. <i>Coordination Chemistry Reviews</i> , 2016 , 318, 16-28	23.2	66
109	Ring-opening polymerization of ε-hexadecenolactone by a salicylaldiminato aluminum complex: a route to semicrystalline and functional poly(ester)s. <i>Polymer Chemistry</i> , 2015 , 6, 1727-1740	4.9	25
108	Organometallic sulfur complexes: reactivity of the hydrogen sulfide anion with cobaloximes. <i>New Journal of Chemistry</i> , 2015 , 39, 4093-4099	3.6	25
107	Ring-opening homo- and co-polymerization of lactides and ε-caprolactone by salalen aluminum complexes. <i>Dalton Transactions</i> , 2015 , 44, 2157-65	4.3	68
106	A Copper Porphyrin for Sensing H ₂ S in Aqueous Solution via a Coordinative-Based Approach. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 2272-2276	2.3	35
105	Copolymerization and terpolymerization of glycolide with lactones by dimethyl(salicylaldiminato)aluminum compounds. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	8

104	Phosphido-diphosphine pincer aluminum complexes as catalysts for ring opening polymerization of cyclic esters. <i>Journal of Polymer Science Part A</i> , 2014 , 52, 49-60	2.5	11
103	Versatile Copolymerization of Glycolide and rac-Lactide by Dimethyl(salicylaldiminato)aluminum Compounds. <i>Macromolecules</i> , 2014 , 47, 534-543	5.5	76
102	NMR spectroscopy and X-ray characterisation of cationic N-heteroaryl-pyridylamido Zr(IV) complexes: a further level of complexity for the elusive active species of pyridylamido olefin polymerisation catalysts. <i>Chemistry - A European Journal</i> , 2014 , 20, 232-44	4.8	21
101	Therapeutic potential of a pyridoxal-based vanadium(IV) complex showing selective cytotoxicity for cancer versus healthy cells. <i>Journal of Cellular Physiology</i> , 2013 , 228, 2202-9	7	39
100	Isospecific polymerization of propene by new indolyl-pyridylamido Zr(IV) catalysts. <i>Journal of Molecular Catalysis A</i> , 2013 , 370, 28-34		9
99	Ring-opening polymerization of cyclic esters by phenoxy-thioether complexes derived from biocompatible metals. <i>Dalton Transactions</i> , 2013 , 42, 13036-47	4.3	25
98	Iron and manganese pyridoxal-based complexes as fluorescent probes for nitrite and nitrate anions in aqueous solution. <i>Inorganic Chemistry</i> , 2013 , 52, 11778-86	5.1	32
97	Rare earth complexes of phenoxy-thioether ligands: synthesis and reactivity in the ring opening polymerization of cyclic esters. <i>Dalton Transactions</i> , 2013 , 42, 9338-51	4.3	22
96	Ring-opening polymerization of ϵ -caprolactone and lactides promoted by salan- and salen-type yttrium amido complexes. <i>Journal of Molecular Catalysis A</i> , 2013 , 379, 303-308		10
95	Ring-Opening Polymerization of Racemic β -Butyrolactone Promoted by Salan- and Salen-Type Yttrium Amido Complexes. <i>Macromolecular Chemistry and Physics</i> , 2013 , 214, 1965-1972	2.6	16
94	Bi-enzyme sensor for phenolic compounds with fluorescent read-out. <i>Chemistry - A European Journal</i> , 2013 , 19, 14977-82	4.8	4
93	Coordination chemistry and reactivity of zinc complexes supported by a phosphido pincer ligand. <i>Chemistry - A European Journal</i> , 2012 , 18, 2349-60	4.8	55
92	Polymerization of ϵ -caprolactone by sodium hydride: From the synthesis of the polymer samples to their thermal, mechanical and barrier properties. <i>Reactive and Functional Polymers</i> , 2012 , 72, 752-756	4.6	11
91	Anilidopyridyl-Pyrrolide and Anilidopyridyl-Indolide Group 3 Metal Complexes: Highly Active Initiators for the Ring-Opening Polymerization of rac-Lactide. <i>Organometallics</i> , 2012 , 31, 1180-1188	3.8	45
90	New Titanium and Hafnium Complexes Bearing β -Pyrrolylpyridylamido Ligands as Olefin Polymerization Catalysts. <i>Organometallics</i> , 2012 , 31, 6772-6778	3.8	36
89	Selective detection of ATP and ADP in aqueous solution by using a fluorescent zinc receptor. <i>Chemical Communications</i> , 2012 , 48, 11419-21	5.8	41
88	A FRET enzyme-based probe for monitoring hydrogen sulfide. <i>Inorganic Chemistry</i> , 2012 , 51, 11220-2	5.1	47
87	Random Copolymerization of ϵ -Caprolactone and Lactides Promoted by Pyrrolylpyridylamido Aluminum Complexes. <i>Macromolecules</i> , 2012 , 45, 8614-8620	5.5	82

86	D-serine-dehydratase from <i>Saccaromyces cerevisiae</i> : a pyridoxal 5'- phosphate-dependent enzyme for advanced biotech applications. <i>Protein and Peptide Letters</i> , 2012 , 19, 592-5	1.9	2
85	Fluorescence-based biosensors. <i>Methods in Molecular Biology</i> , 2012 , 875, 193-216	1.4	40
84	Heteroscorpionate-based Co ²⁺ , Zn ²⁺ , and Cu ²⁺ complexes: coordination behavior, aerobic oxidation, and hydrogen sulfide detection. <i>Inorganic Chemistry</i> , 2011 , 50, 900-10	5.1	31
83	New (Anilidomethyl)pyridine Titanium(IV) and Zirconium(IV) Catalyst Precursors for the Highly Chemo- and Stereoselective cis-1,4-Polymerization of 1,3-Butadiene. <i>Macromolecules</i> , 2011 , 44, 1934-1947	5.5	39
82	Absorption into fluorescence. A method to sense biologically relevant gas molecules. <i>Nanoscale</i> , 2011 , 3, 298-302	7.7	18
81	Synthesis and olefin polymerization activity of (quinolin-8-ylamino)phenolate and (quinolin-8-ylamido)phenolate Group 4 metal complexes. <i>Journal of Molecular Catalysis A</i> , 2011 , 351, 112-119		13
80	Ring-opening polymerization of cyclic esters promoted by phosphido-diphosphine pincer group 3 complexes. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 403-413	2.5	37
79	Group 4 metal bis(chelate) complexes of 2-anilidomethylpyridine ligands: Synthesis and catalytic activity for olefin polymerization. <i>Journal of Molecular Catalysis A</i> , 2011 , 337, 1-8		10
78	Myoglobin as a new fluorescence probe to sense H ₂ S. <i>Protein and Peptide Letters</i> , 2011 , 18, 282-6	1.9	38
77	C ₁ -Symmetric Pentacoordinate Anilidopyridylpyrrolide Zirconium(IV) Complexes as Highly Isospecific Olefin Polymerization Catalysts. <i>Macromolecules</i> , 2010 , 43, 8887-8891	5.5	24
76	Correlations between microstructural characterization and thermal properties of well defined poly(ϵ -caprolactone) samples by ring opening polymerization with neutral and cationic bis(2,4,6-triisopropylphenyl)tin(IV) compounds. <i>Reactive and Functional Polymers</i> , 2010 , 70, 151-158	4.6	11
75	A FRET-based biosensor for NO detection. <i>Journal of Inorganic Biochemistry</i> , 2010 , 104, 619-24	4.2	22
74	Phosphido-diphosphine pincer group 3 complexes as efficient initiators for lactide polymerization. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 1374-1382	2.5	37
73	Polymerization of α -olefins promoted by zirconium complexes bearing bis(phenoxy-imine) ligands with ortho-phenoxy halogen substituents. <i>Journal of Molecular Catalysis A</i> , 2009 , 297, 9-17		18
72	Mechanism of stereospecific polymerization of α -olefins by late-transition metal and octahedral group 4 metal catalysts. <i>Coordination Chemistry Reviews</i> , 2009 , 253, 2082-2097	23.2	53
71	Isotactic-Specific Polymerization of Propene by a Cs-Symmetric Zirconium(IV) Complex Bearing a Dianionic Tridentate [N ₂ NN]Amidomethylpyrrolidepyridine Ligand. <i>Macromolecules</i> , 2009 , 42, 5572-5578	5.5	33
70	Reactivity of a Cationic Alkyl Amino-Functionalized Cyclopentadienyl Aluminum Compound with Olefins: NMR Observation and Computational Investigation of the Single Propene Insertion Product into an Al-C Bond. <i>Organometallics</i> , 2009 , 28, 2554-2562	3.8	9
69	Bis[(amidomethyl)pyridine] Zirconium(IV) Complexes: Synthesis, Characterization, and Activity as Olefin Polymerization Catalysts] <i>Organometallics</i> , 2009 , 28, 688-697	3.8	27

68	Group 4 bis(chelate) metal complexes of monoanionic bidentate [E,O-] ligands (E = O, S): synthesis and application as alpha-olefin polymerization catalysts. <i>Dalton Transactions</i> , 2009 , 8831-7	4.3	16
67	Living Ring-Opening Homo- and Copolymerization of ϵ -Caprolactone and l- and d,l-Lactides by Dimethyl(salicylaldiminato)aluminum Compounds. <i>Macromolecules</i> , 2009 , 42, 6056-6062	5.5	166
66	Phosphido Pincer Complexes of Palladium as New Efficient Catalysts for Allylation of Aldehydes. <i>Organometallics</i> , 2008 , 27, 5741-5743	3.8	48
65	A Comparative Study on the Polymerization of α -Olefins Catalyzed by Salen and Salan Zirconium Complexes. <i>Macromolecular Chemistry and Physics</i> , 2008 , 209, 585-592	2.6	21
64	Octahedral Alkylbis(phenoxy-imine)tin(IV) Complexes: Effect of Substituents on the Geometry of the Complexes and Their Reactivity Toward Ionizing Species and Ethylene. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 5752-5759	2.3	7
63	Stereospecific and Stereoselective Polymerization of 4-Methyl-1-hexene by Enantiomeric Binaphthyl-Bridged Salen Dichlorozirconium (IV) Complexes. <i>Macromolecular Rapid Communications</i> , 2007 , 28, 1912-1917	4.8	7
62	Ring-Opening Polymerization of ϵ -Caprolactone by Benzylalkoxybis(2,4,6-triisopropylphenyl)tin Compounds: Observation of the Insertion Product into the Sn-Me Bond. <i>Macromolecules</i> , 2007 , 40, 1886-1890	5.5	28
61	Polymerization of ethylene and propene promoted by binaphthyl-bridged Schiff base complexes of titanium. <i>Journal of Molecular Catalysis A</i> , 2006 , 258, 284-291		27
60	Phenoxyaldimine and Phenoxyketimine Titanium Complexes in Propene Polymerization. A Different Effect of o-Phenoxy Halide Substituents. <i>Macromolecules</i> , 2006 , 39, 7812-7820	5.5	28
59	Bis(2,4,6-triisopropylphenyl)tin(IV) compounds: Synthesis, single-crystal X-ray characterization and reactivity toward ionizing species and polar monomers. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 1505-1514	2.3	6
58	Tridentate [N,N,O] Schiff-base group 4 metal complexes: Synthesis, structural characterization and reactivity in olefin polymerization. <i>Journal of Molecular Catalysis A</i> , 2006 , 258, 275-283		36
57	An efficient solvent free catalytic oxidation of sulfides to sulfoxides with hydrogen peroxide catalyzed by a binaphthyl-bridged Schiff base titanium complex. <i>Tetrahedron Letters</i> , 2006 , 47, 7233-7235		37
56	New anilinetropone-based titanium complexes: synthesis, characterization and application as catalysts for olefin polymerization. <i>Dalton Transactions</i> , 2005 , 3025-31	4.3	11
55	Octahedral Bis(phenoxy-imine)tin(IV) Alkyl Complexes: Synthesis, Characterization, and Reactivity toward Ionizing Species and Ethylene. <i>Organometallics</i> , 2005 , 24, 1947-1952	3.8	15
54	(E/Z) Selectivity in the Polymerization of 2-Butene Promoted by Ni(II) Brookhart-Type Catalysts. <i>Macromolecules</i> , 2005 , 38, 2072-2075	5.5	16
53	A Binaphthyl-Bridged Salen Zirconium Catalyst Affording Atactic Poly(propylene) and Isotactic Poly(α -olefins). <i>Macromolecular Rapid Communications</i> , 2005 , 26, 1866-1871	4.8	43
52	Synthesis, crystal structure and application in regio- and stereoselective epoxidation of allylic alcohols of a titanium binaphthyl-bridged Schiff base complex. <i>Journal of Molecular Catalysis A</i> , 2005 , 235, 253-259		16
51	Neutral and Cationic Methylaluminum Complexes of 2-Anilinetropone Ligands: Synthesis, Characterization, and Reactivity toward Ethylene. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 1292-1298	2.3	26

50	Effects of the Reaction Conditions on the Syndiospecific Polymerization of Propene Promoted by Bis(phenoxyimine) Titanium Catalysts. <i>Macromolecular Chemistry and Physics</i> , 2004 , 205, 486-491	2.6	11
49	Bis(phenoxyimine)zirconium and -titanium Catalysts Affording Prevaillingly Syndiotactic Polypropylenes via Opposite Modes of Monomer Insertion \square <i>Macromolecules</i> , 2004 , 37, 276-282	5.5	31
48	Polymerization of propene by post-metallocene catalysts. <i>Macromolecular Symposia</i> , 2004 , 213, 235-252	0.8	12
47	Polymerization of Conjugated Dienes Promoted by Bis(phenoxyimino)titanium Catalysts. <i>Macromolecules</i> , 2003 , 36, 9260-9263	5.5	28
46	New Neutral and Cationic Dialkylaluminium Complexes Bearing Imino-Amide or Imino-Phenoxide Ligands: Synthesis, Characterization and Reactivity With Olefins. <i>European Journal of Inorganic Chemistry</i> , 2002 , 2002, 621-628	2.3	45
45	Syndiospecific Polymerization of Propene Promoted by Bis(salicylaldiminato)titanium Catalysts: Regiochemistry of Monomer Insertion and Polymerization Mechanism. <i>Macromolecules</i> , 2002 , 35, 658-663	5.5	83
44	Mechanism of Unlike Stereoselectivity in 1-Alkene Primary Insertions: \square Syndiospecific Propene Polymerization by Brookhart-Type Nickel(II) Catalysts. <i>Organometallics</i> , 2000 , 19, 1343-1349	3.8	26
43	Some Evidence of a Dual Stereodifferentiation Mechanism in the Polymerization of Propene by \square Diimine Nickel Catalysts. <i>Macromolecules</i> , 2000 , 33, 9483-9487	5.5	61
42	Selective Co-oligomerization of Ethylene and Styrenes by Half-Titanocene Catalysts and Synthesis of Polyethylenes with 4-Aryl-1-butyl Branches. <i>Macromolecules</i> , 2000 , 33, 2807-2814	5.5	43
41	Ethylene \square Styrene Copolymerization. <i>Rubber Chemistry and Technology</i> , 1999 , 72, 553-558	1.7	26
40	Syndiotactic-specific polymerization of styrene: catalyst structure and polymerization mechanism. <i>Topics in Catalysis</i> , 1999 , 7, 125-132	2.3	63
39	Synthesis of 4-phenylbutyl-branched polyethylene from an ethylene-styrene feed by a half-titanocene catalyst. <i>Macromolecular Rapid Communications</i> , 1999 , 20, 337-340	4.8	13
38	Branched Polyethylene Produced by a Half-Titanocene Catalyst. <i>Macromolecules</i> , 1999 , 32, 4491-4493	5.5	46
37	Isotactic-specific polymerization of propene with an iron-based catalyst: polymer end groups and regiochemistry of propagation. <i>Macromolecular Rapid Communications</i> , 1998 , 19, 651-655	4.8	67
36	Syndiotactic-specific polymerization of propene with Nickel-based catalysts. 3. Polymer end-groups and regiochemistry of propagation. <i>Journal of Molecular Catalysis A</i> , 1998 , 128, 229-237		45
35	Isotactic-specific polymerization of propene with an iron-based catalyst: polymer end groups and regiochemistry of propagation 1998 , 19, 651		2
34	Polymerization of ethylene with nickel \square diimine catalysts. <i>Macromolecular Rapid Communications</i> , 1997 , 18, 1017-1023	4.8	55
33	Alternating Ethylene \square Styrene Copolymerization with a Methylaluminoxane-Free Half-Titanocene Catalyst. <i>Macromolecules</i> , 1996 , 29, 1158-1162	5.5	88

32	Syndiotactic-Specific Polymerization of Propene with Nickel-Based Catalysts. 2. Regiochemistry and Stereochemistry of the Initiation Steps. <i>Macromolecules</i> , 1996 , 29, 6990-6993	5.5	45
31	Syndiotactic-specific polymerization of propene with a Ni-based catalyst. <i>Macromolecular Rapid Communications</i> , 1996 , 17, 333-338	4.8	74
30	Cationic zirconium benzyl complexes as catalysts for olefin polymerization: A comparison among dicyclopentadienyl, monocyclopentadienyl and Cp-free derivatives. <i>Macromolecular Symposia</i> , 1995 , 89, 335-344	0.8	2
29	.eta.5-C5Me5TiMe3-B(C6F5)3: A true Ziegler-Natta catalyst for the syndiotactic-specific polymerization of styrene. <i>Journal of the American Chemical Society</i> , 1995 , 117, 6593-6594	16.4	112
28	Regiospecificity of Ethylene-Styrene Copolymerization with a Homogeneous Zirconocene Catalyst. <i>Macromolecules</i> , 1995 , 28, 4665-4667	5.5	71
27	Mechanism of syndiotactic-specific polymerization of styrene. <i>Macromolecular Symposia</i> , 1995 , 89, 373-382		27
26	A combined NMR and electron spin resonance investigation of the (C5(CH3)5)Ti(CH2C6H5)3/B(C6F5)3 catalytic system active in the syndiospecific styrene polymerization. <i>Macromolecular Chemistry and Physics</i> , 1995 , 196, 1093-1100	2.6	60
25	Single insertion of propene into a cationic zirconium(IV) complex: Isolation and X-ray crystal structure of [(C5Me5)Zr(CH2CHMeCH2Ph)(CH2Ph)]-[B(CH2Ph)(C6F5)3]. <i>Journal of Organometallic Chemistry</i> , 1994 , 479, c9-c11	2.3	26
24	A Novel .eta.7 Coordination Mode of a Benzyl Ligand in a Cationic Zirconium Complex. <i>Organometallics</i> , 1994 , 13, 3773-3775	3.8	57
23	Single insertion of .alpha.-olefins into the cationic complex [Zr(CH2Ph)3]+ affording isolable [Zr(CH2Ph)2(CH2CHRCH2Ph)]+ adducts: a model for the insertion mechanism in Ziegler-Natta polymerization. <i>Organometallics</i> , 1994 , 13, 298-302	3.8	38
22	20. Copolymerization of Hydrocarbon Monomers in the Presence of CpTiCl3 - MAO: Some Information on the Reaction Mechanism from Kinetic Data and Model Compounds. <i>Studies in Surface Science and Catalysis</i> , 1994 , 89, 209-219	1.8	3
21	Isolation of a single-insertion intermediate in the catalytic polymerization of propene by a cationic tris(hydrocarbyl) zirconium complex. <i>Journal of the Chemical Society Chemical Communications</i> , 1993 , 947		16
20	Synthesis, crystal structure, and olefin polymerization activity of a zwitterionic .eta.6-arene zirconium tris(hydrocarbyl). <i>Journal of the American Chemical Society</i> , 1993 , 115, 1160-1162	16.4	141
19	Base-free cationic mono(cyclopentadienyl)zirconium complexes: synthesis, structural characterization, and catalytic activity in olefin polymerization. <i>Organometallics</i> , 1993 , 12, 4473-4478	3.8	130
18	Classical and metallocene catalytic systems: Comparison between the stereochemical mechanisms of olefin polymerization. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1993 , 66, 1-10		4
17	Non-metallocene group 4 organometallic complexes as catalysts for olefin polymerization: synthesis and catalytic activity of the cationic complex [Zr(CH2Ph)3]+ [B(CH2Ph)(C6F5)3]. <i>Journal of Molecular Catalysis</i> , 1993 , 82, 57-65		31
16	Copolymerization of styrene and isoprene: an insight into the mechanism of syndiospecific styrene polyinsertion. <i>Macromolecules</i> , 1992 , 25, 4450-4452	5.5	55
15	Novel aluminoxane-free catalysts for syndiotactic-specific polymerization of styrene. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1992 , 13, 265-268		78

14	Polymerization of ethylene and propene in the presence of organometallic compounds of titanium and zirconium activated with tris(pentafluorophenyl)boron. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1992 , 13, 277-281		60
13	Stereospecific polymerization of 1-olefins and styrene in the presence of homogeneous catalysts. <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1991 , 48-49, 297-316		37
12	Catalysts for syndiotactic-specific polymerization of styrene: A tentative interpretation of some experimental data. <i>Die Makromolekulare Chemie</i> , 1991 , 192, 223-231		124
11	Group 4 transition metal complex cations for olefin polymerization. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1991 , 12, 663-667		28
10	Polymerization of 1,3-alkadienes in the presence of Ni- and Ti-based catalytic systems containing methylalumoxane. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1990 , 11, 519-524		102
9	Isotactic-specific polymerization of propene with supported catalysts in the presence of different modifiers. <i>Macromolecules</i> , 1990 , 23, 2904-2907	5.5	51
8	Behaviour of homogenous catalysts for propene polymerization in methylene chloride. <i>Die Makromolekulare Chemie</i> , 1989 , 190, 2357-2361		37
7	Soluble catalysts for syndiotactic polymerization of styrene. <i>Macromolecules</i> , 1989 , 22, 2129-2130	5.5	118
6	Preliminary kinetic investigation on syndiotactic polymerization of styrene. <i>Macromolecules</i> , 1989 , 22, 1642-1645	5.5	24
5	Isotactic polypropylene by polymerization of propene in the presence of some achiral soluble transition metal compounds and methylaluminoxane. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1988 , 9, 51-55		21
4	.beta.-Hydrogen abstraction and regiospecific insertion in syndiotactic polymerization of styrene. <i>Macromolecules</i> , 1987 , 20, 2035-2037	5.5	175
3	Carbon-13 enriched end groups of isotactic polypropylene and poly(1-butene) prepared in the presence of ethylenediindenyl dimethyltitanium and methylalumoxane. <i>Macromolecules</i> , 1987 , 20, 1015-1018	5.5	104
2	Synthesis of highly syndiotactic polystyrene with organometallic catalysts and monomer insertion. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1987 , 8, 277-279		163
1	SECONDARY ENAMINES AS LIGANDS. I. SYNTHESIS AND CHARACTERIZATION OF COMPLEXES OF GROUP VIII METALS WITH 2-(2-PYRIDINYLMETHYL)AMINO-3-(2-PYRIDINYLMETHYLENE)AMINO-2-BUTENEDINITRILE (PPH). CRYSTAL STRUCTURE OF THE IRON(III) COMPLEX $[Fe((PP)2H)]PF_6 \cdot 2H_2O$. <i>Journal of Coordination Chemistry</i> , 1986 , 14, 191-200	1.6	4