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Stereospecific Olefin Polymerization with Chiral Metallocene Catalysts

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2298	Reaktion von (Butadien)zirconocen mit Tris(pentafluorphenyl)boran æin neuer Weg zur Herstellung Alumoxan-freier Metallocen-Ziegler-Katalysatoren. <i>Angewandte Chemie</i> , <b>1995</b> , 107, 1867-1	<del>9</del> 58	64
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2188	Structure and Reactivity of Chelating ImidoAmido Complexes of Tantalum. Mechanistic Studies on the Addition of Silanes to TaN Multiple Bonds. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 12831-12841	16.4	84
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2184	Transition metals in organic synthesis. Highlights for the year 1995. <b>1997</b> , 161, 129-255		23
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2182	Spectroscopic studies on complexes of magnesium (II) with C2-chiral bis-oxazolines. <b>1997</b> , 53, 1713-1717	7	4
2181	Functional surface groups for single-site heterogeneous ⊞-olefin polymerization catalysts. <b>1997</b> , 121-122, 372-377		23
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2162	Synthese und charakterisierung von bis(fluorenyl)komplexen des zirconiums und hafniums und deren anwendung bei der katalytischen olefinpolymerisation. <i>Journal of Organometallic Chemistry</i> , <b>1997</b> , 544, 115-119	2.3	12	
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2154	Sieben doppelt verbräkte Ferroceneinheiten in einem Ring. <i>Angewandte Chemie</i> , <b>1997</b> , 109, 384-386	3.6	35
2153	Chirale Erkennung in EKomplexen von Alkenen, Aldehyden und Ketonen mit Bergangsmetall-Lewis-Süren; Entwicklung eines allgemeinen Modells filenantiofaciale Komplexierungsselektivitien. <i>Angewandte Chemie</i> , <b>1997</b> , 109, 566-602	3.6	30
2152	Aktivierung von Ti-F-Bindungen in [{C5Me5TiOF}4] und [{C5Me4EtTiOF}4] mit AlMe3. <i>Angewandte Chemie</i> , <b>1997</b> , 109, 1846-1847	3.6	14
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2143	Cis- and trans-titanium complexes with doubly silyl-bridged dicyclopentadienyl ligands: molecular structure of [(TiCl)2(EO){(SiMe2)2(E-C5H3)2}]2(EO)2. <b>1998</b> , 280, 1-7		11
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2137	Regioselectivity of MAO-catalyzed allylmetallation of conjugated enynes with allylzirconiums. <b>1998</b> , 39, 9727-9730		16	
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2129	Aminoethyl-Functionalized Cyclopentadienyl Complexes of d-Block Elements. <i>European Journal of Inorganic Chemistry</i> , <b>1998</b> , 1998, 663-674	2.3	125	
2128	How to Derive Force Field Parameters by Genetic Algorithms: Modelling tripod-Mo(CO)3 Compounds as an Example. <i>European Journal of Inorganic Chemistry</i> , <b>1998</b> , 1998, 693-702	2.3	28	
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2122	Synthese eines Ansa-Zirconocens <b>B</b> er eine neue S4-symmetrische Spirobis(silastannaindacen)-Verbindung. <i>Angewandte Chemie</i> , <b>1998</b> , 110, 2378-2380	3.6	4	
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2112	Selbstimmobilisierende Metallocenkatalysatoren. <i>Journal of Organometallic Chemistry</i> , <b>1998</b> , 553, 205-2	2203	78
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2087	Triazamethylenemethane complexes of zirconium and tantalum. 1998, 128, 5-28		6
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2081	Chelating diamide complexes of titanium: new catalyst precursors for the highly active and living polymerization of ⊞-olefins. <b>1998</b> , 128, 201-214		64
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2079	New bridged zirconocenes for olefin polymerization: Binuclear and hybrid structures. <b>1998</b> , 128, 279-287	,	52
2078	Catalytic polymerization of propylene by heterobimetallic bridged early/late transition metal complexes. <b>1998</b> , 129, 191-198		16
2077	Metallocene analogues containing bulky heteroallylic ligands and their use as new olefin polymerization catalysts. <b>1998</b> , 130, 149-162		89
2076	Synthesis of titanium(IV) complexes that contain the Bis(silylamide) ligand of the type [1,8-C10H6(NR)2]2[Jand alkene polymerization catalyzed by [1,8-C10H6(NR)2]TiCl2-cocatalyst system. <b>1998</b> , 130, L209-L213		17
2075	Steric and electronic effects of R in (2-(4-R-C6H4)indenyl)2ZrCl2 catalysts on the synthesis of elastomeric polypropylene. <b>1998</b> , 136, 23-33		39
2074	Ortho-substituted aryl diamido complexes of zirconium: observation of rotameric isomers. <i>Polyhedron</i> , <b>1998</b> , 17, 917-923	2.7	10
2073	Silyl and siloxanediyl cyclopentadienyl titanium and zirconium complexes: synthesis and reactivity. X-ray molecular structure of [Zr{(Ib-C5H4SiMe2(EDH))} (ECl)Cl2]2. <i>Polyhedron</i> , <b>1998</b> , 17, 1055-1064	2.7	15
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2071	New Synthetic Pathway to Mono- and Bis-indenyl Complexes of Molybdenum(IV). <i>Organometallics</i> , <b>1998</b> , 17, 5782-5788	3.8	18
2070	Synthesis and Structure of Acyclic Bis(ketenimine) Complexes of Zirconium. <i>Organometallics</i> , <b>1998</b> , 17, 1315-1323	3.8	109
2069	Polyolefins: Syntheses and Structures. <b>1998</b> , 35, 1017-1035		7
2068	The Ansa-Effect in Zirconocene Chemistry: The Syntheses and Interconversions of the Hydride Complexes {[Me2Si(C5Me4)2]Zr(H)(H)}2, [Me2Si(C5Me4)2]ZrH2(PMe3), and [Me2Si(C5Me4)2]Zr(Ph)H. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 3255-3256	16.4	56
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2066	Synthesis of Poly(olefin) Graft Copolymers by a Combination of Metallocene and Living Free Radical Polymerization Techniques. <i>Macromolecules</i> , <b>1998</b> , 31, 4396-4398	5.5	119

2065	Elastomeric Polypropylenes from Unbridged (2-Phenylindene)zirconocene Catalysts: Thermal Characterization and Mechanical Properties. <i>Macromolecules</i> , <b>1998</b> , 31, 6908-6916	5.5	64
2064	Olefin Polymerization by (Cyclopentadienyl)(aryloxy)titanium(IV) Complexes <b>©</b> ocatalyst Systems. <i>Macromolecules</i> , <b>1998</b> , 31, 7588-7597	5.5	182
2063	Sequential CH and CRu Bond Formation and Cleavage during the Thermally Induced Rearrangement of Aryl Ruthenium(II) Complexes with [C6H3(CH2NMe2)2-2,6]- as a Bidentate I2-C,N Coordinated Ligand. The Crystal Structures of the Isomeric Pairs	3.8	37
2062	Influence of Ligand Substitutions on the Regiospecificity and Stereospecificity in Isospecific Zirconocenes for Propene Polymerization. A Molecular Mechanics Analysis. <i>Macromolecules</i> , <b>1998</b> , 31, 3431-3438	5.5	49
2061	Potential Catalyst Deactivation Reaction in Homogeneous Ziegler Natta Polymerization of Olefins: Formation of an Allyl Intermediate. <i>Organometallics</i> , <b>1998</b> , 17, 4997-5002	3.8	47
2060	Heterocumulene Metathesis of Pb[N(SiMe3)2]2. High-Yield Syntheses of the Heteroleptic Dimer {Pb[N(SiMe3)2(卧OiMe3)}2 and the Novel Lead(II) Oxo Cluster Pb7(B-O)(图-O)(胚iMe3)10  Organometallics, 1998, 17, 992-992	3.8	1
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2057	Synthesis, Structure, and Reactivity of Diketiminato Aluminum Complexes. <i>Organometallics</i> , <b>1998</b> , 17, 3070-3076	3.8	181
2056	Synthesis, Structure, and Reactivity of Zirconium Alkyl Complexes Bearing Ancillary Pyridine Diamide Ligands. <i>Organometallics</i> , <b>1998</b> , 17, 5172-5177	3.8	45
2055	Supported Organometallics. Highly Electrophilic Cationic Metallocene Hydrogenation and Polymerization Catalysts Formed via Protonolytic Chemisorption on Sulfated Zirconia. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 13533-13534	16.4	49
2054	High-Field 13C NMR Characterization of Ethene-1-13C/Propene Copolymers Prepared with Cs-Symmetric ansa-Metallocene Catalysts: A Deeper Insight into the Regio- and Stereoselectivity of Syndiotactic Propene Polymerization. <i>Macromolecules</i> , <b>1998</b> , 31, 8720-8724	5.5	26
2053	Enantio- and Diastereoselective Catalytic Carboalumination of 1-Alkenes and ⊞, Dienes with Cationic Zirconocenes: □Scope and Mechanism. <i>Organometallics</i> , <b>1998</b> , 17, 5728-5745	3.8	44
2052	A Zwitterionic Zirconocene Alkyl Complex as a Single-Component \(\pi\)-Olefin Dimerization Catalyst. Journal of the American Chemical Society, <b>1998</b> , 120, 1112-1113	16.4	39
2051	Strategies for Synthesis of Elastomeric Polypropylene: Fluxional Metallocenes with C1-Symmetry. Journal of the American Chemical Society, <b>1998</b> , 120, 2039-2046	16.4	64
2050	Synthesis of Various Nonbridged Titanium(IV) CyclopentadienylAryloxy Complexes of the Type CpTi(OAr)X2 and Their Use in the Catalysis of Alkene Polymerization. Important Roles of Substituents on both Aryloxy and Cyclopentadienyl Groups. <i>Organometallics</i> , <b>1998</b> , 17, 2152-2154	3.8	192
2049	Ethylene <b>P</b> ropylene Copolymerization with 2-Arylindene Zirconocenes. <i>Macromolecules</i> , <b>1998</b> , 31, 1-6	5.5	91
2048	RacemicMeso Interconversion for ansa-Scandocene and ansa-Yttrocene Derivatives. Molecular Structures of rac-{Me2Si[Ib-C5H2-2,4-(CHMe2)2]2}ScCl[LiCl(THF)2, [meso-{Me2Si[Ib-C5H2-2,4-(CHMe2)2]2}Y(Id-Cl)]2, and	3.8	55

2047	Binding Preferences of the Tribenzylidenemethane Ligand in High-Oxidation-State Tantalum Complexes. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 12512-12523	16.4	10
2046	Neutral and Cationic Group 4 Complexes Containing Bis(borylamide) Ligands, [R2BNCH2CH2NBR2]2- (R = 2,4,6-i-Pr3C6H2, M = Zr; R = Cyclohexyl, M = Ti, Zr, Hf). <i>Organometallics</i> , <b>1998</b> , 17, 308-321	3.8	88
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2044	Bulky Bis(alkylamidinate) Complexes of Group 4. Syntheses and Characterization of $M(CyNC(R]NCy)2Cl2$ and $Zr(CyNC(Me)NCy)2Me2$ ( $R$ Me, $M$ = $Ti$ , $Zr$ , $Hf$ ; $R$ $E$	3.8	95
2043	Synthesis of Group 4 Complexes That Contain the Tridentate Diamido/Donor Ligands [(ArylNCH2CH2)2O]2- and Zirconium Complexes That Contain [(ArylNCH2CH2)2S]2- and an Evaluation of Their Activity for the Polymerization of 1-Hexene. <i>Organometallics</i> , <b>1998</b> , 17, 4795-4812	3.8	76
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2039	Perfluorinated Diindacycles. <i>Inorganic Chemistry</i> , <b>1998</b> , 37, 5097-5101	5.1	16
2038	Synthesis of Branched Polyolefins Using a Combination of Homogeneous Metallocene Mimics. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 1082-1083	16.4	117
2037	Alkyl Complexes of Group 4 Metals Containing a Tridentate-Linked Amidollyclopentadienyl Ligand: Synthesis, Structure, and Reactivity Including Ethylene Polymerization Catalysis. <i>Organometallics</i> , <b>1998</b> , 17, 5836-5849	3.8	83
2036	Synthesis and Structural Characterization of {[Me2Si(C5Me4)2]Zr([№-C2H4)H}2Mg: An ansa-Zirconocene Ethylene⊞ydride Complex. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 5830-	-583 <del>1</del>	18
2035	Highly Regioselective Transition-Metal-Catalyzed 1-Alkene Polymerizations: A Simple Method for the Detection and Precise Determination of Regioirregular Monomer Enchainments. <i>Macromolecules</i> , <b>1998</b> , 31, 2387-2390	5.5	44
2034	Evidence for a Stable Ti(IV) Metallocene Dihydrogen Complex from ab Initio Molecular Dynamics. Journal of the American Chemical Society, <b>1998</b> , 120, 2174-2175	16.4	47
2033	Cationic Group 4 Metal Alkyl Compounds Containing o-Arylphenoxide Ligation. <i>Organometallics</i> , <b>1998</b> , 17, 3636-3638	3.8	57
2032	Full Assignment of the 13C NMR Spectra of Regioregular Polypropylenes: Methine Region. <i>Macromolecules</i> , <b>1998</b> , 31, 8713-8719	5.5	24
2031	Polymerization of Ethylene by the Electrophilic Mixed Cyclopentadienylpyridylalkoxide Complexes [CpM{NC5H4(CR2O)-2}Cl2] (M = Ti, Zr, R = Ph, Pri). <i>Organometallics</i> , <b>1998</b> , 17, 3408-3410	3.8	77
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2022	Computer Design of Living Olefin Polymerization Catalysts: A Combined Density Functional Theory and Molecular Mechanics Study. <i>Organometallics</i> , <b>1998</b> , 17, 3240-3253	3.8	70
2021	Synthesis, Structure, Dynamic Properties, and Indenyl Transfer Reactions of {AlMe2(THF)(indenyl)}2SiMe2. <i>Organometallics</i> , <b>1998</b> , 17, 281-283	3.8	8
2020	Synthesis of Zirconium Complexes That Contain a Tridentate Diamido Ligand. <i>Organometallics</i> , <b>1998</b> , 17, 989-992	3.8	39
2019	Fluorenyl complexes of zirconium and hafnium as catalysts for olefin polymerization. <b>1998</b> , 27, 323		110
2018	Synthesis of C7,C7EEthylene- and C7,C7EMethylene-Bridged C2-Symmetric Bis(indenyl)zirconium and -titanium Dichlorides. <i>Organometallics</i> , <b>1998</b> , 17, 3900-3907	3.8	18
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2007	Synthesis of EDxo Complexes of Group 4 Bridged-Metallocenes: A Convenient Separation of meso and racemo Isomers. <b>1998</b> , 27, 1139-1140		4
2006	High-Molecular-Weight Atactic Polypropylene from Metallocene Catalysts. Influence of Ligand Structure and Polymerization Conditions on Molecular Weight. <b>1998</b> , 43-55		6
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2004	Ziegler-Natta catalysis and propylene polymerization. <i>Polymer Science and Technology</i> , <b>1999</b> , 896-920		1
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2002	Synthesis of novel ansa-metallocene complex with bridged bis(indenyl) ligand and its application for olefin polymerization. <b>1999</b> , 473-476		3
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1996	Application of palladacycles in Heck type reactions. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 576, 23-	<b>41</b> .3	498
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1993	Boratabenzenes: from chemical curiosities to promising catalysts. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 581, 92-97	2.3	62	
1992	Immobilization of zirconium amide on a Cp-modified silica surface and its use as a catalyst for ethylene polymerization. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 582, 273-278	2.3	15	
1991	Synthese und Polymerisationseigenschaften substituierter ansa-Bis(fluorenyliden)komplexe des Zirconiums. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 582, 328-337	2.3	19	
1990	Synthesis, characterization, and reactivity of titanium(IV) complexes supported by proximally bridged p-tert-butylcalix[4]arene ligands. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 586, 223-233	2.3	26	
1989	Synthesis of bis(1,2,3-substituted cyclopentadienyl)zirconium dichloride derivatives and their use in ethylene polymerization. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 587, 181-190	2.3	5	
1988	Cationic Group 4 metal alkyl compounds containing aryloxide ligation: synthesis, structure, reactivity and polymerization studies. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 591, 148-162	2.3	58	
1987	Double coordination and activation ability of methylalumoxane (MAO) for hetero functionality: Pivotal role as polymerization cocatalyst. <b>1999</b> , 40, 5365-5368		20	
1986	Alkylzirconation of alkynes catalyzed by triphenylcarbenium tetrakis(pentafluorophenyl)borate. <b>1999</b> , 40, 8407-8410		8	
1985	Alternative force field models for ansa-zirconocene complexesDibrational and structural studies on Me2Si-bridged and tert-butyl-substituted representatives. <b>1999</b> , 485-486, 409-419		25	
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1978	Synthesis and characterisation of enantiomerically-pure zirconium complexes containing a linked amido-cyclopentadienyl ligand; X-ray structures of [Zr{\textit{L}:\textit{II}-C5Me4SiMe2NCH(Me)(Ph)}X2] (X=NMe2 and Cl) and [Zr{\textit{L}:\textit{II}-C5Me4SiMe2NCH(Me)(Ph)}Cl(ECl)]2. Journal of Organometallic	2.3	15	
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1976	Syntheses of polymethylene bridged dinuclear zirconocenes and investigation of their polymerisation activities. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 580, 90-97	2.3	61	

1975	Synthesis and olefin polymerization using supported and non-supported geometry constrained titanium complexes. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 580, 145-155	2.3	61
1974	Substituent effects in cyclic voltammetry of titanocene dichlorides. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 579, 348-355	2.3	55
1973	Synthesis and characterization of 1- and 2-(\textit{B}\lken-1-y\l)indenes, their lithium salts and dichlorozirconium(IV) complexes. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 579, 356-372	2.3	21
1972	Cyclic voltammetry of methyl- and trimethylsilyl-substituted zirconocene dichlorides. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 584, 323-328	2.3	26
1971	Si2Me4-bridged zirconocene dichlorides: crystal and molecular structure of meso-Si2Me4(3-SiMe3tt9H5)2ZrCl2. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 585, 18-25	2.3	7
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1966	Transition metal complexes with functionalized silyl-substituted cyclopentadienyl and related ligands: synthesis and reactivity. <b>1999</b> , 193-195, 447-498		64
1965	Preparation and Characterization of MCM-41 Supported Metallocene Catalysts for Olefin Polymerization. <b>1999</b> , 188, 14-23		73
1964	Olefin polymerization by pentamethylcyclopentadienyl trimethyltitanium, Cp*TiMe3. <b>1999</b> , 7, 1-8		59
1963	Chain transfer reactions in propylene polymerization with zirconocene catalysts. <b>1999</b> , 7, 145-163		151
1962	Syndiotactic-specific polymerization of styrene: catalyst structure and polymerization mechanism. <b>1999</b> , 7, 125-132		63
1961	ZieglerNatta catalyst activation. Thermodynamic and kinetic aspects of metallocenium ion-pair formation, dissociation, and structural reorganization. <b>1999</b> , 7, 97-106		70
1960	Theoretical modeling of Bonstrained geometry catalystsDeyond the naked cation approach. <b>1999</b> , 7, 45-60		25
1959	High molecular weight 1-olefin/carbon monoxide copolymers: a new class of versatile polymers. <b>1999</b> , 7, 165-177		48
1958	General aspects of ethylene polymerization by d0 and d0fn transition metals. <b>1999</b> , 7, 187-208		32

1957	Kinetic and UVII isible Spectroscopic Studies of Hex-1-ene Polymerization Initiated by an $\square$ -Diimine-[N,N] Nickel Dibromide/MAO Catalytic System. <i>Macromolecules</i> , <b>1999</b> , 32, 7977-7983	5.5	64	
1956	Cocatalytic activities of methylaluminoxane prepared by direct water addition method in ethylene polymerization over Cp2ZrCl2. <b>1999</b> , 16, 156-160		2	
1955	Propylene polymerization with rac-(EBl)Zr(NC4H8)2 cocatalyzed by MAO or AlR3 and anionic compounds. <b>1999</b> , 71, 875-885		8	
1954	Ethylene polymerization initiated by anchored CpIndZrCl2 on silica with hexamethyltrisiloxane and pentamethylene spacers. <b>1999</b> , 71, 1071-1080		11	
1953	Optimization and analysis of force field parameters by combination of genetic algorithms and neural networks. <b>1999</b> , 20, 455-471		84	
1952	New catalysts for olefin polymerization: from elementary processes to the synthesis of polyolefins. <b>1999</b> , 48, 257-263		25	
1951	Pseudohexagonal crystallinity and thermal and tensile properties of ethenepropene copolymers. <b>1999</b> , 37, 1095-1103		20	
1950	Stereospecific polymerization of 1-hexene catalyzed by ansa-metallocene/methylaluminoxane systems under high pressures. <b>1999</b> , 37, 283-292		15	
1949	Kinetics of propylene polymerization initiated byrac-Me2Si(1-C5H2-2-Me-4-tBu)2Zr(NME2)2/MAO catalyst. <b>1999</b> , 37, 737-750		13	
1948	MAO-free polymerization of propylene by rac- Me2Si(1-C5H2-2-Me-4-tBu)2Zr(NMe2)2 compound. <b>1999</b> , 37, 1071-1082		13	
1947	Effects of ethylene polymerization conditions on the activity of SiO2-supported zirconocene and on polymer properties. <b>1999</b> , 37, 1987-1996		29	
1946	Ethylene/1-hexene copolymerizations by syndioselective metallocenes: Direct comparison of Me2C(Cp)(Flu)ZrMe2 with Et(Cp)(Flu)ZrMe2. <b>1999</b> , 37, 2763-2772		10	
1945	Effects of low hydrogen partial pressures on propylene polymerization by Cp*TiMe2(EMe)B(C6F5)3. <b>1999</b> , 37, 4386-4389		7	
1944	Effect of the alkylaluminum cocatalyst on ethylene polymerization by a nickelliimine complex.  1999, 37, 4656-4663		51	
1943	Formation and Structures of [1,2 <b>B</b> is(N-tert-butylcarbamoyl)cyclopentadienyl]zirconium Complexes ICoordination Chemistry of a Eulvenologous Malonic Amide Anion Ligand System. <i>European Journal of Inorganic Chemistry</i> , <b>1999</b> , 1999, 11-19	2.3	19	
1942	Synthesis and X-ray Structures of New Mononuclear and Dinuclear Diimine Complexes of Late Transition Metals. <i>European Journal of Inorganic Chemistry</i> , <b>1999</b> , 1999, 959-964	2.3	121	
1941	Synthesis and Structure of [1]Borametallocenophanes of Titanium, Zirconium, and Hafnium. <b>1999</b> , 1999, 1899-1904		50	
1940	Auf der Suche nach einer neuen Generation von Katalysatoren zur Olefinpolymerisation: 🛭 eben 🗈 jenseits der Metallocene. <i>Angewandte Chemie</i> , <b>1999</b> , 111, 448-468	3.6	214	

1939	Organische Chemie funktioneller Gruppen an Gruppe-4-Metallocenger\(\mathbb{E}\)ten: Bildung eines starren Ansa-Metallocens durch C-C-Verkn\(\mathbb{P}\)fung vom Typ der Mannich-Reaktion. <i>Angewandte Chemie</i> , <b>1999</b> , 111, 2048-2051	3.6	38
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1935	Synthesis and Characterization of 14-Electron Cyclopentadienyl Chromium(II) Complexes Containing a Heterocyclic Carbene Ligand. <i>Organometallics</i> , <b>1999</b> , 18, 529-533	3.8	99
1934	Low-Temperature Spectroscopic Observation of Chain Growth and Migratory Insertion Barriers in (H-Diimine)Ni(II) Olefin Polymerization Catalysts. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 10634-10635	16.4	245
1933	Synthesis of ansa-Zirconocene/Rhodium Heterobimetallic Complexes: Enhanced Catalytic Activity in Stereospecific Polymerization of ⊞-Olefins. <i>Organometallics</i> , <b>1999</b> , 18, 996-1001	3.8	32
1932	Phosphorus-Bridged ansa-Metallocene Complexes of Titanium, Zirconium, and Hafnium: The Syntheses and Structures of [PhP(C5Me4)2]MX2 and [Ph(E)P(C5Me4)2]MX2 (E = O, S, Se) Derivatives. <i>Organometallics</i> , <b>1999</b> , 18, 6-9	3.8	38
1931	Novel Routes to Bidentate CyclopentadienylAlkoxide Complexes of Titanium: Synthesis of (店-EC5R14CHR2CH2CR3R4O)TiCl2. <i>Organometallics</i> , <b>1999</b> , 18, 348-359	3.8	26
1930	Stereospecific Polymerization of 1,3-Butadiene with Samarocene-Based Catalysts1. <i>Macromolecules</i> , <b>1999</b> , 32, 9078-9079	5.5	114
1929	Lanthanide- and Group 3 Metallocene Catalysis in Small Molecule Synthesis. <i>Topics in Organometallic Chemistry</i> , <b>1999</b> , 119-154	0.6	47
1928	Iron and Cobalt Ethylene Polymerization Catalysts Bearing 2,6-Bis(Imino)Pyridyl Ligands: Synthesis, Structures, and Polymerization Studies. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 8728-8740	16.4	900
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1924	The First Detection of an Exclusive 1,2-Silatropic Shift in the Enantiopure Silylcyclopentadiene [C5H5(SiMe2(1R)-endo-(+)-OC10H17)]. <i>Organometallics</i> , <b>1999</b> , 18, 4646-4653	3.8	7
1923	NOVEL POLYPROPYLENE MATERIALS. <b>1999</b> , 36, 1613-1639		35
1922	The effect of AlR3 on propylene polymerization by rac-(EBI)Zr(NMe2)2/AlR3/[CPh3][B(C6F5)4] catalyst. <b>1999</b> , 37, 1523-1539		19

1921	Amidolimido Niobium Complexes with ChloroBilyl- and AminoBilyl-Functionalized Cyclopentadienyl Ligands. <i>Organometallics</i> , <b>1999</b> , 18, 546-554	3.8	41
1920	Mechanistic Aspects of Ethylene Polymerization by Iron(II) <b>B</b> isimine Pyridine Catalysts: A Combined Density Functional Theory and Molecular Mechanics Study. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 6479-6487	16.4	132
1919	Chemistry of C-Trimethylsilyl-Substituted Heterocarboranes. 27. Synthetic, Spectroscopic, Structural, and Reactivity Studies on d0 Hafnacarboranes of 2,3-C2B4-Carborane Ligands. <i>Organometallics</i> , <b>1999</b> , 18, 516-522	3.8	16
1918	N-Alkoxy-Retoiminate Complexes of Groups 4 and 5: Synthesis and Characterization of the Complexes [( $\mathbb{D}$ -C5H4R)M{CH3C(O)CHC(NCH2CHRD)CH3}Cln] (M = Ti, n = 1; M = Nb, n = 2; R = H, Me; RI= H, Me), [Ti{CH3C(O)CHC(NCH2CHRD)CH3}Cl2(thf)], and	3.8	39
1917	Intramolecular Nucleophilic Substitution on Coordinated Borabenzenes: A New Entry into Boratabenzene Complexes. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 8112-8113	16.4	48
1916	Copolymerization of Atactic Polypropene Macromonomer with Propene by an Isospecific Metallocene Catalyst. <i>Macromolecules</i> , <b>1999</b> , 32, 5723-5727	5.5	64
1915	Ethene/Propene Copolymerization from Metallocene-Based Catalytic Systems: Role of the Alumoxane. <i>Macromolecules</i> , <b>1999</b> , 32, 258-263	5.5	40
1914	[Me2C(Ib-C5H4)2Mdmit]2[TCNQF4] (M = Mo or W): Unprecedented Stoichiometry and Solid-State Arrangement in Charge-Transfer Salts of ansa-Metallocene Dithiolene Complexes. <i>Organometallics</i> , <b>1999</b> , 18, 1834-1839	3.8	12
1913	Synthesis of Unbridged Bis(2-R-indenyl)zirconocenes Containing Functional Groups and Investigations in Propylene Polymerization. <i>Organometallics</i> , <b>1999</b> , 18, 4147-4155	3.8	68
1912	Influence of Trialkylaluminum Reagents on the Propylene Polymerization Behavior of Bridged and Unbridged 2-Arylindene Metallocene Polymerization Catalysts. <i>Macromolecules</i> , <b>1999</b> , 32, 7984-7989	5.5	18
1911	Boratabenzene Analogues of the Constrained Geometry Polymerization Catalysts. <i>Organometallics</i> , <b>1999</b> , 18, 1363-1365	3.8	38
1910	Fluxional B-Allyl Derivatives of ansa-Scandocenes and an ansa-Yttrocene. Measurements of the Barriers for the B to Derivatives as an Indicator of Olefin Binding Energy to d0 Metallocenes. <i>Organometallics</i> , <b>1999</b> , 18, 1389-1401	3.8	53
1909	Yttrium Complexes of the Chelating, C2-Symmetric, Bis(silylamido)biphenyl Ligand [DADMB]2-(={[6,6EMe2-(C6H3)2](2,2ENSiMe2tBu)2}2-). <i>Organometallics</i> , <b>1999</b> , 18, 2896-2905	3.8	87
1908	Regioirregular Propene Insertion in Polypropenes Synthesized with Unbridged Bis(2-aryl)indenyl Zirconium Dichloride Catalysts: Implications on Activity. <i>Macromolecules</i> , <b>1999</b> , 32, 8283-8290	5.5	24
1907	Titanium Aryloxide Catalyzed Cross-Coupling and Oligomerization Reactions Involving 1,3-Cyclohexadiene, 1,3-Cyclooctadiene, and ⊞-Olefins. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 9111-9119	16.4	35
1906	Preparation and Characterization of Monomeric and Dimeric Group IV Metallocene Dihydrides Having Alkyl-Substituted Cyclopentadienyl Ligands. <i>Organometallics</i> , <b>1999</b> , 18, 1873-1881	3.8	62
1905	Synthesis of Polymethylene Block Copolymers by the Polyhomologation of Organoboranes. <i>Macromolecules</i> , <b>1999</b> , 32, 3157-3158	5.5	35
1904	Cobalt(II) Imino Pyridine Assisted Ethylene Polymerization: A Quantum-Mechanical/Molecular-Mechanical Density Functional Theory Investigation. <i>Organometallics</i> , <b>1999</b> , 18, 5701-5708	3.8	60

1903	Alkyl Rearrangement Processes in Organozirconium Complexes. Observation of Internal Alkyl Complexes during Hydrozirconation. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 10308-10317	16.4	53
1902	Branched Polyethylene by Ethylene Homopolymerization with meso-Zirconocene Catalyst. <i>Macromolecules</i> , <b>1999</b> , 32, 6913-6916	5.5	48
1901	Concerning the Mechanism of Ring-Opening Polymerization by Coordinate Catalysts: The 2D Homonuclear J-Resolved Spectrum of Poly(cyclohexene oxide). <i>Macromolecules</i> , <b>1999</b> , 32, 5744-5746	5.5	12
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1899	Aluminum ansa-Indenyl Compounds. Synthesis, Structures, Dynamic Properties, and Application in the Synthesis of Group 4 ansa-Metallocenes. <i>Organometallics</i> , <b>1999</b> , 18, 5347-5359	3.8	12
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1896	1,3-Thiaborolide: A New Heteroaromatic Surrogate for Cyclopentadienide. <i>Organometallics</i> , <b>1999</b> , 18, 1821-1823	3.8	22
1895	Aminoboranediyl-Bridged Zirconocenes: Highly Active Olefin Polymerization Catalysts. Organometallics, <b>1999</b> , 18, 2288-2290	3.8	50
1894	Density Functional Study on Activation and Ion-Pair Formation in Group IV Metallocene and Related Olefin Polymerization Catalysts. <i>Organometallics</i> , <b>1999</b> , 18, 4624-4636	3.8	112
1893	Synthesis of Titanium, Zirconium, and Hafnium Complexes that Contain Diamido Donor Ligands of the Type [(t-BuN-o-C6H4)2O]2-and an Evaluation of Activated Versions for the Polymerization of 1-Hexene. <i>Organometallics</i> , <b>1999</b> , 18, 3649-3670	3.8	87
1892	14-Electron Four-Coordinate Ru(II) Carbyl Complexes and Their Five-Coordinate Precursors: Synthesis, Double Agostic Interactions, and Reactivity. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 8087-8097	16.4	99
1891	Synthesis of Zirconium Complexes That Contain the Diamidophosphine Ligands [(Me3SiNCH2CH2)2PPh]2- or [(RNSiMe2CH2)2PPh]2- (R = t-Bu or 2,6-Me2C6H3). <i>Organometallics</i> , <b>1999</b> , 18, 428-437	3.8	50
1890	Synthesis and Characterization of Cyclohexadienyl-Based Constrained Geometry Complexes. Organometallics, <b>1999</b> , 18, 1159-1167	3.8	31
1889	(E)-(Z) Selectivity in 2-Butene Copolymerization by Group 4 Metallocenes. A Combined Density Functional Theory and Molecular Mechanics Study. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 8651-8652	16.4	27
1888	Stereospecific Syntheses, Metal Configurational Stabilities, and Conformational Analyses of meso-(R,S)- and (R,R)-(Ib-C5R5)Ti(CH3)2-N,NEbis(1-phenylethyl)acetamidinates for R = H and Me. <i>Organometallics</i> , <b>1999</b> , 18, 4183-4190	3.8	66
1887	Alkoxy- and Aryloxyboratabenzene Complexes of Zirconium. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 1288-1298	16.4	46
1886	Stereostructures of Linear and Cyclic Polyphenylsilanes Produced by Dehydrocoupling in the Presence of Group 4 Metallocene Catalysts. <i>Organometallics</i> , <b>1999</b> , 18, 2249-2255	3.8	34

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1884	Metallocene/Borate-Catalyzed Copolymerization of 5-N,N-Diisopropylamino-1-pentene with 1-Hexene or 4-Methyl-1-pentene. <i>Macromolecules</i> , <b>1999</b> , 32, 14-20	5	54
1883	Amide-Stabilized, Diamagnetic Chromium(II) Nitrosyl Complexes 1. Organometallics, 1999, 18, 1994-20043.8	3	19
1882	Titanium and Zirconium Complexes with the New Ancillary Diamido LigandN,N⊞is(trimethylsilyl)amidobenzylamido(2∭Syntheses, Structures, and ⊞-Olefin 3.8 Polymerization Activities. <i>Organometallics</i> , <b>1999</b> , 18, 4107-4113	3	36
1881	Synthesis, Structure, and Catalytic Reactions of 1,2-Bis(indenyl)ethane-Derived Lanthanocenes.  Organometallics, 1999, 18, 2125-2132  3.8	3	74
1880	Stereoregulation in Cationic Polymerization by Designed Lewis Acids. 1. Highly Isotactic Poly(isobutyl vinyl ether) with Titanium-Based Lewis Acids1. <i>Macromolecules</i> , <b>1999</b> , 32, 6407-6411	;	62
1879	Theoretical Study of the Mechanisms of Ethylene Polymerization with Metallocene-Type Catalysts. <b>1999</b> , 103, 27-35		23
1878	Novel High Performanceansa-Zirconocene Catalysts for Isospecific Polymerization of Propylene. <b>1999</b> , 28, 1311-1312		4
1877	Immobilization of aC2-Symmetricansa-Zirconocene Complex on Silica Surfaces Using a Si-Cl Anchor: Catalysts for Isospecific Propene Polymerization. <b>1999</b> , 28, 341-342		17
1876	Polymerization of Polar Vinyl Monomers with Novel Cobalt-based Catalyst. <b>1999</b> , 28, 891-892		7
1875	Post-Metallocenes: A New Bis(salicylaldiminato) Zirconium Complex for Ethylene Polymerization. <b>1999</b> , 28, 1263-1264		108
1874	New Bis(salicylaldiminato) Titanium Complexes for Ethylene Polymerization. <b>1999</b> , 28, 1065-1066		156
1873	Synthesis of Titanium(IV) Complexes that Contain the Bis(silylamide) Ligand of the Type [1,8-C10H6(NR)2]2- (R=SiMe3, SitBuMe2, SiiPr3), and Olefin Polymerization Catalyzed by the [1,8-C10H6(NR)2] TiX2(X=Cl, Br)- cocatalyst System. <b>1999</b> , 121, 469-472		1
1872	Supported ?Cp?2ZrCl2 as catalyst for ethylene polymerization. <b>2000</b> , 3849-3854		
1871	Polymerization of Polar Vinyl Monomers by Cobalt Complex-Alkylaluminum Compound. <b>2000</b> , 32, 700-702		3
1870	Polymerization. 105-131		
1869	Ethylene Polymerization Catalyzed by Ruthenium and Iron Complexes Containing 2,6-Bis(2-oxazolin-2-yl)pyridine (Pybox) Ligand-Cocatalyst System. <b>2000</b> , 73, 599-605		39
1868	Post-Metallocenes: Catalytic Perfomance of New Bis(salicylaldiminato) Zirconium Complexes for Ethylene Polymerization. <b>2000</b> , 29, 554-555		66

1867	Living Polymerization of Aryl Isocyanides by Multifunctional Initiators Containing Pd <b>B</b> t []-Ethynediyl Unit. <b>2000</b> , 29, 786-787		11
1866	Enantioface-Selective Complexation of Prochiral Dienes on Planar-Chiral Cyclopentadienylruthenium Complexes Bearing an Anchor Phosphine Ligand. <b>2000</b> , 29, 760-761		11
1865	Synthesis and Structure Characterization of 2-(Dimethylaminomethyl)pyrrolate and 2,5-Bis(dimethylaminomethyl)pyrrolate Zirconium Complexes. <b>2000</b> , 47, 1191-1195		22
1864	Highlights der Renaissance der Amidometallchemie. <i>Angewandte Chemie</i> , <b>2000</b> , 112, 478-504	3.6	64
1863	Dialkylaminoethyl-funktionalisierte ansa-Zirconocendichloride: Pr&atalysatoren zur Steuerung der Molekulargewichtsverteilung von Polyethylen. <i>Angewandte Chemie</i> , <b>2000</b> , 112, 800-803	3.6	6
1862	Organo-Lewis Acid Cocatalysts in Single-Site Olefin Polymerization Highly Acidic Perfluorodiboraanthracene. <i>Angewandte Chemie</i> , <b>2000</b> , 112, 1368-1372	3.6	16
1861	Ethylene coordination, insertion, and chain transfer at a cationic aluminum center: A comparative study with Ab Initio correlated level and density functional methods. <b>2000</b> , 21, 398-410		25
1860	Dynamic NMR study of tri-tert-butylcarbinol and of a carbinolEhethylaluminoxane mixture. <b>2000</b> , 38, 165-171		
1859	Kinetics of propylene polymerization by hafnocene diamide catalyst. <b>2000</b> , 75, 843-855		3
1858	Retrofitting of industrial olefin polymerization plants: producing broad MWDs through multiobjective periodic operation. <b>2000</b> , 77, 437-452		12
1857	Syndiospecific polymerization of styrene based on dichlorobis(1,3-diketonato)titanium/methylaluminoxane catalyst system: effects of substituents on catalyst activity. <b>2000</b> , 49, 1665-1669		11
1856	Effect of a second ethylene molecule on the insertion of ethylene in zirconocene catalyst systems: A QM semiempirical study. <b>2000</b> , 38, 571-582		22
1855	Higher ⊞-olefin polymerizations catalyzed by rac-Me2Si(1-C5H2-2-CH3-4-tBu)2Zr(NMe2)2/Al(iBu)3/[Ph3C][B(C6F5)4]. <b>2000</b> , 38, 1687-1697		39
1854	Zirconium-chelate and mono-🏻 cyclopentadienyl zirconium-chelate/ methylalumoxane systems as soluble Ziegler Natta olefin polymerization catalysts. <b>2000</b> , 14, 316-324		13
1853	Coordination polymerization in water affording amorphous polyethylenes. <i>Chemistry - A European Journal</i> , <b>2000</b> , 6, 4623-9	4.8	66
1852	Polymerization of higher linear $\oplus$ -olefins with (CH3)2Si(2-methylbenz[e]indenyl)2ZrCl2. <b>2000</b> , 38, 2333-22	339	29
1851	Functionalized polystyrene as a versatile support for olefin polymerization catalysts. <b>2000</b> , 38, 2979-299	2	36
1850	Ethene homopolymerization and copolymerization with 1-hexene for all methyl-substituted (RnC5H5E)2ZrCL2/MAO catalytic systems: Effects of split methyl substitution. <b>2000</b> , 38, 3161-3172		26

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1849	Copolymerization of 1-hexene and ethylene catalyzed by the Ziegler catalyst Cp*TiMe3/B(C6F5)3. <b>2000</b> , 38, 3966-3976		4	
1848	The copolymerization of propylene with higher, linear ⊞-olefins. <b>2000</b> , 38, 4110-4118		40	
1847	Olefin polymerization and copolymerization with soluble transition-metal complex catalysts. <b>2000</b> , 38, 4613-4626		23	
1846	Oligomerization of ethylene to branched alkenes using neutral phosphinosulfonamide nickel(II) complexes. <b>2000</b> , 38, 4627-4640		25	
1845	Copolymerization of propylene with 1-octene catalyzed by rac-Me2Si(2,4,6-Me3-Ind)2ZrCl2/methyl aluminoxane. <b>2000</b> , 38, 4299-4307		36	
1844	Modified molybdenum and tungsten metallocenes and ring-slippage reactions: new compounds and revisited concepts. <b>2000</b> , 14, 539-548		14	
1843	Formation and structural properties of salicylaldiminato complexes of zirconium and titanium. <b>2000</b> , 300-302, 810-821		79	
1842	Synthetic and reactivity studies of mono- and dicyclopentadienyl titanium, zirconium and hafnium complexes with the chlorodimethylsilyl-cyclopentadienyl ligand. X-ray molecular structure of Hf{(Ib-C5H4)SiMe2OSiMe2(Ib-C5H4)}Cl2 and Zr(Ib-1,3-tBu2C5H3)(Ib-C5H4SiMe2-IBNtBu)Cl.	2.3	27	
1841	Formation of elastomeric polypropylene promoted by the dynamic complexes [TiCl2{N(PPh2)2}2] and [Zr(NPhPPh2)4]. <i>Journal of Organometallic Chemistry</i> , <b>2000</b> , 604, 116-125	2.3	72	
1840	Copolymerization of ethylene with $\Box$ -olefin catalyzed by [1,8-C10H6(NSitBuMe2)2]TiCl2 and [ArN(CH2)3NAr]TiCl2 (Ar=2,6-iPr2C6H3)\( \overline{M}\)MAO catalyst systems. <b>2000</b> , 41, 2755-2764		20	
1839	Carbon monoxide and tertiary phosphines as ligands in cyclopentadienyl derivatives of Group 4 elements in high oxidation state. <i>Journal of Organometallic Chemistry</i> , <b>2000</b> , 593-594, 19-26	2.3	5	
1838	Synthesis and characterization of Group 4 metallocene complexes with two disiloxanediyl bridges. Journal of Organometallic Chemistry, <b>2000</b> , 595, 147-152	2.3	28	
1837	PH functionalised phosphinoalkoxides as ligands: synthesis and catalytic properties of [Cp2Zr(Me)(cyclo-1-O-2-PH(Tipp)-C6H10)] (Tipp=2,4,6-Pri3C6H2), [Cp2Zr(Me)(cyclo-1-O-2-PH(Tipp){Mo(CO)5}[16H10)] and	2.3	19	
1836	[Cp2Zr(BH4)(cyclo-1-O-2-PH(Mes)(BH3)(16H10)] (Mes=2,4,6-Me3C6H2), and molecular structure of Homopolymerization of ethylene and copolymerization of ethylene and 1-hexene with bridged metallocene/methylaluminoxane catalysts: the influence of the bridging moiety. 2000, 153, 109-119		24	
1835	Metallacyclic zirconocene complexes as catalysts for homogeneous and heterogeneous ethylene polymerization. <b>2000</b> , 154, 65-72		12	
1834	Polymerization of 1-hexene, 1-octene catalyzed by Cp?TiCl2(O-2,6-iPr2C6H3)MAO system. Unexpected increase of the catalytic activity for ethylene/1-hexene copolymerization by (1,3-tBu2C5H3)TiCl2(O-2,6-iPr2C6H3)MAO catalyst system. <b>2000</b> , 152, 249-252		46	
1833	Organosilicon-modified silicas as support for zirconocene catalyst. <b>2000</b> , 154, 103-113		52	
1832	Metallocene catalysts technology and environment. <b>2000</b> , 3, 615-625		4	

1831	Supported metallocenes using inorganic@rganic hybrid xerogels. 2000, 158, 541-557		28
1830	Ligand effect in olefin polymerization catalyzed by (cyclopentadienyl)(aryloxy) titanium(IV) complexes, Cp?TiCl2(OAr)MAO system.: Ethylene/1-hexene copolymerization by (1,3-tBu2C5H3)TiCl2(O-2,6-iPr2C6H3)MAO catalyst system. <b>2000</b> , 159, 127-137		41
1829	Synthesis and characterization of bis(cyclopentadienyl)zirconium dichloride complexes with Fluorenylalkyl or silyl substituents and their application in catalytic ethylene polymerization. <b>2000</b> , 164, 9-23		2
1828	Mixed substituted zirconocene dichloride complexes as catalyst precursors for homogeneous ethylene polymerization. <b>2000</b> , 159, 273-283		12
1827	Ethene/propene copolymerisations with rac-EBTHIZrR2/alumoxane: Eligands effect. 2000, 160, 229-236		11
1826	Effect of cocatalyst in 1-hexene polymerization by Cp*TiMe2(O-2,6-iPr2C6H3) complex. <b>2000</b> , 164, 131-	135	15
1825	Additive effects of trialkylaluminum on propene polymerization with (t-BuNSiMe2Flu)TiMe2-based catalysts. <b>2000</b> , 200, 145-152		18
1824	Synthesis and crystal structures of unbridged bis(4-R-1,2-diphenylcyclopentadienyl)zirconium dichlorides (R=phenyl, cyclohexyl), and catalysis for olefin polymerization. <i>Polyhedron</i> , <b>2000</b> , 19, 1941-1	9 <del>2</del> 17	23
1823	A theoretical study of the competition between ethylene insertion and chain transfer in cationic aluminum systems. <b>2000</b> , 329, 99-105		13
1822	Short chain-branched polyethylene produced by [(CH3)2C(IIC5H4)(IIC9H6)]ZrCl2 and [(IIC5H4)(IIC9H6)]ZrCl2 metallocene catalyst. <i>European Polymer Journal</i> , <b>2000</b> , 36, 851-855	5.2	10
1821	Phenylalkyl-substituted zirconocene dichloride complexes as catalyst precursors for homogeneous ethylene polymerization. <i>Journal of Organometallic Chemistry</i> , <b>2000</b> , 599, 275-287	2.3	26
1820	Synthesis of racemic chiral-at-metal complexes of the Group 4 metals. <i>Journal of Organometallic Chemistry</i> , <b>2000</b> , 605, 45-54	2.3	7
1819	Pyridinylimine-based nickel(II) and palladium(II) complexes: preparation, structural characterization and use as alkene polymerization catalysts. <i>Journal of Organometallic Chemistry</i> , <b>2000</b> , 606, 112-124	2.3	198
1818	Chiral sandwich compounds of ruthenium(II) and (IV): X-ray crystal structure of [Ru{Ib-C5H4(neomenthyl)}2I]I3. <i>Journal of Organometallic Chemistry</i> , <b>2000</b> , 606, 188-196	2.3	5
1817	Electrochemical versus optical insight in frontier orbitals of Ti(IV), Zr(IV), and Hf(IV) bent metallocenes. <i>Journal of Organometallic Chemistry</i> , <b>2000</b> , 606, 203-206	2.3	31
1816	New sterically hindered unbridged zirconocene complexes with 1,2-diphenylcyclopentadienyl ligands: synthesis, structure and properties as olefin polymerization catalysts. <i>Journal of Organometallic Chemistry</i> , <b>2000</b> , 613, 68-76	2.3	35
1815	Four-coordinated bipyridine complexes of nickel for ethene polymerization Ithe role of ligand structure. <i>Journal of Organometallic Chemistry</i> , <b>2000</b> , 613, 257-262	2.3	23
1814	Synthesis and structural characterization of Group 14 complexes containing two {9-[2-(dimethylamino)ethyl]fluorenyl-} ligands and a unique coupling product. <i>Journal of Organometallic Chemistry</i> , <b>2000</b> , 596, 70-76	2.3	4

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1813	Reactivity of vinyl and alkynyl zirconium complexes with the di-ansa-[1,1?,2,2?-bis(dimethylsilanediyl) dicyclopentadienyl] ligand. <i>Journal of Organometallic Chemistry</i> , <b>2000</b> , 593-594, 147-153	2.3	3
1812	Protein Engineering by In Vivo Incorporation of Non-Natural Amino Acids: Control of Incorporation of Methionine Analogues by Methionyl-tRNA Synthetase. <b>2000</b> , 56, 9487-9493		72
1811	Synthesis of Novel Tetrahydrofluorenyl-Containing Group IV Metallocenes for the ZieglerNatta Type Polymerization of ⊞-Olefins. <i>Organometallics</i> , <b>2000</b> , 19, 5744-5749	3.8	15
1810	Synthesis of 1-(cyclopentadienyl)adamantane and the corresponding zirconium complexes. <b>2000</b> , 49, 508-513		3
1809	A DFT study of ethylene polymerization by zirconocene catalysts. <b>2000</b> , 49, 1164-1173		4
1808	Density functional study of ethylene polymerization on zirconocene catalysts. <b>2000</b> , 49, 1735-1741		2
1807	Crystal structure of 1-(9-fluorenyl)-2-(1-indenyl)ethane, C24H20. <b>2000</b> , 215, 421-422		
1806	. 2000,		95
1805	Zirconium <b>B</b> enzyl Complexes of a Tridentate C2-Symmetric Dialkoxo Ligand. Diastereoselectivity of Olefin Single-Insertion Reactions. <i>Organometallics</i> , <b>2000</b> , 19, 2944-2946	3.8	50
1804	Water/MAO acceleration of the zirconocene-catalyzed asymmetric methylalumination of alpha-olefins. <b>2000</b> , 2, 1713-6		59
1803	Catalytic Carboalumination of Olefins with Cyclopentadienylamidotitanium Dichloride Complexes. <i>Organometallics</i> , <b>2000</b> , 19, 1870-1878	3.8	28
1802	Structural analysis of transition metal beta-X substituent interactions. Toward the use of soft computing methods for catalyst modeling. <b>2000</b> , 40, 1052-61		23
1801	C5Me5/ER-Ligated samarium(II) complexes (ER=OAr, SAr, NR1R2): a new type of olefin polymerization catalysts. <b>2000</b> , 303-304, 75-82		11
1800	Molecular Design of Single-Site Metal Alkoxide Catalyst Precursors for Ring-Opening Polymerization Reactions Leading to Polyoxygenates. 1. Polylactide Formation by Achiral and Chiral Magnesium and Zinc Alkoxides, (B-L)MOR, Where L = Trispyrazolyl- and Trisindazolylborate	16.4	387
1799	Late-metal catalysts for ethylene homo- and copolymerization. <b>2000</b> , 100, 1169-204		2633
1798	Isospecific Living Polymerization of 1-Hexene by a Readily Available Nonmetallocene C2-Symmetrical Zirconium Catalyst. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 10706-10707	16.4	390
1797	POLYMER CHEMISTRY:Nickel Comes Full Cycle. <b>2000</b> , 287, 437-438		10
1796	First Principles Study of Propene Polymerization in ZieglerNatta Heterogeneous Catalysis. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 501-509	16.4	160

1795	Carbocationic alkene polymerizations initiated by organotransition metal complexes: an alternative, unusual role for soluble ziegler-natta catalysts. <b>2000</b> , 100, 1471-8		139
1794	Synthesis of arene-soluble dizirconium nonaisopropoxide lanthanide cations involving divalent ytterbium. <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 3421-3	5.1	30
1793	Synthesis, Crystal Structure, and Application of the Oxonium Acid [H(OEt2)2]+[B(C6F5)4] <i>Organometallics</i> , <b>2000</b> , 19, 1442-1444	3.8	145
1792	Supported metallocenes: monosite and multisite catalysts for olefin polymerization. <b>2000</b> , 130, 187-19	96	1
1791	Dynamic Resolution of a Metallocene: Diastereoselective Assembly of an Early-Late Heterobimetallic Metal-Bridged ansa-Metallocene Opening a Route to Parallel Catalyst Synthesis. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 11737-11738	16.4	32
1790	Enantioselectivity of Cs- and C2-Symmetric ansa-Metallocene Catalysts in the Styrene Insertion. <i>Macromolecules</i> , <b>2000</b> , 33, 7275-7282	5.5	25
1789	rac-[Methylene(3-tert-butyl-1-indenyl)2]ZrCl2: A Simple, High-Performance Zirconocene Catalyst for Isotactic Polypropene. <i>Organometallics</i> , <b>2000</b> , 19, 420-429	3.8	95
1788	Substituent Effects on the Stereospecificity of Propylene Polymerization by Novel Asymmetric Bridged Zirconocenes. A Mechanistic Discussion. <i>Macromolecules</i> , <b>2000</b> , 33, 1546-1552	5.5	29
1787	A Combined Density Functional and Molecular Dynamics Study on Ethylene Insertion into the Cp2ZrEtMeB(C6F5)3 Ion-Pair. <i>Organometallics</i> , <b>2000</b> , 19, 5182-5189	3.8	77
1786	Ditantalum Hydride Complexes with Bridging (2,6-iPr2C6H3)NSiHPh Silanimine Ligands Resulting from PhSiH3Imido Ligand Coupling. A Combined Spectroscopic and Theoretical Investigation. <i>Organometallics</i> , <b>2000</b> , 19, 3830-3841	3.8	39
1785	Zirconocene Allyl Complexes: Dynamics in Solution, Reaction with Aluminum Alkyls, B(C6F5)3-Induced Propene Insertion, and Density-Functional Calculations on Possible Formation and Reaction Pathways. <i>Organometallics</i> , <b>2000</b> , 19, 377-387	3.8	53
1784	Formation of Elastomeric Polypropylene Promoted by Racemic Acetylacetonate Group 4 Complexes. <i>Organometallics</i> , <b>2000</b> , 19, 1208-1210	3.8	36
1783	d0 Metal Olefin Complexes. Synthesis, Structures, and Dynamic Properties of (C5R5)2Zr(OCMe2CH2CH2CHCH2)+ Complexes: Models for the Elusive (C5R5)2Zr(R)(Olefin)+ Intermediates in Metallocene-Based Olefin Polymerization Catalysis. <i>Journal of the American</i>	16.4	75
1782	Novel Coupling of Two Mechanistically Distinct Polymerizations on a Single Metal Center:  Palladium-Mediated Synthesis of Poly(norbornene) Poly(THF) Block Copolymers. <i>Macromolecules</i> , 2000, 33, 2305-2307	5.5	9
1781	Synthesis and Characterization of Syndiotactic Styrene <b>E</b> thylene Block Copolymers. <i>Macromolecules</i> , <b>2000</b> , 33, 8130-8135	5.5	28
1780	Fate of CH2CHE (E = H, OMe) in the Presence of Unsaturated Ru(X)(H)L2q+(X = Cl,q= 0; X = CO,q= 1): $\square$ Highly Sensitive to X and E. <i>Organometallics</i> , <b>2000</b> , 19, 2291-2298	3.8	15
1779	Monomer Capture in Brookhart's Ni(II) Diimine Olefin Polymerization Catalyst: Static and Dynamic Quantum Mechanics/Molecular Mechanics Study. <b>2000</b> , 104, 121-129		65
1778	DFT Studies on Substituent Effects in Palladium-Catalyzed Olefin Polymerization. <i>Organometallics</i> , <b>2000</b> , 19, 1850-1858	3.8	72

1777	Ethene Polymerization Catalyzed by Monoalkyl-Substituted Zirconocenes. Possible Effects of LigandMetal Agostic Interaction. <i>Macromolecules</i> , <b>2000</b> , 33, 8136-8145	5.5	21
1776	Behavior of Metallocene Olefin Polymerization Catalysts under High Pressure. <i>Macromolecules</i> , <b>2000</b> , 33, 4602-4606	5.5	10
1775	Ersatz Ethylene <b>B</b> ropylene Copolymers: The Synthesis of Linear Carbon Backbone Copolymers One Carbon Atom at a Time. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 11515-11516	16.4	46
1774	Polymerization of Vinyl Chloride with Cp*Ti(OCH3)3-Methylaluminoxane Catalyst. <b>2000</b> , 32, 300-302		12
1773	Living Ziegler Natta Cyclopolymerization of Nonconjugated Dienes: New Classes of Microphase-Separated Polyolefin Block Copolymers via a Tandem Polymerization/Cyclopolymerization Strategy. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 1049	16.4 90-104	
1772	1,2-Thiaborolide: A New Heteroaromatic Ligand Containing Boron and Sulfur. <i>Organometallics</i> , <b>2000</b> , 19, 4935-4937	3.8	22
1771	Morphological Partitioning of Ethylene Defects in Random Propylene <b>E</b> thylene Copolymers <i>Macromolecules</i> , <b>2000</b> , 33, 6094-6105	5.5	107
1770	Studies on the mechanism of B(C(6)F(5))(3)-catalyzed hydrosilation of carbonyl functions. <b>2000</b> , 65, 309	0-8	588
1769	Titanium and Zirconium Et2C2B4H4MetalPhosphine Complexes: Synthesis, Characterization, and Ethylene Polymerization Activity1. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 10573-10580	16.4	32
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1767	Insertion of Terminal and Internal Acetylenes into the ZrEMethylene Bond of the Dinuclear Cationic Zirconium Complex [{Zr(Ib-C5H5)}2(ECH2)(ECI)(Eb-C5H4-Ib-C5H4)][BMe(C6F5)3]. Synthesis Aspects, NMR Spectroscopic Study, and Dynamic Behavior in Solution. Organometallics,	3.8	15
1766	CationicAnsa-Zirconocene and Hafnocene Derivatives of a Monoanionic Phosphonium-Bridged Bis(permethylcyclopentadienyl) Ligand: Synthesis and Structural Characterization of {[Me2P(C5Me4)2]MCl2}+(M = Zr, Hf) and {[Me2P(C5Me4)2]ZrMe2}+. Organometallics, 2000, 19, 5155-51	3.8 <b>59</b>	17
1765	Toward Quantitative Prediction of Stereospecificity of Metallocene-Based Catalysts for alpha-Olefin Polymerization. <b>2000</b> , 100, 1457-70		147
1764	Syndiospecific Polymerization of Styrene with Half-Sandwich Titanocene Catalysts. Influence of Ligand Pattern on Polymerization Behavior. <i>Macromolecules</i> , <b>2000</b> , 33, 2825-2831	5.5	32
1763	The Mechanism of Methane Elimination in B(C6F5)3-Initiated Monocyclopentadienyl-Ketimide Titanium and Related Olefin Polymerization Catalysts. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 5499-5509	16.4	120
1762	On the Polymerization of Methyl Methacrylate by Group 4 Metallocenes. <i>Macromolecules</i> , <b>2000</b> , 33, 432	!9 <del>5.4</del> 33!	566
1761	Geometry and Stability of Titanium Chloride Species Adsorbed on the (100) and (110) Cuts of the MgCl2 Support of the Heterogeneous ZieglerNatta Catalysts. <i>Macromolecules</i> , <b>2000</b> , 33, 8953-8962	5.5	116
1760	Modeling metal-catalyzed olefin polymerization. <b>2000</b> , 100, 1435-56		239

1759	Observation of Resonances Associated with Stereo and Regio Defects in the Crystalline Regions of Isotactic Polypropylene: Toward a Determination of Morphological Partitioning. <i>Macromolecules</i> , <b>2000</b> , 33, 6078-6093	5.5	88
1758	Zirconocene Ketimides: Synthesis, Structural Characterization, Ethylene Polymerization Activity, and ab Initio Computational Studies. <i>Organometallics</i> , <b>2000</b> , 19, 4369-4375	3.8	18
1757	Chain End Isomerization as a Side Reaction in Metallocene-Catalyzed Ethylene and Propylene Polymerizations. <i>Macromolecules</i> , <b>2000</b> , 33, 8534-8540	5.5	25
1756	Enantiopure Siloxy-Functionalized Group 4 Metallocene Dichlorides. Synthesis, Characterization, and Catalytic Dehydropolymerization of PhSiH3. <i>Organometallics</i> , <b>2000</b> , 19, 2975-2984	3.8	13
1755	New C1 Symmetric ZieglerNatta Type Zirconocenes for the Production of Isotactic Polypropylene. Organometallics, <b>2000</b> , 19, 4077-4083	3.8	26
1754	Synthesis and Characterization of Atactic Poly(p-tolylsilane) via the Catalytic Dehydrocoupling of p-Tolylsilane1. <i>Organometallics</i> , <b>2000</b> , 19, 3776-3783	3.8	22
1753	Boratabenzene Complexes of Cr(III). Journal of the American Chemical Society, 2000, 122, 730-731	16.4	57
1752	New Face-To-Face Metallocene Triads. <i>Organometallics</i> , <b>2000</b> , 19, 469-474	3.8	17
1751	Insertion of Carbon Monoxide into ZrPolymeryl Bonds: Bnapshotslbf a Running Catalyst. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 5226-5227	16.4	24
1750	Synthesis and Reactivity of 🗈-Silolyl, 🗈-Germolyl, and 🖺-Germole Dianion Complexes of Zirconium and Hafnium. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 3097-3105	16.4	73
1749	Synthesis of Butene <b>E</b> thylene and Hexene <b>B</b> utene <b>E</b> thylene Copolymers from Ethylene via Tandem Action of Well-Defined Homogeneous Catalysts. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 1830-1831	16.4	141
1748	Tricarbonylrhenium(I) Complexes of Pentafluorophenyl-Substituted Indenyl Ligands1. <i>Organometallics</i> , <b>2000</b> , 19, 327-333	3.8	22
1747	Heterogeneous Constrained-Geometry Zirconium Catalysts. <i>Organometallics</i> , <b>2000</b> , 19, 1729-1733	3.8	22
1746	Macrocycle-supported titanium complexes with chelating imido ligands: analogues of ansa-metallocenes. <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 5483-91	5.1	30
1745	Preparation of [2,5-Diisopropylcyclohexane-1,4- bis(indenyl)]titanium Dichloride and [2,5-Diisopropylcyclohexane-1,4-bis(tetrahydroindenyl)]- titanium Dichloride and Their Comparison as Catalysts for the Enantioselective Pinacol Coupling of Benzaldehyde Organometallics, 2000, 19, 382	3.8 4 <b>-382</b> 9	33
1744	Synthesis, Characterization, and Polymerization Properties of Bis(2-menthylindenyl)zirconium Dichloride and Bis(2-menthyl-4,7-dimethylindenyl)zirconium Dichloride. <i>Organometallics</i> , <b>2000</b> , 19, 546-	4-35 <sup>8</sup> 70	35
1743	General Synthesis of Racemic Me2Si-Bridged Bis(indenyl) Zirconocene Complexes. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 8093-8094	16.4	36
1742	Precise control of polyolefin stereochemistry using single-site metal catalysts. <b>2000</b> , 100, 1223-52		1048

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1741	Selective Co-oligomerization of Ethylene and Styrenes by Half-Titanocene Catalysts and Synthesis of Polyethylenes with 4-Aryl-1-butyl Branches. <i>Macromolecules</i> , <b>2000</b> , 33, 2807-2814	5.5	43
1740	Selectivity in propene polymerization with metallocene catalysts. <b>2000</b> , 100, 1253-346		1202
1739	Metallocene-Based Branch <b>B</b> lock Thermoplastic Elastomers. <i>Macromolecules</i> , <b>2000</b> , 33, 8541-8548	5.5	47
1738	Copolymerization of polar monomers with olefins using transition-metal complexes. <b>2000</b> , 100, 1479-94	1	826
1737	Effect of the Cyclopentadienyl Fragment on Monomer Reactivities and Monomer Sequence Distributions in Ethylene/⊞-Olefin Copolymerization by a Nonbridged (Cyclopentadienyl)(aryloxy)titanium(IV) ComplexMAO Catalyst System. <i>Macromolecules</i> , <b>2000</b> , 33, 3187-	5.5 - <b>3189</b>	92
1736	Kinetics of Propylene Polymerization Using Bis(2-phenylindenyl)zirconium Dichloride/Methylaluminoxane. <i>Journal of the American Chemical Society</i> , <b>2000</b> , 122, 11275-11285	16.4	45
1735	Bulky Titanium Bis(phenolate) Complexes as Novel Initiators for Living Anionic Polymerization of	5.5	121
1734	Synthesis, Characterization, and Reactivity of Chromium Boratabenzene Complexes. Organometallics, <b>2000</b> , 19, 3948-3956	3.8	48
1733	Aluminum Compounds, Organic. 2000,		2
1732	Synthesis of Novel Group 4 Complexes Bearing the Tropidinyl Ligand: Investigations of Dynamic Behavior, Reactivity, and Catalytic Olefin Polymerization. <i>Organometallics</i> , <b>2000</b> , 19, 1406-1421	3.8	24
1731	Single-Component Polymerization Catalysts for Ethylene and Styrene: Synthesis, Characterization, and Reactivity of Alkyl and Hydrido Yttrium Complexes Containing a Linked Amido Lyclopentadienyl Ligand. <i>Organometallics</i> , <b>2000</b> , 19, 228-243	3.8	201
1730	AN OVERVIEW OF TRANSITION METAL-MEDIATED POLYMERIZATIONS: CATALYSTS FOR THE 21st CENTURY. <b>2000</b> , 1021-1042		1
1729	Imaging of Polymers Using Scanning Force Microscopy: From Superstructures to Individual Molecules. <b>2000</b> , 61-174		82
1728	Single-Site Catalysts. 2001,		1
1727	A Comparative Study in the Ring-Opening Polymerization of Lactides and Propylene Oxide. <i>Macromolecules</i> , <b>2001</b> , 34, 8851-8857	5.5	64
1726	Metalations with Group 4 Alkylmetal(IV) Halides: Expeditious Route to Metallocene and Nonmetallocene Procatalysts1. <i>Organometallics</i> , <b>2001</b> , 20, 4132-4134	3.8	28
1725	A new catalyst for highly syndiospecific living olefin polymerization: homopolymers and block copolymers from ethylene and propylene. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 5134-5	16.4	361
1724	Synthesis of Branched Polyethylene from Ethylene by Tandem Action of Iron and Zirconium Single Site Catalysts. <i>Macromolecules</i> , <b>2001</b> , 34, 2411-2417	5.5	98

1723	13C and 2D NMR Analysis of Propylene Polymers Made with ⊞-Diimine Late Metal Catalysts ☐ <i>Macromolecules</i> , <b>2001</b> , 34, 362-371	5.5	80
1722	Alternating stereospecific copolymerization of ethylene and propylene with metallocene catalysts. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 9555-63	16.4	62
1721	Pyridinecarboxamidato Nickel (II) Complexes. Organometallics, 2001, 20, 5425-5431	3.8	96
1720	Anionic ansa-Zirconocenes with Pentafluorophenyl-Substituted Borato Bridges. <i>Organometallics</i> , <b>2001</b> , 20, 2093-2101	3.8	31
1719	Syndiospecific Propylene Polymerization with C1 Symmetric Group 4 ansa-Metallocene Catalysts <i>Macromolecules</i> , <b>2001</b> , 34, 2072-2082	5.5	21
1718	Synthesis and characterization of fluorinated tris(pyrazolyl)borate complexes. Observation of an (eta 5-pyrazole)-K+ interaction in the solid state. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 667-71	5.1	38
1717	Well-Defined Polystyrene Grafted to Polypropylene Backbone by Living Radical Polymerization with TEMPO. <i>Macromolecules</i> , <b>2001</b> , 34, 2089-2094	5.5	66
1716	Olefin Polymerization at Aluminum? A Theoretical Study. <i>Organometallics</i> , <b>2001</b> , 20, 4721-4726	3.8	36
1715	A Family of Zirconium Complexes Having Two Phenoxylmine Chelate Ligands for Olefin Polymerization. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 6847-6856	16.4	412
1714	Ethylene Polymers, LLDPE. <b>2001</b> ,		7
1714 1713	Postulation of the mechanism of the selective synthesis of isotactic poly(methyl methacrylate)	4.8	7
, ·	Postulation of the mechanism of the selective synthesis of isotactic poly(methyl methacrylate) catalysed by [Zr[(Cp)(Ind)CMe2](Me)(thf)](BPh4): a Hartree-Fock, MP2 and density functional study.	4.8	
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1382	Structural Characterization of Syndiotactic PropyleneBtyreneEthylene Terpolymers. <i>Macromolecules</i> , <b>2003</b> , 36, 7119-7125	5.5	7

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1366	Selectivity of Metallocene-Catalyzed Olefin Polymerization: A Combined Experimental and Quantum Mechanical Study. The ansa-Me2Si(Ind)2Zr and ansa-Me2C(Cp)(Flu)Zr Systems. <i>Macromolecules</i> , <b>2003</b> , 36, 8171-8177	5.5	34
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1360	Chiral Titanium Bis(aminopyridinates) Based on a Biaryl Backbone. <i>Organometallics</i> , <b>2003</b> , 22, 2972-297	<b>6</b> 3.8	34
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1353	Preparation of ansa-Niobocene and ansa-Tantalocene Olefin Hydride Complexes as Transition State Analogues in Metallocene-Catalyzed Olefin Polymerization. <i>Organometallics</i> , <b>2003</b> , 22, 172-187	3.8	36
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1347	Effect of aryloxo ligand for ethylene polymerization by (arylimido)(aryloxo)vanadium(V) complexesMAO catalyst systems: attempt for polymerization of styrene. <b>2003</b> , 4, 159-164		39
1346	Syndiospecific styrene polymerization by (tert-BuC5H4)TiCl2(O-2,6-iPr2C6H3) lborate catalyst system. <b>2003</b> , 4, 269-274		18

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1343	Syntheses, Structural Characterizations, and Catalytic Behavior of ansa-Metallocene Complexes Derived from 1,1-Dicyclopentadienyl-1-silacycloalkanes. <i>Organometallics</i> , <b>2003</b> , 22, 3958-3966	3.8	14
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805	Synthesis, characterization and catalytic behaviour of ansa-zirconocene complexes containing tetraphenylcyclopentadienyl rings: X-ray crystal structures of [Zr{Me2Si(店-C5Ph4)(店-C5H3R)}Cl2] (R = H, But). <i>Journal of Organometallic Chemistry</i> , <b>2008</b> , 693, 601-610	2.3	12	
804	(Amidomethyl)pyridine zirconium and hafnium complexes: Synthesis and structural characterization. <i>Journal of Organometallic Chemistry</i> , <b>2008</b> , 693, 1572-1589	2.3	35	
803	Isomerization in bent phosphametallocenes: Combining rotational barriers and the intramolecular slip-inversion-slip mechanism to control stereo-conformation. <i>Journal of Organometallic Chemistry</i> , <b>2008</b> , 693, 2415-2423	2.3	6	
802	Syntheses of rac/meso-{PhP(3-t-Bu-C5H3)2}-Zr{RN(CH2)3NR}, structural analyses of rac-{PhP(3-t-Bu-C5H3)2}Zr{RN(CH2)3NR} (where R is SiMe3 or Ph), and meso to rac isomerization. Journal of Organometallic Chemistry, <b>2008</b> , 693, 3741-3750	2.3	4	
801	Synthesis and characterization of titanium ketimide complexes Ti(NCtBu2)nCl4[] (n=1, 2): Ethylene polymerization studies. <b>2008</b> , 133-135, 647-653		3	
800	Solution structure, dynamics and speciation of perfluoroaryl boranes through 1H, 11B and 19F NMR spectroscopy. <b>2008</b> , 252, 2292-2313		86	
799	Ethylene polymerization using dealuminated ZSM-2 zeolite nanocrystals as an active metallocene catalyst support. <b>2008</b> , 347, 223-233		22	
798	Bis(indenyl)hafnium Chemistry: Ligand-Induced Haptotropic Rearrangement and Fundamental Reactivity Studies at a Reduced Hafnium Center. <i>Organometallics</i> , <b>2009</b> , 28, 2471-2484	3.8	9	
797	Coordination Addition Polymerization and Kinetic Resolution of Methacrylamides by Chiral Metallocene Catalysts. <i>Macromolecules</i> , <b>2009</b> , 42, 1462-1471	5.5	27	
796	Mechanism of the Reaction of Alkynes with a Lonstrained Geometry Zirconaaziridine. PMe3 Dissociates More Rapidly from the Constrained Geometry Complex than from its Cp2 Analogue. <i>Organometallics</i> , <b>2009</b> , 28, 493-498	3.8	19	
795	Synthesis and structural analysis of half-titanocenes containing eta(2)-pyrazolato ligands, and their use in catalysis for ethylene polymerization. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 5011-20	5.1	13	
794	Syntheses, Reactions, and Ethylene Polymerization of Titanium Complexes with [N, O, S] Ligands. <i>Organometallics</i> , <b>2009</b> , 28, 1872-1877	3.8	33	
793	Structure and Enhanced Reactivity of Chromocene Carbonyl Confined inside Cavities of NaY Zeolite. <b>2009</b> , 113, 7305-7315		28	
792	Synthesis of Early Transition Metal Bisphenolate Complexes and Their Use as Olefin Polymerization Catalysts. <i>Macromolecules</i> , <b>2009</b> , 42, 8751-8762	5.5	64	
791	Low-Valent Pentafulvene Titanium Dinitrogen Complex as a Precursor for Cationic Titanium Complexes. <i>Organometallics</i> , <b>2009</b> , 28, 6969-6974	3.8	26	
790	Proximity and cooperativity effects in binuclear d(0) olefin polymerization catalysis. theoretical analysis of structure and reaction mechanism. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 397	4- <del>1</del> 844	63	
789	Synthesis and Structural Analysis of (Cyclopentadienyl)(pyrrolide)titanium(IV) Complexes and Their Use in Catalysis for Olefin Polymerization. <i>Organometallics</i> , <b>2009</b> , 28, 111-122	3.8	31	
788	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 Alfi Bond. Organometallics 2009, 28, 2554-2562	3.8	9	

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786	MIL/SIIL Preferential Reactivity in Chlorosilyl-Substituted Cyclopentadienyl Early Transition Metal Complexes in Reactions with Amines: Key to Understanding the Nature of the Final Product. <i>Organometallics</i> , <b>2009</b> , 28, 6975-6980	3.8	8
785	Half-titanocenes containing anionic ancillary donor ligands as promising new catalysts for precise olefin polymerisation. <i>Dalton Transactions</i> , <b>2009</b> , 8811-23	4.3	128
784	Ethylene/Norbornene Copolymerization Behavior of Bis(phenoxylmine)Ti Complexes Combined with MAO. <i>Macromolecules</i> , <b>2009</b> , 42, 4359-4361	5.5	36
783	Octa- and Nonamethylfluorenyl Complexes of Zirconium(IV): Reactive Hydride Derivatives and Reversible Hydrogen Migration between the Metal and the Fluorenyl Ligand. <i>Organometallics</i> , <b>2009</b> , 28, 2285-2293	3.8	9
782	Synthesis, structure, and olefin polymerization activity of titanium complexes bearing asymmetric tetradentate [OSNO]-type bis(phenolato) ligands. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 7378-88	5.1	37
781	Stereoregularity, Regioselectivity, and Dormancy in Polymerizations Catalyzed by C1-Symmetric Fluorenyl-Based Metallocenes. A Theoretical Study Based on Density Functional Theory.  Organometallics, 2009, 28, 2609-2618	3.8	21
780	Group 4 Metal Complexes Supported by [ONNO]-Type Bis(o-aminophenolato) Ligands: Synthesis, Structure, and ⊞-Olefin Polymerization Activity. <i>Organometallics</i> , <b>2009</b> , 28, 5159-5165	3.8	38
779	New application for metallocene catalysts in olefin polymerization. <i>Dalton Transactions</i> , <b>2009</b> , 8803-10	4.3	104
778	Palladium-Catalyzed Cross-Coupling Reactions of Bromo-Substituted Group 4 Metallocenes. Organometallics, <b>2009</b> , 28, 3614-3617	3.8	8
777	Copolymerization of Ethylene with tert-Butylethylene Using Nonbridged Half-Titanocene-Cocatalyst Systems. <i>Macromolecules</i> , <b>2009</b> , 42, 3767-3773	5.5	30
776	Catalyst Nuclearity Effects in Olefin Polymerization. Enhanced Activity and Comonomer Enchainment in Ethylene + Olefin Copolymerizations Mediated by Bimetallic Group 4 Phenoxyiminato Catalysts. <i>Macromolecules</i> , <b>2009</b> , 42, 1920-1933	5.5	85
775	Coordination polymerization of polar vinyl monomers by single-site metal catalysts. <b>2009</b> , 109, 5157-21	4	459
774	Coordination-insertion copolymerization of fundamental polar monomers. <b>2009</b> , 109, 5215-44		669
773	Copolymerization of Ethylene with $\oplus$ -Olefins Containing Various Substituents Catalyzed by Half-Titanocenes: Factors Affecting the Monomer Reactivities. <i>Macromolecules</i> , <b>2009</b> , 42, 4585-4595	5.5	37
772	Complexes of Mg, Ca and Zn as homogeneous catalysts for lactide polymerization. <i>Dalton Transactions</i> , <b>2009</b> , 4832-46	4.3	399
771	Discovery and Development of FI Catalysts for Olefin Polymerization: Unique Catalysis and Distinctive Polymer Formation. <i>Topics in Organometallic Chemistry</i> , <b>2009</b> , 3-46	0.6	39
770	Syntheses, characterization, and ethylene polymerization of titanium and zirconium complexes with [N, O] ligands. <i>Dalton Transactions</i> , <b>2009</b> , 8838-45	4.3	24

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769	Formation and Nature of the Active Sites in Bis(imino)pyridine Iron-Based Polymerization Catalysts. <i>Organometallics</i> , <b>2009</b> , 28, 3225-3232	3.8	80
768	∰Agostic Interactions in 15-Valence-Electron 9-BBN Hydroborate Half-Sandwich Titanium(III) Complexes. <i>Organometallics</i> , <b>2009</b> , 28, 3973-3980	3.8	8
767	Uni et Trinilln Situ Diversification of (Pyridylamide)hafnium(IV) Catalysts. <i>Macromolecules</i> , <b>2009</b> , 42, 4369-4373	5.5	53
766	An investigation of the influence of R on the abilities of the polar monomers CH2=CH(CH2)8OR (R = Me, PhCH2, Ph3C, Me3Si, Ph3Si) to participate in O- rather than eta(2)-coordination to metallocene alkene polymerization catalysts; an unanticipated role for ether oxygen coordination in promoting	4.3	11
765	Landmarks in Organo-Transition Metal Chemistry. <b>2009</b> ,		24
764	Synthesis of the tetracyclic core of the neomangicols using a late-stage indene alkylation. <b>2009</b> , 11, 312	28-31	25
763	Propylene Polymerization with Cyclopentadienyltitanium(IV) Hydroxylaminato Complexes. <i>Organometallics</i> , <b>2009</b> , 28, 405-412	3.8	18
762	Ancillary Ligand and Ketone Substituent Effects on the Rate of Ketone Insertion into Zr <b>(</b> Bonds of Zirconocene <b>(</b> 1-Aza-1,3-diene Complexes. <i>Organometallics</i> , <b>2009</b> , 28, 2938-2946	3.8	9
761	Synthesis of (Arylimido)vanadium(V) Complexes Containing (2-Anilidomethyl)pyridine Ligands and Their Use as the Catalyst Precursors for Olefin Polymerization. <i>Organometallics</i> , <b>2009</b> , 28, 5925-5933	3.8	45
760	Molecular Weight and Branching Distribution of a High Performance Metallocene Ethylene 1-Hexene Copolymer Film-Grade Resin. <b>2009</b> , 282, 1-13		24
759	A Scientific Revolution: The Discovery of the Sandwich Complexes. <b>2009</b> , 1-48		
758	Product Morphology in Olefin Polymerization with Polymer Supported Metallocene Catalysts. <b>2010</b> , 261-289		
757	Design of postmetallocene catalytic systems of aryliminetype for olefins polymerization: XIII. Synthesis of tetradentate bis(2-hydroxy-1-naphthaldimine) ligands and their complexes with titanium(IV) dichloride. <b>2010</b> , 46, 746-752		4
756	Copolymerization of propylene with 1-octene initiated by highly efficient isospecific metallocene catalytic systems. <b>2010</b> , 52, 15-25		11
755	Metal catalysts for μ-caprolactone polymerisation. <b>2010</b> , 1, 801		310
754	Synthesis, solid state and DFT structure and olefin polymerization capability of a unique base-free dimeric methyl titanium dication. <b>2010</b> , 46, 3339-41		22
753	Ketene functionalized polyethylene: control of cross-link density and material properties. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 14706-9	16.4	65
752	Recent progress of catalytic polymerization for controlling polymer topology. <b>2010</b> , 5, 1058-70		59

751	Comparative Theoretical Study on Homopolymerization of <code>\(\alpha\)-Olefins by Bis(cyclopentadienyl)</code> Zirconocene and Hafnocene: Elemental Propagation and Termination Reactions between Monomers and Metals. <i>Organometallics</i> , <b>2010</b> , 29, 1541-1550	3.8	36
750	From limestone to catalysis: application of calcium compounds as homogeneous catalysts. <b>2010</b> , 110, 3852-76		482
749	Facile preparation of trimethylsilylphosphaalkyne and its conversion to polyphospholide anions. <b>2010</b> , 13, 1073-1081		24
748	Synthesis of stereoblock polypropylene by change of temperature in living polymerization. <b>2010</b> , 18, 737-741		13
747	Syndiospecific Styrene Polymerization and Ethylene/Styrene Copolymerization Using Half-Titanocenes: Ligand Effects and Some New Mechanistic Aspects. <b>2010</b> , 14, 33-49		20
746	Comparative ethylene polymerization using FI-like zirconium based catalysts. <b>2010</b> , 101, 429-442		13
745	Syntheses of some new group 4 non-Cp complexes bearing schiff-base, thiophene diamide ligands respectively and their catalytic activities for ∃-olefin polymerization. <b>2010</b> , 22, 577-584		5
744	Synthesis and Structure of Trisilane-1,3-diyl ansa Half-Sandwich Complexes of Group 6 Metals. <i>European Journal of Inorganic Chemistry</i> , <b>2010</b> , 2010, 5383-5385	2.3	6
743	Cyclopolymerization and copolymerization of functionalized 1,6-heptadienes catalyzed by Pd complexes: mechanism and application to physical-gel formation. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 8662-78	4.8	42
742	Trinuclear alumoxanes with an acyclic Al-O-Al-O-Al core and studies of their reactivity. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 12530-3	4.8	6
741	Polyethylen aus der Natur. Angewandte Chemie, 2010, 122, 8744-8746	3.6	19
740	Programmable Modulation of Co-monomer Relative Reactivities for Living Coordination Polymerization through Reversible Chain Transfer between Tight and Toose Ion Pairs. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 9326-9330	3.6	13
739	Nature's polyethylene. Angewandte Chemie - International Edition, 2010, 49, 8564-6	16.4	58
738	Programmable modulation of co-monomer relative reactivities for living coordination polymerization through reversible chain transfer between "tight" and "loose" ion pairs. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 9140-4	16.4	49
737	Ethylene/propylene copolymerization over three conventional C2-symmetric metallocene catalysts: Correlation between catalyst configuration and copolymer microstructure. <b>2010</b> , 118, 3218-3226		16
736	A New Family of High-Performance Ti Catalysts for Olefin Polymerization. <b>2010</b> , 211, 2339-2346		8
735	Gamma polymorph and branching formation as inductors of resistance to electron beam irradiation in metallocene isotactic polypropylene. <b>2010</b> , 95, 462-469		18
734	Chain walking copolymerization of ethylene with cyclopentene Effect of ring incorporation on polymer chain topology. <b>2010</b> , 51, 597-605		22

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733	Silylium the tallocenium dications derived from hydrosilyl-bridged metallocenes and roles in polymerization of polar and nonpolar vinyl monomers. <i>Journal of Organometallic Chemistry</i> , <b>2010</b> , 695, 1464-1471	2.3	4
732	Highly fluorous zirconocene(IV) complexes and their catalytic applications in the polymerization of ethylene. <i>Journal of Organometallic Chemistry</i> , <b>2010</b> , 695, 1794-1800	2.3	6
731	Ethylene homopolymerization and ethylene/1-hexene copolymerization catalysed by mixed salicylaldiminato cyclopentadienyl zirconium complexes. <b>2010</b> , 363, 2009-2015		10
730	The role of the ionic radius in the ethylene polymerization catalyzed by new group 3 and lanthanide scorpionate complexes. <b>2010</b> , 317, 54-60		16
729	Conformational analysis and vibrational circular dichroism study of a chiral metallocene catalyst. <b>2010</b> , 970, 101-105		9
728	An efficient one-pot method for the synthesis of mono- and biscyclopentenones via zirconium-catalyzed cycloalumination of cyclic alkynes and diynes. <b>2010</b> , 51, 5886-5888		14
727	Metallocene catalyst supported on silicalhagnesia xerogels for ethylene polymerization. <b>2010</b> , 382, 106-114		9
726	Quantum chemical insights into the initiation mechanism of transition metal catalysed polymerisation of isobutene. <b>2010</b> , 384, 154-164		5
725	Niobium complexes as catalytic precursors for the polymerization of olefins. <b>2010</b> , 254, 525-536		50
724	Well-defined single-site thiobis(phenolate) Group 4 metal catalysts for heterogeneous olefin polymerization. <b>2010</b> , 254, 2227-2233		20
723	Copolymerization of ethylene with 1-hexene promoted by novel multi-chelated non-metallocene complexes with imine bridged imidazole ligand. <b>2010</b> , 48, 417-424		13
722	Stereospecific styrene polymerization and ethylenetyrene copolymerization with titanocenes containing a pendant amine donor. <b>2010</b> , 48, 1579-1585		12
721	Positron spectroscopy analysis in metallocene propylene/1-octadecene copolymers: Parameters dependence on monoclinic and mesomorphic polymorphs. <b>2010</b> , 48, 1994-2002		1
720	FI Catalysts: Unique Olefin Polymerization Catalysis for Formation of Value-added Olefin-based Materials. <b>2010</b> , 53, 111-129		15
719	Chemoselectivity in the Dehydrocoupling Synthesis of Higher Molecular Weight Polysilanes. <b>2010</b> , 3, 1125-1137		4
718	New Approaches in Precise Synthesis of Polyolefins Containing Polar Functionalities by Olefin Copolymerizations Using Transition Metal Catalysts. <b>2010</b> , 68, 1150-1158		14
717	New binuclear half-titanocene derivatives with aryl-substituted cyclopentadienyl ligands: synthesis, structures, and catalytic properties. <b>2010</b> , 63, 3880-3887		
716	Tuning the Steric Properties of a Metathesis Catalyst for Copolymerization of Norbornene and Cyclooctene toward Complete Alternation. <i>Organometallics</i> , <b>2010</b> , 29, 2735-2751	3.8	56

715	Zirconium Alkyl Complexes Supported by Ureate Ligands: Synthesis, Characterization, and Precursors to Metal <b>E</b> lement Multiple Bonds Organometallics, <b>2010</b> , 29, 5162-5172	3.8	21
714	Polymerization in Supercritical Carbon Dioxide. <b>2010</b> , 303		
713	☑,᠒-N-[(N,N-Dimethylamino)dimethylsilyl]-2,6-diisopropylanilido Metal (Li, Zr, Hf) Compounds and the Catalytic Behaviors of the IVB Compounds in Ethylene (Co)Polymerization  Organometallics, 2010, 29, 2085-2092	3.8	29
712	Rotating Benzyl Substituent in ansa-Bis(indenyl)zirconocenes Controls Propene Polymerization. <i>Organometallics</i> , <b>2010</b> , 29, 4018-4024	3.8	9
711	C1-Symmetric Pentacoordinate Anilidopyridylpyrrolide Zirconium(IV) Complexes as Highly Isospecific Olefin Polymerization Catalysts. <i>Macromolecules</i> , <b>2010</b> , 43, 8887-8891	5.5	24
710	Designing late-transition metal catalysts for olefin insertion polymerization and copolymerization. <b>2010</b> , 46, 7879-93		216
709	(Imido)vanadium(V)-alkyl, -alkylidene complexes exhibiting unique reactivity towards olefins and alcohols. <b>2010</b> , 1, 161		68
708	Mechanistic detail revealed via comprehensive kinetic modeling of [rac-C(2)H4(1-indenyl)2ZrMe2]-catalyzed 1-hexene polymerization. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 558-66	16.4	43
707	Structure and Reactivity of Neutral and Cationic trans-N,N?-Dibenzylcyclam Zirconium Alkyl Complexes. <i>Organometallics</i> , <b>2010</b> , 29, 3753-3764	3.8	27
706	Structure of zirconocene complexes relevant for olefin catalysis: infrared fingerprint of the Zr(C(5)H(5))(2)(OH)(CH(3)CN)(+) cation in the gas phase. <b>2010</b> , 114, 2073-9		16
705	Catalyst-site-controlled coordination polymerization of polar vinyl monomers to highly syndiotactic polymers. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 2695-709	16.4	55
704	Reduction-Induced Exclusive Activation of the ansa-1,2-Bis(dimethylsilylene)ethane Chain in ansa-Permethyltitanocene Compounds. <i>Organometallics</i> , <b>2010</b> , 29, 5199-5208	3.8	9
703	Synthesis, Structural Characterization, and Preliminary Reactivity Profile of a Series of Monocyclopentadienyl, Monoacetamidinate Titanium(III) Alkyl Complexes Bearing ℍydrogens. <i>Organometallics</i> , <b>2010</b> , 29, 6587-6593	3.8	11
702	Regioselective Synthesis of 1,2- and 1,3-Di(silylamido)cyclopentadienyl Zirconium Complexes. <i>Organometallics</i> , <b>2010</b> , 29, 263-268	3.8	5
701	Single Site Catalysts. <b>2010</b> , 71-84		1
700	Syntheses, Characterization, and the Ethylene (Co-)Polymerization Screening of 2-Benzimidazolyl-N-phenylquinoline-8-carboxamide Half-Titanocene Chlorides. <i>Organometallics</i> , <b>2010</b> , 29, 732-741	3.8	40
699	Activation of Terminal Alkynes by Frustrated Lewis Pairs. <i>Organometallics</i> , <b>2010</b> , 29, 125-133	3.8	179
698	ansa-Zirconocenes with Aluminum or Gallium in Bridging Positions. <i>Organometallics</i> , <b>2010</b> , 29, 6038-60	<b>44</b> 3.8	8

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696	PropeneNorbornene Copolymers. Toward a Description of Microstructure at Triad Level Based on Assignments of 13C NMR Spectra. <i>Macromolecules</i> , <b>2010</b> , 43, 4543-4556	5.5	16
695	Stereospecific octahedral group 4 bis(phenolate) ether complexes for olefin polymerization. Journal of the American Chemical Society, <b>2010</b> , 132, 5566-7	16.4	41
694	Organocatalysis: Opportunities and Challenges for Polymer Synthesis. <i>Macromolecules</i> , <b>2010</b> , 43, 2093-	2 <u>4.</u> 97	700
693	Propylene polymerization to high molecular weight atactic polypropylene and copolymerization with 1-hexene using monocyclopentadienyl titanium catalysts. <i>Dalton Transactions</i> , <b>2010</b> , 39, 2525-35	4.3	10
692	Silicon-Bridged Tetramethylcyclopentadienyl <b>P</b> henoxy Complexes of Tantalum: Preparation and Alkylation of Et2Si(Ib-C5Me4)(3-tBu-5-Me-2-C6H2O)TaCl3 and Generation of Its Cationic Complex. <i>Organometallics</i> , <b>2010</b> , 29, 2080-2084	3.8	5
691	Ethylene Polymers, HDPE. <b>2010</b> ,		
690	Recent progress in olefin polymerization catalyzed by transition metal complexes: new catalysts and new reactions. <i>Dalton Transactions</i> , <b>2010</b> , 311-28	4.3	156
689	Switched Stereocontrol in GrubbsHoveyda Complex Catalyzed ROMP Utilizing Proton-Switched NHC Ligands Organometallics, <b>2010</b> , 29, 4339-4345	3.8	58
688	Interplay of Structure and Dynamics in Macromolecular and Supramolecular Systems. <i>Macromolecules</i> , <b>2010</b> , 43, 5479-5491	5.5	68
687	Ziegler-Natta Polymerization. <b>2010</b> , 3144		O
686	Functional Group Chemistry at the Group 4 Bent Metallocene Framework: [2+2] Cycloaddition of the Parent Bis(vinyl-Cp/vinyl-Ind)ZrCl2 Systems. <i>Organometallics</i> , <b>2010</b> , 29, 860-866	3.8	8
685	(B-Azaallyl)zirconium Chlorides: Synthesis, Characterization, and Ethylene (Co-)polymerization Activity. <i>Organometallics</i> , <b>2010</b> , 29, 2132-2138	3.8	21
684	Synthesis of zirconocene silsesquioxane complexes and their ethene polymerization activity in systems with methylaluminoxane. <i>Collection of Czechoslovak Chemical Communications</i> , <b>2010</b> , 75, 105-1	19	4
683	Commercially Available Metal Alkyls and Their Use in Polyolefin Catalysts. 2010, 1-28		9
682	Chiral Catalysts. <b>2010</b> ,		
681	Mono- and bis-amidinate 2,6-xylylimido vanadium chlorides: synthesis, structure, and reactivity. <i>Dalton Transactions</i> , <b>2010</b> , 39, 5643-9	4.3	8
680	The amido-bridged zirconocene's reactivity and catalytic behavior for ethylene polymerization. <i>Dalton Transactions</i> , <b>2010</b> , 39, 807-14	4.3	6

679	Characterization of Polyethylene Synthesized by Bi-Nickel Catalysts. <b>2010</b> , 13, 13-20		2
678	Zirconium enolatoimine complexes in olefin polymerization. <i>Dalton Transactions</i> , <b>2010</b> , 39, 4612-8	4.3	10
677	Syntheses, reactions, and ethylene polymerization of half-sandwich titanium complexes containing salicylbenzoxazole and salicylbenzothiazole ligands. <i>Dalton Transactions</i> , <b>2011</b> , 40, 11914-9	4.3	19
676	Synthesis and reactivity of cationic niobium and tantalum methyl complexes supported by imido and	4.3	27
675	Polyolefindarbon nanotube composites by in-situ polymerization. <b>2011</b> , 3-24		3
674	Half-titanocenes for precise olefin polymerisation: effects of ligand substituents and some mechanistic aspects. <i>Dalton Transactions</i> , <b>2011</b> , 40, 7666-82	4.3	95
673	High-Throughput Discovery and Optimization of Hafnium Heteroaryl-amido Catalysts for the Isospecific Polymerization of Propylene. <i>ACS Catalysis</i> , <b>2011</b> , 1, 887-900	13.1	21
672	2-(1-(Arylimino)propyl)quinolin-8-olate half-titanocene dichlorides: synthesis, characterization and ethylene (co-)polymerization behaviour. <i>Dalton Transactions</i> , <b>2011</b> , 40, 6802-9	4.3	15
671	Half-zirconocene anilide complexes: synthesis, characterization and catalytic properties for ethylene polymerization and copolymerization with 1-hexene. <i>Dalton Transactions</i> , <b>2011</b> , 40, 4715-21	4.3	10
670	o-Diarylphosphinoferrocene Sulfonate Palladium Systems for Nonalternating Ethene <b>(</b> arbon Monoxide Copolymerization. <i>Organometallics</i> , <b>2011</b> , 30, 5248-5257	3.8	50
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525 524 523 522 521	Exploration of the effect of 2,6-(t-Bu)2-4-Me-C6H2OH (BHT) in chain shuttling polymerization. <b>2013</b> , <i>4</i> , 4718  Chemical modification of polypropylene by nitroxide-mediated radical graft polymerization of styrene. <b>2013</b> , 22, 209-218  New Titanium(IV) Complexes with 2-Cyclopentadienylbenzylamido Ligands: Synthesis, Characterization, and Catalytic Properties for Ethylene Polymerization and Copolymerization with 1-Hexene. <i>Organometallics</i> , <b>2013</b> , 32, 4185-4191  Synthesis of transition-metal steroid derivatives. <b>2013</b> , 113, 7793-850  Synthesis, structural analysis of the hetero-bimetallic complexes MMe[(O-2,4-tBu2C6H2-6-CH2)2(\overline{Q}-O-2,4-tBu2C6H2-6-CH2)N][Me2Al(\overline{Q}-OiPr)] [M = Zr, Hf] and their use in catalysis for ethylene polymerisation. <i>Dalton Transactions</i> , <b>2013</b> , 42, 11632-9	3.8	21 20 10 38

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516	Stereoselective CN Bond Formation by Hydroamination of Olefins, Alkyne, Allenes, and Dienes. <b>2013</b> , 487-520		
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45 <sup>2</sup> 45 <sup>1</sup> 45 <sup>0</sup>	Using Metallocene Catalysts. <b>2014</b> , 8, 796-804  Olefin Polymerization with Non-metallocene Catalysts (Early Transition Metals). <b>2014</b> , 89-117  Metallocene Based Polyolefin Nanocomposites. <b>2014</b> , 7, 1995-2013  The Mannich Route to Amino-Functionalized [3]Ferrocenophanes. <b>2014</b> , 219-259  The Influence of Ziegler-Natta and Metallocene Catalysts on Polyolefin Structure, Properties, and		22
45 <sup>2</sup> 45 <sup>1</sup> 45 <sup>0</sup>	Using Metallocene Catalysts. 2014, 8, 796-804  Olefin Polymerization with Non-metallocene Catalysts (Early Transition Metals). 2014, 89-117  Metallocene Based Polyolefin Nanocomposites. 2014, 7, 1995-2013  The Mannich Route to Amino-Functionalized [3]Ferrocenophanes. 2014, 219-259  The Influence of Ziegler-Natta and Metallocene Catalysts on Polyolefin Structure, Properties, and Processing Ability. 2014, 7, 5069-5108		22 2 111

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423	Synthesis and Characterization of Well-Controlled Isotactic Polypropylene Ionomers Containing Ammonium Ion Groups. <i>Macromolecules</i> , <b>2014</b> , 47, 571-581	5.5	42
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246	Polyolefins, a Success Story. <i>Polymers</i> , <b>2017</b> , 9,	4.5	97
245	Propene Polymerization with CESymmetric Fluorenyl-Metallocene Catalysts. <i>Polymers</i> , <b>2017</b> , 9,	4.5	6
244	Substituent Effects of Adamantyl Group on Amido Ligand in Syndiospecific Polymerization of Propylene with Ansa-Dimethylsilylene(Fluorenyl)(Amido) Zirconium Complex. <i>Polymers</i> , <b>2017</b> , 9,	4.5	2
243	A New Synthetic Approach for Optically Active Polymers via Asymmetric Polymerization. <b>2017</b> , 74, 419-	429	4
242	Steric factors on unsymmetrical O -hydroxyaryl N -Heterocyclic carbene ligands prevailing the stabilization of single stereoisomer of bis-ligated titanium complexes. <i>Journal of Organometallic Chemistry</i> , <b>2018</b> , 860, 106-116	2.3	5
241	Synthesis and catalytic reactivity in Friedel@rafts acylations of monobridged bis(cyclopentadienyl)molybdenum(I) carbonyl complexes. <i>Polyhedron</i> , <b>2018</b> , 147, 75-79	2.7	1
240	A monoanionic NNNN-type macrocyclic ligand for electropositive metal centers. <b>2018</b> , 54, 2701-2714		13
239	Ethylene Copolymerization with 4-Methylcyclohexene or 1-Methylcyclopentene by Half-Titanocene Catalysts: Effect of Ligands and Microstructural Analysis of the Copolymers. <i>Macromolecules</i> , <b>2018</b> , 51, 853-863	5.5	12
238	Transition-Metal Complexes Featuring Dianionic Heavy Group 14 Element Aromatic Ligands. <b>2018</b> , 51, 160-169		44
237	Role of the Counteranion in the Reaction Mechanism of Propylene Polymerization Catalyzed by a (Pyridylamido)hafnium(IV) Complex. <i>Organometallics</i> , <b>2018</b> , 37, 343-349	3.8	12
236	Sodium naphthalenide reduction of 1,3diphenyld(tert-butyl) fulvene: Stabilizing Eu2+ with a sterically demanding ansaligand framework. <i>Journal of Organometallic Chemistry</i> , <b>2018</b> , 857, 200-206	2.3	3
235	Triazolecarboxamidate Donors as Supporting Ligands for Nickel Olefin Polymerization Catalysts. <i>Organometallics</i> , <b>2018</b> , 37, 254-260	3.8	6
234	Strong Preference of the Redox-Neutral Mechanism over the Redox Mechanism for the Ti Catalysis Involved in the Carboamination of Alkyne with Alkene and Diazene. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 7010-7025	4.8	11
233	A zwitterionic aluminabenzene-alkylzirconium complex having half-zirconocene structure: synthesis and application for additive-free ethylene polymerization. <b>2018</b> , 54, 4180-4183		8
232	Structural diversity in pyridine and polypyridine adducts of ring slipped manganocene: correlating ligand steric bulk with quantified deviation from ideal hapticity. <i>Dalton Transactions</i> , <b>2018</b> , 47, 5171-518	3 <del>d</del> .3	4
231	Bridging the Gap between Industrial and Well-Defined Supported Catalysts. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 6398-6440	16.4	134
230	Eine Bräke zwischen industriellen und wohldefinierten Träerkatalysatoren. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 6506-6551	3.6	31

229	Rheological analysis of irradiated crosslinkable and scissionable polymers used for medical devices under different radiation conditions. <b>2018</b> , 144, 298-303		3
228	Synthesis and catalytic performance of a new post-metallocene titanium complex having asymmetric tetradentate [ONSO]-type amino acid-based chelating ligand for acrylate polymerization at room temperature in aqueous emulsion. <b>2018</b> , 296, 107-119		1
227	Efficient ethylene copolymerization with polar monomers using palladium anilinonaphthoquinone catalysts. <b>2018</b> , 9, 5476-5482		15
226	Substituent Effects of Phenyl Group on Silylene Bridge in Stereospecific Polymerization of Propylene with CESymmetric Ansa-Silylene(fluorenyl)(amido) Dimethyl Titanium Complexes. <i>Polymers</i> , <b>2018</b> , 10,	4.5	2
225	Attractive Interactions in Olefin Polymerization Controlled Chain Transfer. 2018, 75, 486-496		
224	Connection of Stereoselectivity, Regioselectivity, and Molecular Weight Capability in rac-R?2Si(2-Me-4-R-indenyl)2ZrCl2 Type Catalysts. <i>Macromolecules</i> , <b>2018</b> , 51, 8073-8083	5.5	32
223	Polymerization of Polar Monomers Mediated by Main-Group Lewis Acid-Base Pairs. <b>2018</b> , 118, 10551-10	616	139
222	Synthesis and Structure of Syndiotactic Poly(3-methyl-1-butene): A Case of 3/1 Helical Conformation for Syndiotactic Polymers. <i>Macromolecules</i> , <b>2018</b> , 51, 8574-8584	5.5	5
221	A Unified Approach to Customized Chiral Carbon-Bridged ansa-Metallocenes. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 16532-16536	4.8	4
220	Atypical Multiple Site Behavior of Hafnocene Catalysts in Ethylene/1-Hexene Copolymerization Using Trioctylaluminum and Borate. <i>Macromolecules</i> , <b>2018</b> , 51, 7061-7076	5.5	10
219	Homo- and Co-Polymerization of Ethylene with Cyclic Olefins Catalyzed by Phosphine Adducts of (Imido)vanadium(IV) Complexes. <i>Organometallics</i> , <b>2018</b> , 37, 3181-3195	3.8	12
218	Crystal structures and polymorphism of polymers: Influence of defects and disorder. <b>2018</b> , 1, e10015		16
217	Metallocenic polyolefin composites with siloxane polymer additives. <b>2018</b> , 151, 205-210		1
216	Graphene-metal hybrid metamaterials for strong and tunable circular dichroism generation. <b>2018</b> , 43, 2636-2639		26
215	,-chelated nickel catalysts for highly branched polyolefin elastomers: a survey. <b>2018</b> , 5, 180367		28
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213	Industrial Metal Alkyls and Their Use in Polyolefin Catalysts. <b>2018</b> , 1-30		1
212	Product Morphology in Olefin Polymerization with Polymer-Supported Metallocene Catalysts. <b>2018</b> , 369-400		

211	Insertion of Isonitriles into the M-C Bonds of Group 4 Dialkyl Complexes. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 8980-8989	16.4	3
<b>2</b> 10	Ring Slippage and Dissociation of Pentamethylcyclopentadienyl Ligand in an (IБ-Cp*)Ir Complex with a B-O,C,O Tridentate Calix[4]arene Ligand under Mild Conditions. <i>Organometallics</i> , <b>2018</b> , 37, 1829-	1832	8
209	Stereochemical enhancement of polymer properties. <b>2019</b> , 3, 514-535		94
208	Synthesis of Half-Titanocenes Containing Anionic N-Heterocyclic Carbenes That Contain a Weakly Coordinating Borate Moiety, Cp?TiX2(WCA-NHC), and Their Use as Catalysts for Ethylene (Co)polymerization. <i>Organometallics</i> , <b>2019</b> , 38, 3233-3244	3.8	20
207	Effect of supported MAO cocatalysts in ethylene polymerization and ethylene/1-hexene copolymerization using Cp*TiCl2(O-2,6- Pr2C6H3) catalyst. <b>2019</b> , 475, 110490		1
206	Oxygen Effect in Heteromultimetallic Catalysis: Oxygen-Bridged Catalysts for Olefin Polymerization Process. <i>Topics in Organometallic Chemistry</i> , <b>2019</b> , 271-306	0.6	
205	XAS Analysis of Reactions of (Arylimido)vanadium(V) Dichloride Complexes Containing Anionic NHC That Contains a Weakly Coordinating B(CF) Moiety (WCA-NHC) or Phenoxide Ligands with Al Alkyls: A Potential Ethylene Polymerization Catalyst with WCA-NHC Ligands. <b>2019</b> , 4, 18833-18845		21
204	Solution XAS Analysis for Exploring Active Species in Syndiospecific Styrene Polymerization and 1-Hexene Polymerization Using Half-TitanoceneMAO Catalysts: Significant Changes in the Oxidation State in the Presence of Styrene. <i>Organometallics</i> , <b>2019</b> , 38, 4497-4507	3.8	11
203	Stereosequenced crystalline polyhydroxyalkanoates from diastereomeric monomer mixtures. <b>2019</b> , 366, 754-758		57
202	Recent Trends in Catalytic Polymerizations. ACS Catalysis, 2019, 9, 11153-11188	13.1	108
202	Recent Trends in Catalytic Polymerizations. <i>ACS Catalysis</i> , <b>2019</b> , 9, 11153-11188  Recent Advances in the Synthesis of Indenes. <b>2019</b> , 2019, 7401-7419	13.1	108
			13
201	Recent Advances in the Synthesis of Indenes. <b>2019</b> , 2019, 7401-7419		13
201	Recent Advances in the Synthesis of Indenes. <b>2019</b> , 2019, 7401-7419  DFT and QSAR Studies of Ethylene Polymerization by Zirconocene Catalysts. <i>ACS Catalysis</i> , <b>2019</b> , 9, 933  Reactivity Studies of a Bis(III): Di-benzofulvene) titanium Complex Including Simultaneous NH	9 <sub>1</sub> 9349	13
201	Recent Advances in the Synthesis of Indenes. <b>2019</b> , 2019, 7401-7419  DFT and QSAR Studies of Ethylene Polymerization by Zirconocene Catalysts. <i>ACS Catalysis</i> , <b>2019</b> , 9, 933  Reactivity Studies of a Bis(ID:III-benzofulvene)titanium Complex Including Simultaneous NIII and C(sp2)III Activation of Dibenzylamine. <i>Organometallics</i> , <b>2019</b> , 38, 3760-3767  Ethylene-Bridged Hexadentate Bis(amidines) and Bis(amidinates) with Variable Binding Sites. <b>2019</b> ,	9 <sub>1</sub> 9349	13 9 17 1
201 200 199	Recent Advances in the Synthesis of Indenes. 2019, 2019, 7401-7419  DFT and QSAR Studies of Ethylene Polymerization by Zirconocene Catalysts. ACS Catalysis, 2019, 9, 933  Reactivity Studies of a Bis(III)-benzofulvene)titanium Complex Including Simultaneous NH and C(sp2)H Activation of Dibenzylamine. Organometallics, 2019, 38, 3760-3767  Ethylene-Bridged Hexadentate Bis(amidines) and Bis(amidinates) with Variable Binding Sites. 2019, 84, 14217-14226	9±9 <b>3</b> 49	13 9 17 1 6
201 200 199 198	Recent Advances in the Synthesis of Indenes. 2019, 2019, 7401-7419  DFT and QSAR Studies of Ethylene Polymerization by Zirconocene Catalysts. ACS Catalysis, 2019, 9, 933  Reactivity Studies of a Bis(III: III-benzofulvene) titanium Complex Including Simultaneous NIII and C(sp2) Activation of Dibenzylamine. Organometallics, 2019, 38, 3760-3767  Ethylene-Bridged Hexadentate Bis(amidines) and Bis(amidinates) with Variable Binding Sites. 2019, 84, 14217-14226  Bulky cationic Idiketiminate magnesium complexes. Dalton Transactions, 2019, 48, 5560-5568  Synthesis of MCM-41 Immobilized (Phenoxy) Imine Palladium(II) Complexes as Recyclable Catalysts	9±9349 3.8 4·3	13 9 17 1 6 24

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192	Synthesis and Electrospinning of Polycaprolactone from an Aluminium-Based Catalyst: Influence of the Ancillary Ligand and Initiators on Catalytic Efficiency and Fibre Structure. <i>Polymers</i> , <b>2019</b> , 11,	.5	6	
191	Strategies for the Synthesis of Chiral Carbon-Bridged Group IV ansa-Metallocenes. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 10531-10545	.8	12	
190	Synthesis of Ultrahigh Molecular Weight Polymers with Low PDIs by Polymerizations of 1-Decene, 1-Dodecene, and 1-Tetradecene by Cp*TiMe(O-2,6-PrCH)?Borate Catalyst. <b>2019</b> , 24,		5	
189	Discrete iron-based complexes: Applications in homogeneous coordination-insertion polymerization catalysis. <b>2019</b> , 390, 127-170		22	
188	Radically Initiated Group Transfer Polymerization of Methacrylates by Titanium Amino-Phenolate Complexes. <i>Macromolecules</i> , <b>2019</b> , 52, 3252-3256	.5	3	
187	Tacticity, Regio and Stereoregularity. <b>2019</b> , 1-35		3	
186	Low-valent ansa-dimethylsilylene-, dimethylmethylene-bis(cyclopentadienyl) titanium compounds and ansa-titanium agnesium complexes. <i>Journal of Organometallic Chemistry</i> , <b>2019</b> , 889, 15-26	.3	1	
185	Regioselective Polymerizations of ⊞-Olefins with an ⊞-Diamine Nickel Catalyst. <b>2019</b> , 37, 959-965		11	
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181	Theoretical Study of Divalent Bis(Pentaisopropylcyclopentadienyl) Actinocenes. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 16004-16010	.1	6	
180	Catalyst design insights from modelling a titanium-catalyzed multicomponent reaction. <b>2019</b> , 220, 208-23	0	2	
179	Ethylene polymerization using immobilized fluorine-containing bis-salicylidenimine-titanium complexes. <b>2019</b> , 68, 2114-2118		4	
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177	Cp2ZrHCl induced catalytic chain scission of diene-based polymers under mild conditions: Influence of chemical environment around C=C bonds. <b>2019</b> , 161, 181-189		5	
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174	BispentiptycenylDiimineNickel Complexes for Ethene Polymerization and Copolymerization with Polar Monomers. <i>Organometallics</i> , <b>2019</b> , 38, 544-551	3.8	39
173	Degenerative chain-transfer process: Controlling all chain-growth polymerizations and enabling novel monomer sequences. <b>2019</b> , 57, 243-254		19
172	Rice Husk-Derived Silica as a Support for Zirconocene/MMAO Catalyst in Ethylene Polymerization. <b>2020</b> , 11, 769-779		5
171	Synthesis of low-molecular-weight poly—lolefins using silicon-bridged zirconocene catalyst for lubricant basestock. <b>2020</b> , 13, 2715-2721		2
170	Effect of cationic and anionic clays as supports for styrene polymerization initiated by metallocenes/MAO catalytic system. <b>2020</b> , 77, 4289-4305		
169	Ethylene polymerization by binuclear chromium complex with tetrakis(pyrazolyl-methyl)benzene ligand. <b>2020</b> , 77, 2269-2284		2
168	Ethylene-Propene Copolymerization with C1-symmetric ansa-Fluorenyl-zirconocene Catalysts: Effects of Catalyst Structure and Comonomer on Molar Mass. <b>2020</b> , 38, 220-230		1
167	O-Alkyldithiophosphate Nickel Complexes with dcpf Ligand as Efficient Electrocatalysts for Hydrogen Evolution. <b>2020</b> , 34, e5261		0
166	Iminodiacetate complex of cobalt(II) Intructure, physicochemical characteristics, biological properties and catalytic activity for 2-chloro-2-propen-1-ol oligomerization. <i>Polyhedron</i> , <b>2020</b> , 175, 1141	<del>6</del> 8 <sup>7</sup>	3
165	Ion pairing in transition metal catalyzed olefin polymerization. <b>2020</b> , 73, 1-78		17
164	Time-dependent DFT study of the K-edge spectra of vanadium and titanium complexes: effects of chloride ligands on pre-edge features. <b>2020</b> , 22, 674-682		9
163	Sequential immobilization of ansa-hafnocene complexes for propene polymerization. <i>Journal of Organometallic Chemistry</i> , <b>2020</b> , 909, 121075	2.3	1
162	Single to Multiple Site Behavior of Metallocenes through CH Activation for Olefin Polymerization: A Mechanistic Insight from DFT. <i>ACS Catalysis</i> , <b>2020</b> , 10, 1704-1715	13.1	5
161	Understanding the Role of Metallocenium Ion-Pair Aggregates on the Rate of Olefin Insertion into the Metallarbon Bond. <i>ACS Catalysis</i> , <b>2020</b> , 10, 1591-1606	13.1	10
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159	Stereoregularity effect on hole mobility in poly(N-vinylcarbazole) thin film evaluated by MIS-CELIV method. <b>2020</b> , 59, SDDA01		7
158	Paraffin-Inert Atmospheric Solid Analysis Probe: A Fast and Easy Approach To Characterize Extremely Air-Sensitive Organometallic Complexes by Mass Spectrometry. <b>2020</b> , 92, 2922-2925		1

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157	Synthesis of Ultrahigh Molecular Weight Polymers Containing Reactive Functionality with Low PDIs by Polymerizations of Long-Chain ∃-Olefins in the Presence of Their Nonconjugated Dienes by Cp*TiMe(O-2,6-PrCH)-Borate Catalyst. <i>Polymers</i> , <b>2019</b> , 12,	4.5	3
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155	Mechanistic Insight into the Stereoselective Cationic Polymerization of Vinyl Ethers. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 17175-17186	16.4	12
154	Biomolecule-tailored assembly and morphology of gold nanoparticles for LSPR applications. <b>2020</b> , 35, 101005		22
153	Ultrahigh molecular weight polyethylene: Catalysis, structure, properties, processing and applications. <b>2020</b> , 109, 101290		44
152	Structure and dynamics of catalytically competent but labile paramagnetic metal-hydrides: the Ti(iii)-H in homogeneous olefin polymerization. <b>2020</b> , 11, 12436-12445		4
151	Synthesis and Structural Analysis of Four Coordinate (Arylimido)niobium(V) Dimethyl Complexes Containing Phenoxide Ligand: MAO-Free Ethylene Polymerization by the Cationic Nb(V)Methyl Complex. <i>Organometallics</i> , <b>2020</b> , 39, 3742-3758	3.8	1
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148	Synthesis, characterisation and ethylene polymerisation performance of silyl bridged peralkylated bis(indenyl) zirconocenes. <b>2020</b> , 498, 111275		2
147	Substituent Effects on Propylene Polymerization in Cyclic Bis(phenoxyaldimine) Titanium Catalysts. <i>Macromolecules</i> , <b>2020</b> , 53, 10803-10812	5.5	4
146	New Insights into Crystallization of Heterophasic Isotactic Polypropylene by Fast Scanning Chip Calorimetry. <i>Polymers</i> , <b>2020</b> , 12,	4.5	5
145	A Systematic Study of the Temperature-Induced Performance Decline of ansa-Metallocenes for iPP. <i>Macromolecules</i> , <b>2020</b> , 53, 9325-9336	5.5	14
144	Anschauliche Bezeichnungen der Chemie von Metallocen-Komplexen der Gruppe 4. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 19924-19929	3.6	
143	Tris(dicyclohexylamido) Group 4 Metal Allyl and Phenylacetylide Complexes    Synthesis and Characterization. European Journal of Inorganic Chemistry, 2020, 2020, 4247-4253	2.3	
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141	Monodisperse Macromolecules by Self-Interrupted Living Polymerization. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 15265-15270	16.4	27
140	High-performance pan-tactic polythioesters with intrinsic crystallinity and chemical recyclability. <b>2020</b> , 6, eabc0495		31

139	The synthesis of cyclic olefin copolymers (COCs) by ethylene copolymerisations with cyclooctene, cycloheptene, and with tricyclo[6.2.1.0(2,7)]undeca-4-ene: the effects of cyclic monomer structures on thermal properties. <b>2020</b> , 11, 5590-5600		5
138	Titanocene catalysts with modifiable C2-symmetric chiral ligands. <i>Journal of Organometallic Chemistry</i> , <b>2020</b> , 919, 121327	2.3	1
137	Stereoselective cationic polymerization of vinyl ethers by easily and finely tunable titanium complexes prepared from tartrate-derived diols: isospecific polymerization and recognition of chiral side chains. <b>2020</b> , 11, 3398-3403		9
136	Solution XANES and EXAFS analysis of active species of titanium, vanadium complex catalysts in ethylene polymerisation/dimerisation and syndiospecific styrene polymerisation. <i>Dalton Transactions</i> , <b>2020</b> , 49, 8008-8028	4.3	12
135	Catalyst Deactivation Processes during 1-Hexene Polymerization. ACS Catalysis, 2020, 10, 7195-7206	13.1	14
134	Ethylene-Bridged Tetradentate Bis(amidines): Supramolecular Assemblies through Hydrogen Bonding and Photoluminescence upon Deprotonation. <b>2020</b> , 2020, 3243-3250		2
133	Computational Assessment of Counterion Effect of Borate Anions on Ethylene Polymerization by Zirconocene and Hafnocene Catalysts. <i>Organometallics</i> , <b>2020</b> , 39, 2068-2079	3.8	8
132	Tuning the Redox Chemistry of a Cr/SiO Phillips Catalyst for Controlling Activity, Induction Period and Polymer Properties. <b>2020</b> , 21, 1665-1674		2
131	Novel SiO2-Supported Chromocene and Vanadium Bimetallic Catalysts Producing Bimodal Polyethylene. <b>2020</b> , 221, 2000067		3
130	Immobilization of [VCl3(N-2,6-Me2C6H3)] Complex on Silica Supports: Synthesis and Catalytic Testing for Ethylene Polymerization. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 12710-1	<i>27</i> 18	4
129	Comparative Study of Homogeneous and Silica Immobilized N^N and N^O Palladium(II) Complexes as Catalysts for Hydrogenation of Alkenes, Alkynes and Functionalized Benzenes. <b>2020</b> , 150, 2850-2862		1
128	Exploring the Nature of the Energy Barriers on the Mechanism of the Zirconocene-Catalyzed Ethylene Polymerization: A Quantitative Study from Reaction Force Analysis. <b>2020</b> , 124, 8198-8209		3
127	Influence of Steric Norbornene Co-units on the Crystallization and Memory Effect of Polybutene-1 Copolymers. <i>Macromolecules</i> , <b>2020</b> , 53, 2088-2100	5.5	16
126	Enantioselective terpolymerization of racemic and -epoxides with anhydrides for preparation of chiral polyesters. <b>2020</b> , 117, 15429-15436		14
125	Recent advancements in N-ligated group 4 molecular catalysts for the (co)polymerization of ethylene. <b>2020</b> , 411, 213254		30
124	C-Symmetric Si-bridged (2-indenyl)(1-indenyl) ansa-metallocenes as efficient ethene/1-hexene copolymerization catalysts. <i>Dalton Transactions</i> , <b>2020</b> , 49, 3015-3025	4.3	12
123	Desulfurization of model and real fuels by extraction and oxidation processes using an indenylmolybdenum tricarbonyl pre-catalyst. <b>2020</b> , 34, e5490		4
122	The chloro-substituent enhances performance of 2,4-bis (imino)pyridylchromium catalysts yielding highly linear polyethylene. <b>2020</b> , 34, e5471		5

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119	Combining automated microfluidic experimentation with machine learning for efficient polymerization design. <b>2020</b> , 2, 200-209		24
118	Roles of Salicylate Donors in Enhancement of Productivity and Isotacticity of Ziegler-Natta Catalyzed Propylene Polymerization. <i>Polymers</i> , <b>2020</b> , 12,		5
117	Direct Synthesis of High-Melt-Strength Polypropylene Using the Fourth Generation Heterogeneous Ziegler Natta Catalyst and Commercial Production Process. <b>2020</b> , 2, 1827-1838		5
116	Ethylene polymerization using diatomite as support for zirconocene dichloride/modified methylaluminoxane. <b>2021</b> , 78, 529-537		O
115	Heterocycle-fused cyclopentadienyl metal complexes: Heterocene synthesis, structure and catalytic applications. <b>2021</b> , 426, 213515		6
114	Structure and property of comb-like polyolefins derived from highly Stereospecific homo-polymerization of higher ∃-olefins. <b>2021</b> , 213, 123223		1
113	Polyolefin thermoplastic elastomers from polymerization catalysis: Advantages, pitfalls and future challenges. <b>2021</b> , 113, 101342		26
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