

Jean-Francois Carpentier

List of Publications by Year in Descending Order

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

364
papers

15,324
citations

64
h-index

101
g-index

398
ext. papers

16,371
ext. citations

5.6
avg, IF

6.82
L-index

#	Paper	IF	Citations
364	Upgrading Toughness and the Glass Transition Temperature of Polydicyclopentadiene upon Addition of StyreneEthyleneButyleneStyrene Thermoplastic Elastomer. <i>ACS Applied Polymer Materials</i> , 2022 , 4, 2251-2255	4.3	1
363	Heteroleptic carbazolato-barium hydroborates and a related separated ion pair. <i>Polyhedron</i> , 2022 , 217, 115731	2.7	0
362	Group 12 and 13 metal-alkenyl promoted generation of long-chain branching in metallocene-based polyethylene. <i>European Polymer Journal</i> , 2022 , 173, 111257	5.2	0
361	Meso- and Rac-[bis(3-phenyl-6-tert-butylinden-1-yl)dimethylsilyl]zirconium Dichloride: Precatalysts for the Production of Differentiated Polyethylene Products with Enhanced Properties. <i>Polymers</i> , 2022 , 14, 2217	4.5	0
360	Modular Synthesis of 9,10-Dihydroacridines through an -C Alkenylation/Hydroarylation Sequence between Anilines and Aryl Alkynes in Hexafluoroisopropanol. <i>Organic Letters</i> , 2021 , 23, 2565-2570	6.2	5
359	Al-alkenyl-induced formation of long-chain branched polyethylene via coordinative tandem insertion and chain-transfer polymerization using (nBuCp) ₂ ZrCl ₂ /MAO systems: An experimental and theoretical study. <i>European Polymer Journal</i> , 2021 , 154, 110567	5.2	2
358	Metal-metal bonded alkaline-earth distannyls. <i>Chemical Science</i> , 2021 , 12, 7098-7114	9.4	3
357	Bis(imino)carbazolate lead(II) fluoride and related halides. <i>Dalton Transactions</i> , 2021 , 50, 9021-9025	4.3	0
356	Bonding analysis in ytterbium(II) distannyl and related tetryls. <i>Dalton Transactions</i> , 2021 , 50, 14273-14284	4.3	1
355	Ruthenium-Catalyzed Coupling Reactions of CO with C H and Hydrosilanes towards Silyl Esters. <i>Chemistry - A European Journal</i> , 2021 , 27, 3997-4003	4.8	2
354	Bonding in Barium Boryloxides, Siloxides, Phenoxides and Silazides: A Comparison with the Lighter Alkaline Earths. <i>Chemistry - A European Journal</i> , 2021 , 27, 11966-11982	4.8	0
353	Propylene Polymerization and Deactivation Processes with Isoselective {Cp/Flu} Zirconocene Catalysts. <i>Catalysts</i> , 2021 , 11, 959	4	0
352	{Cyclopentadienyl/Fluorenyl}-Group 4 ansa-Metallocene Catalysts for Production of Tailor-Made Polyolefins. <i>Chemical Record</i> , 2021 , 21, 357-375	6.6	3
351	Organocatalyzed ring-opening polymerization (ROP) of functional β -lactones: new insights into the ROP mechanism and poly(hydroxyalkanoate)s (PHAs) macromolecular structure. <i>Polymer Chemistry</i> , 2020 , 11, 2640-2652	4.9	11
350	Ring-opening (co)polymerization of six-membered substituted β -valerolactones with alkali metal alkoxides. <i>European Polymer Journal</i> , 2020 , 134, 109858	5.2	9
349	Barium-Catalysed Dehydrocoupling of Hydrosilanes and Borinic Acids: A Mechanistic Insight. <i>Chemistry - A European Journal</i> , 2020 , 26, 3445	4.8	1
348	Bis(imino)carbazolate: A Master Key for Barium Chemistry. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 9120-9126	16.4	11

347	Asymmetric Allylic Alkylation of α -Ketoesters via C-N Bond Cleavage of N-Allyl-N-methylaniline Derivatives Catalyzed by a Nickel-Diphosphine System. <i>ACS Catalysis</i> , 2020 , 10, 5828-5839	13.1	16
346	Synthesis of Bridged Tetrahydrobenzo[b]azepines and Derivatives through an Aza-Piancatelli Cyclization/Michael Addition Sequence. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 1134-1138	16.4	21
345	Recent Advances in Metal-Mediated Stereoselective Ring-Opening Polymerization of Functional Cyclic Esters towards Well-Defined Poly(hydroxy acid)s: From Stereoselectivity to Sequence-Control. <i>Chemistry - A European Journal</i> , 2020 , 26, 128-138	4.8	39
344	Molecular s-Block Catalysts for Alkene Hydrophosphination and Related Reactions 2020 , 93-121		1
343	Paraffin-Inert Atmospheric Solid Analysis Probe: A Fast and Easy Approach To Characterize Extremely Air-Sensitive Organometallic Complexes by Mass Spectrometry. <i>Analytical Chemistry</i> , 2020 , 92, 2922-2925	7.8	1
342	Barium-Catalysed Dehydrocoupling of Hydrosilanes and Borinic Acids: A Mechanistic Insight. <i>Chemistry - A European Journal</i> , 2020 , 26, 3535-3544	4.8	4
341	Polyolefin/Polyether Alternated Copolymers: Silyl-Modified Polymers as Promising Monocomponent Precursors to Adhesives. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 5135-5146	4.3	0
340	Long-Chain Branched Polyethylene via Coordinative Tandem Insertion and Chain-Transfer Polymerization Using rac-{EBTHI}ZrCl ₂ /MAO/Al-alkenyl Combinations: An Experimental and Theoretical Study. <i>Macromolecules</i> , 2020 , 53, 8847-8857	5.5	7
339	A versatile nitrogen ligand for alkaline-earth chemistry. <i>Dalton Transactions</i> , 2020 , 49, 11878-11889	4.3	5
338	Lewis Acid/Hexafluoroisopropanol: A Promoter System for Selective ortho-C-Alkylation of Anilines with Deactivated Styrene Derivatives and Unactivated Alkenes. <i>ACS Catalysis</i> , 2020 , 10, 10794-10802	13.1	27
337	Alkaline-earth complexes with macrocyclic-functionalised bis(phenolate)s and bis(fluoroalkoxide)s. <i>Dalton Transactions</i> , 2020 , 49, 13017-13028	4.3	1
336	Zirconocene-Catalyzed Polymerization of α -Olefins: When Intrinsic Higher Activity Is Flawed by Rapid Deactivation. <i>Organometallics</i> , 2019 , 38, 2664-2673	3.8	12
335	β , β -Bis(trialkoxysilyl) Telechelic Polyolefin/Polyether Copolymers for Adhesive Applications Using Ring-Opening Insertion Metathesis Polymerization Combined with a Chain-Transfer Agent. <i>ACS Applied Polymer Materials</i> , 2019 , 1, 1540-1546	4.3	1
334	Barium complexes with crown-ether-functionalised amidinate and iminoanilide ligands for the hydrophosphination of vinylarenes. <i>Dalton Transactions</i> , 2019 , 48, 9173-9180	4.3	10
333	Metal- π -F-C Bonding in Low-Coordinate Alkaline Earth Fluoroarylamides. <i>Chemistry - A European Journal</i> , 2019 , 25, 8854-8864	4.8	8
332	Heterobimetallic Ba/Li and Ca/Li amides and diphenylmethanide. <i>Dalton Transactions</i> , 2019 , 48, 5500-5504	4.4	4
331	β , β -Di(vinylene carbonate) telechelic polyolefins: Synthesis by metathesis reactions and studies as potential precursors toward hydroxy-oxazolidone-based polyolefin NIPUs. <i>European Polymer Journal</i> , 2019 , 116, 144-157	5.2	1
330	Yttrium-Mediated Ring-Opening Copolymerization of Oppositely Configured 4-Alkoxyethylene- β -propiolactones: Effective Access to Highly Alternated Isotactic Functional PHAs. <i>Chemistry - A European Journal</i> , 2019 , 25, 6412-6424	4.8	9

329	Quantification of active sites in single-site group 4 metal olefin polymerization catalysis. <i>Coordination Chemistry Reviews</i> , 2019 , 386, 50-68	23.2	30
328	Barium Siloxides and Catalysed Formation of Si-O-Si' Motifs. <i>Chemistry - A European Journal</i> , 2019 , 25, 13509-13513	4.8	12
327	Non-Isocyanate Polythiourethanes (NIPTUs) from Cyclodithiocarbonate Telechelic Polyethers. <i>Macromolecules</i> , 2019 , 52, 5838-5849	5.5	11
326	Coupling Rhodium-Catalyzed Hydroformylation of 10-Undecenitrile with Organic Solvent Nanofiltration: Toluene Solution versus Solvent-Free Processes. <i>ChemPlusChem</i> , 2019 , 84, 1744-1760	2.8	1
325	CHAPTER 4:Secondary (Agostic SiH/Electrostatic CH) Interactions in Alkaline Earth-based Catalysts. <i>RSC Catalysis Series</i> , 2019 , 94-121	0.3	
324	In My Element: Yttrium. <i>Chemistry - A European Journal</i> , 2019 , 25, 2379-2379	4.8	
323	Rhenium and Manganese Complexes Bearing Amino-Bis(phosphinite) Ligands: Synthesis, Characterization, and Catalytic Activity in Hydrogenation of Ketones. <i>Organometallics</i> , 2018 , 37, 1271-1279	3.8	26
322	Synthesis and structural characterization of zirconium complexes supported by tridentate pyrrolide-imino ligands with pendant N-, O- and S-donor groups and their application in ethylene polymerization. <i>New Journal of Chemistry</i> , 2018 , 42, 1477-1483	3.6	7
321	Secondary interactions in trinuclear calcium complexes. <i>Inorganica Chimica Acta</i> , 2018 , 475, 59-64	2.7	5
320	Rhodium-Biphephos-Catalyzed Tandem Isomerization-Hydroformylation of Oleonitrile. <i>Catalysts</i> , 2018 , 8, 21	4	6
319	Insights in the Rhodium-Catalyzed Tandem Isomerization-Hydroformylation of 10-Undecenitrile: Evidence for a Fast Isomerization Regime. <i>Catalysts</i> , 2018 , 8, 148	4	2
318	Low-Coordinate Barium Boryloxides: Synthesis and Dehydrocoupling Catalysis for the Production of Borasiloxanes. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11747-11751	16.4	23
317	Low-Coordinate Barium Boryloxides: Synthesis and Dehydrocoupling Catalysis for the Production of Borasiloxanes. <i>Angewandte Chemie</i> , 2018 , 130, 11921-11925	3.6	12
316	A Theoretical Outlook on the Stereoselectivity Origins of Isolelective Zirconocene Propylene Polymerization Catalysts. <i>Chemistry - A European Journal</i> , 2018 , 24, 10784-10792	4.8	9
315	Steric vs. electronic stereocontrol in syndio- or iso-selective ROP of functional chiral lactones mediated by achiral yttrium-bisphenolate complexes. <i>Chemical Communications</i> , 2018 , 54, 8024-8031	5.8	43
314	Epoxide, Oxetane, and Dithiocarbonate Telechelic Copolyolefins: Access by Ring-Opening Metathesis/Cross-Metathesis Polymerization (ROMP/CM) of Cycloolefins in the Presence of Functional Symmetric Chain-Transfer Agents. <i>Polymers</i> , 2018 , 10,	4.5	7
313	Synthesis, APPI Mass-Spectrometric Characterization, and Polymerization Studies of Group 4 Dinuclear Bis(ansa-metallocene) Complexes. <i>Catalysts</i> , 2018 , 8, 558	4	4
312	Trinuclear tris(ansa-metallocene) complexes of zirconium and hafnium for olefin polymerization. <i>Journal of Organometallic Chemistry</i> , 2018 , 878, 19-29	2.3	4

311	Az lactone Telechelic Polyolefins as Precursors to Polyamides: A Combination of Metathesis Polymerization and Polyaddition Reactions. <i>Macromolecules</i> , 2018 , 51, 8084-8099	5.5	10
310	Evaluation of Band-Selective HSQC and HMBC: Methodological Validation on the Cyclosporin Cyclic Peptide and Application for Poly(3-hydroxyalkanoate)s Stereoregularity Determination. <i>Polymers</i> , 2018 , 10,	4.5	2
309	Tuning the properties of β -bis(trialkoxysilyl) telechelic copolyolefins from ruthenium-catalyzed chain-transfer ring-opening metathesis polymerization (ROMP). <i>Polymer Chemistry</i> , 2017 , 8, 1177-1187	4.9	22
308	Conformationally dynamic titanium and zirconium cationic complexes of bis(naphthoxy)pyridine ligands: structure, "oscillation" and olefin polymerization catalysis. <i>Dalton Transactions</i> , 2017 , 46, 3150-3159	4.3	5
307	Cadmium complexes bearing N ^E O (E = S, Se) organochalcogenoalkoxides and their zinc and mercury analogues. <i>Dalton Transactions</i> , 2017 , 46, 3179-3191	4.3	8
306	Fogoite-(Y), Na ₃ Ca ₂ Y ₂ Ti(Si ₂ O ₇) ₂ OF ₃ , a Group I TS-block mineral from the Lagoa do Fogo, the Fogo volcano, S ^B Miguel Island, the Azores: Description and crystal structure. <i>Mineralogical Magazine</i> , 2017 , 81, 369-381	1.7	5
305	Ruthenium complexes bearing amino-bis(phosphinite) or amino-bis(aminophosphine) ligands: Application in catalytic ester hydrogenation. <i>Molecular Catalysis</i> , 2017 , 432, 15-22	3.3	8
304	π Ligands in Alkaline Earth Complexes. <i>Organometallics</i> , 2017 , 36, 1269-1277	3.8	25
303	From Epoxide to Cyclodithiocarbonate Telechelic Polycyclooctene through Chain-Transfer Ring-Opening Metathesis Polymerization (ROMP): Precursors to Non-Isocyanate Polyurethanes (NIPUs). <i>Macromolecules</i> , 2017 , 50, 69-82	5.5	23
302	Simple access to alkoxysilyl telechelic polyolefins from ruthenium-catalyzed cross-metathesis depolymerization of polydienes. <i>European Polymer Journal</i> , 2017 , 96, 403-413	5.2	19
301	Tethered cationic alkaline earth - olefin complexes. <i>Dalton Transactions</i> , 2017 , 46, 14785-14794	4.3	10
300	Heteroleptic lead(II)-halide complexes supported by a bulky iminoanilide ligand. <i>Main Group Metal Chemistry</i> , 2017 , 40,	1.6	3
299	Highly Syndiotactic or Isotactic Polyhydroxyalkanoates by Ligand-Controlled Yttrium-Catalyzed Stereoselective Ring-Opening Polymerization of Functional Racemic β -Lactones. <i>Angewandte Chemie</i> , 2017 , 129, 10524-10529	3.6	9
298	Substitution Effects in Highly Syndioselective Styrene Polymerization Catalysts Based on Single-Component Allyl ansa-Lanthanidocenes: An Experimental and Theoretical Study. <i>Macromolecules</i> , 2017 , 50, 6539-6551	5.5	15
297	Experimental and Computational Investigations on Highly Syndioselective Styrene β ethylene Copolymerization Catalyzed by Allyl ansa-Lanthanidocenes. <i>Macromolecules</i> , 2017 , 50, 9577-9588	5.5	10
296	Highly Syndiotactic or Isotactic Polyhydroxyalkanoates by Ligand-Controlled Yttrium-Catalyzed Stereoselective Ring-Opening Polymerization of Functional Racemic β -Lactones. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 10388-10393	16.4	31
295	K ⁺ π Cl ⁻ and K ⁺ π F ⁻ Non-Covalent Interactions in β Functionalized Potassium Fluoroalkoxides. <i>Inorganics</i> , 2017 , 5, 13	2.9	5
294	Engineering of Syndiotactic and Isotactic Polystyrene-Based Copolymers via Stereoselective Catalytic Polymerization. <i>Molecules</i> , 2017 , 22,	4.8	14

293	Stereoselective Copolymerization of Styrene with Terpenes Catalyzed by an Ansa-Lanthanidocene Catalyst: Access to New Syndiotactic Polystyrene-Based Materials. <i>Catalysts</i> , 2017 , 7, 361	4	15
292	Calcium, Strontium and Barium Homogeneous Catalysts for Fine Chemicals Synthesis. <i>Chemical Record</i> , 2016 , 16, 2482-2505	6.6	51
291	Alkali-Metal-Catalyzed Cross-Dehydrogenative Couplings of Hydrosilanes with Amines. <i>ChemCatChem</i> , 2016 , 8, 1373-1378	5.2	40
290	Calcium complexes with imino-phosphinanilido chalcogenide ligands for heterofunctionalisation catalysis. <i>RSC Advances</i> , 2016 , 6, 57835-57843	3.7	13
289	Ruthenium-catalyzed hydroformylation of the functional unsaturated fatty nitrile 10-undecenitrile. <i>Journal of Molecular Catalysis A</i> , 2016 , 417, 116-121		9
288	Tandem C(sp ²)-OMe Activation/C(sp ²)-C(sp ²) Coupling in Early Transition-Metal Complexes: Aromatic C-O Activation beyond Late Transition Metals. <i>Journal of the American Chemical Society</i> , 2016 , 138, 4350-3	16.4	13
287	Discrete Ionic Complexes of Highly Ioselective Zirconocenes. Solution Dynamics, Trimethylaluminum Adducts, and Implications in Propylene Polymerization. <i>Organometallics</i> , 2016 , 35, 258-276	3.8	29
286	Tailored Cyclic and Linear Polycarbosilazanes by Barium-Catalyzed N-H/H-Si Dehydrocoupling Reactions. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3744-8	16.4	32
285	Highly Stereocontrolled Ring-Opening Polymerization of Racemic Alkyl α -Malolactonates Mediated by Yttrium [Amino-alkoxy-bis(phenolate)] Complexes. <i>Chemistry - A European Journal</i> , 2016 , 22, 7629-41	4.8	18
284	Alkaline Earth-Olefin Complexes with Secondary Interactions. <i>Chemistry - A European Journal</i> , 2016 , 22, 6505-9	4.8	31
283	Tailored Cyclic and Linear Polycarbosilazanes by Barium-Catalyzed N-H/H-Si Dehydrocoupling Reactions. <i>Angewandte Chemie</i> , 2016 , 128, 3808-3812	3.6	12
282	Alkaline-Earth-Catalysed Cross-Dehydrocoupling of Amines and Hydrosilanes: Reactivity Trends, Scope and Mechanism. <i>Chemistry - A European Journal</i> , 2016 , 22, 4564-83	4.8	40
281	Synthesis and structure of the first discrete dinuclear cationic aluminum complexes. <i>Dalton Transactions</i> , 2016 , 45, 12346-51	4.3	7
280	β , β -Bis(trialkoxysilyl) difunctionalized polycyclooctenes from ruthenium-catalyzed chain-transfer ring-opening metathesis polymerization. <i>Polymer Chemistry</i> , 2016 , 7, 4810-4823	4.9	21
279	Aluminium, gallium and indium complexes supported by a chiral phenolato-prolinolato dianionic ligand. <i>Main Group Metal Chemistry</i> , 2016 , 39,	1.6	7
278	Scandium and yttrium complexes of an hybrid phenoxy-amidopyridinate ligand. Use in ROP of racemic lactide. <i>Journal of Organometallic Chemistry</i> , 2016 , 823, 34-39	2.3	10
277	Sequential Barium-Catalysed N-H/H-Si Dehydrogenative Cross-Couplings: Cyclodisilazanes versus Linear Oligosilazanes. <i>Chemistry - A European Journal</i> , 2016 , 22, 15733-15743	4.8	25
276	Amino Ether β phenolato Precatalysts of Divalent Rare Earths and Alkaline Earths for the Single and Double Hydrophosphination of Activated Alkenes. <i>Organometallics</i> , 2016 , 35, 3261-3271	3.8	27

275	Highly fluorinated tris(indazolyl)borate silylamido complexes of the heavier alkaline earth metals: synthesis, characterization, and efficient catalytic intramolecular hydroamination. <i>Chemistry - A European Journal</i> , 2015 , 21, 4115-25	4.8	37
274	Highly active, chemo- and regioselective Yb(II) and Sm(II) catalysts for the hydrophosphination of styrene with phenylphosphine. <i>Chemistry - A European Journal</i> , 2015 , 21, 6033-6	4.8	35
273	Ethylene oligomerization promoted by chromium complexes bearing pyrrolide-imine-amine/ether tridentate ligands. <i>Dalton Transactions</i> , 2015 , 44, 16073-80	4.3	22
272	Zwitterionic Ni(II) complexes bearing pyrazolyl-ether-imidazolium ligands: synthesis, structural characterization and use in ethylene oligomerization. <i>New Journal of Chemistry</i> , 2015 , 39, 7234-7242	3.6	5
271	Discrete cationic complexes for ring-opening polymerization catalysis of cyclic esters and epoxides. <i>Chemical Reviews</i> , 2015 , 115, 3564-614	68.1	201
270	Block and Random Copolymers of 1,2-Cyclohexyl Cyclocarbonate and L-Lactide or Trimethylene Carbonate Synthesized by Ring-Opening Polymerization. <i>Macromolecules</i> , 2015 , 48, 3247-3256	5.5	29
269	Beyond stereoselectivity, switchable catalysis: some of the last frontier challenges in ring-opening polymerization of cyclic esters. <i>Chemistry - A European Journal</i> , 2015 , 21, 7988-8003	4.8	193
268	Heterobi- and -trimetallic Ion Pairs of Zirconocene-Based Ioselective Olefin Polymerization Catalysts with AlMe ₃ . <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6343-6	16.4	28
267	Structurally Characterized Lead(II) Alkoxides as Potent Ring-Opening Polymerization Catalysts. <i>Organometallics</i> , 2015 , 34, 1321-1327	3.8	15
266	DFT investigations on the ring-opening polymerization of substituted cyclic carbonates catalyzed by zinc-(μ ₂ -diketiminato) complexes. <i>Polymer Chemistry</i> , 2015 , 6, 3336-3352	4.9	20
265	Ni(II) complexes bearing pyrrolide-imine ligands with pendant N-, O- and S-donor groups: synthesis, structural characterization and use in ethylene oligomerization. <i>RSC Advances</i> , 2015 , 5, 91524-91531	3.7	17
264	Carboxylic acid derivatives via catalytic carboxylation of unsaturated hydrocarbons: whether the nature of a reductant may determine the mechanism of CO ₂ incorporation?. <i>Dalton Transactions</i> , 2015 , 44, 16212-23	4.3	25
263	μ ₂ -Trialkoxysilyl Functionalized Polycyclooctenes Synthesized by Chain-Transfer Ring-Opening Metathesis Polymerization. <i>Macromolecules</i> , 2015 , 48, 7453-7465	5.5	23
262	Barium-Mediated Cross-Dehydrocoupling of Hydrosilanes with Amines: A Theoretical and Experimental Approach. <i>Angewandte Chemie</i> , 2015 , 127, 7789-7793	3.6	27
261	Rare-Earth Complexes Supported by Tripodal Tetradentate Bis(phenolate) Ligands: A Privileged Class of Catalysts for Ring-Opening Polymerization of Cyclic Esters. <i>Organometallics</i> , 2015 , 34, 4175-4189	3.8	118
260	Are Solvent and Dispersion Effects Crucial in Olefin Polymerization DFT Calculations? Some Insights from Propylene Coordination and Insertion Reactions with Group 3 and 4 Metallocenes. <i>ACS Catalysis</i> , 2015 , 5, 416-425	13.1	54
259	Zinc, aluminum and group 3 metal complexes of sterically demanding naphthoxy-pyridine ligands: Synthesis, structure, and use in ROP of racemic lactide and ϵ -butyrolactone. <i>Inorganica Chimica Acta</i> , 2015 , 431, 161-175	2.7	14
258	Pentacoordinated carboxylate η -allyl nickel complexes as key intermediates for the Ni-catalyzed direct amination of allylic alcohols. <i>Chemistry - A European Journal</i> , 2015 , 21, 14571-8	4.8	48

257	Heterobi- and -trimetallic Ion Pairs of Zirconocene-Based Isoselective Olefin Polymerization Catalysts with AlMe ₃ . <i>Angewandte Chemie</i> , 2015 , 127, 6441-6444	3.6	8
256	Barium-mediated cross-dehydrocoupling of hydrosilanes with amines: a theoretical and experimental approach. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7679-83	16.4	56
255	Syndioselective ring-opening polymerization and copolymerization of trans-1,4-cyclohexadiene carbonate mediated by achiral metal- and organo-catalysts. <i>Polymer Chemistry</i> , 2015 , 6, 1961-1971	4.9	18
254	Ethylene carbonate/cyclic ester random copolymers synthesized by ring-opening polymerization. <i>Polymer Chemistry</i> , 2015 , 6, 1972-1985	4.9	20
253	Structure vs ¹¹⁹ Sn NMR Chemical Shift in Three-Coordinated Tin(II) Complexes: Experimental Data and Predictive DFT Computations. <i>Organometallics</i> , 2015 , 34, 2139-2150	3.8	30
252	Rhodium versus Iridium Catalysts in the Controlled Tandem Hydroformylation/Isomerization of Functionalized Unsaturated Fatty Substrates. <i>ChemCatChem</i> , 2015 , 7, 513-520	5.2	17
251	Macromolecular engineering via ring-opening polymerization (3): trimethylene carbonate block copolymers derived from glycerol. <i>Polymer Chemistry</i> , 2014 , 5, 1229-1240	4.9	19
250	From syndiotactic homopolymers to chemically tunable alternating copolymers: highly active yttrium complexes for stereoselective ring-opening polymerization of ϵ -alolactonates. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 2687-91	16.4	61
249	Kinetic Analysis of the Immortal Ring-Opening Polymerization of Cyclic Esters: A Case Study with Tin(II) Catalysts. <i>Macromolecules</i> , 2014 , 47, 2574-2584	5.5	40
248	Yttrium and Aluminum Bis(phenolate)pyridine Complexes: Catalysts and Model Compounds of the Intermediates for the Stereoselective Ring-Opening Polymerization of Racemic Lactide and ϵ -Butyrolactone. <i>Organometallics</i> , 2014 , 33, 309-321	3.8	69
247	Discrete O-Lactate and ϵ -Alkoxybutyrate Aluminum Pyridine Bis(naphtholate) Complexes: Models for Mechanistic Investigations in the Ring-Opening Polymerization of Lactides and ϵ -Lactones. <i>Organometallics</i> , 2014 , 33, 5693-5707	3.8	39
246	Divalent heteroleptic ytterbium complexes--effective catalysts for intermolecular styrene hydrophosphination and hydroamination. <i>Inorganic Chemistry</i> , 2014 , 53, 1654-61	5.1	53
245	ϵ , δ -Di(glycerol carbonate) telechelic polyesters and polyolefins as precursors to polyhydroxyurethanes: an isocyanate-free approach. <i>Green Chemistry</i> , 2014 , 16, 1947-1956	10	87
244	On the coordination chemistry of organochalcogenolates R(NMe ₂) ^{E(-)} and R(NMe ₂) ^{E⁻O(-)} (E = S, Se) onto lead(II) and lighter divalent tetrel elements. <i>Dalton Transactions</i> , 2014 , 43, 16459-74	4.3	21
243	Ring-opening metathesis polymerization of cyclooctene derivatives with chain transfer agents derived from glycerol carbonate. <i>Polymer Chemistry</i> , 2014 , 5, 2583	4.9	32
242	Potassium and Well-Defined Neutral and Cationic Calcium Fluoroalkoxide Complexes: Structural Features and Reactivity. <i>Organometallics</i> , 2014 , 33, 5630-5642	3.8	36
241	Scandium versus yttrium{amino-alkoxy-bis(phenolate)} complexes for the stereoselective ring-opening polymerization of racemic lactide and ϵ -butyrolactone. <i>Dalton Transactions</i> , 2014 , 43, 14322-33	4.3	34
240	Enantiopure Isotactic PCHC Synthesized by Ring-Opening Polymerization of Cyclohexene Carbonate. <i>Macromolecules</i> , 2014 , 47, 4230-4235	5.5	62

239	From glycidyl carbonate to hydroxyurethane side-groups in alternating fluorinated copolymers. <i>Polymer Chemistry</i> , 2014 , 5, 5089	4.9	12
238	Zirconocene-catalyzed stereoselective cyclocopolymerization of 2-methyl-1,5-hexadiene with propylene. <i>Polymer Chemistry</i> , 2014 , 5, 5560	4.9	4
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