

# kyoko Nozaki

## 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.

348  
papers

19,350  
citations

77  
h-index

124  
g-index

444  
ext. papers

21,192  
ext. citations

8.3  
avg, IF

7.15  
L-index

#	Paper	IF	Citations
348	Synthesis and reactivity of PC(sp)P-pincer iridium complexes bearing a diborylmethyl anion.. <i>Dalton Transactions</i> , <b>2022</b> , 51, 5009-5015	4.3	0
347	New Polymers Made from Carbon Dioxide and Alkenes. <i>Bulletin of the Chemical Society of Japan</i> , <b>2022</b> , 95, 380-380	5.1	
346	Cleavage of Si-H and Si-C Bonds by Metal-Ligand Cooperation: Formation of Silyl Anion and Silylene Equivalents from Tertiary Silanes. <i>Organometallics</i> , <b>2022</b> , 41, 659-665	3.8	2
345	Synthesis of Crystalline CF <sub>3</sub> -Rich Perfluoropolyethers from Hexafluoropropylene Oxide and (Trifluoromethyl)trimethylsilane.. <i>Macromolecular Rapid Communications</i> , <b>2022</b> , e2200038	4.8	1
344	Cationic and Neutral Iridium(III) Hydride Complexes Supported by a Rigid, Bidentate Boryl/Phosphine Ligand. <i>Organometallics</i> , <b>2022</b> , 41, 1063-1066	3.8	
343	Metal-Ligand Cooperative Bond Cleavage/Formation and Their Catalytic Applications with Cyclopentadienone Metal Complexes. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , <b>2022</b> , 80, 459-468	0.2	
342	Copolymerization of ethylene with non-vinyl polar monomers.. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , <b>2022</b> , 98, 222-226	4	0
341	Accessing Divergent Main-Chain-Functionalized Polyethylenes via Copolymerization of Ethylene with a CO/Butadiene-Derived Lactone. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 17953-17957	16.4	5
340	One-Pot Synthesis of Polyethylene-Based Block Copolymers a Dual Polymerization Pathway. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 18832-18837	16.4	1
339	A Ni(0) Borane Complex of a Rigid Bidentate Borane/Phosphine Ligand: Boryl-Ni Formation by Oxidative Dehydrochloroborylation and Catalytic Activity for Ethylene Polymerization. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> ,	16.4	3
338	High Density Polyethylenes Bearing Isolated In-Chain Carbonyls*. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 26506-26510	16.4	7
337	High Density Polyethylenes Bearing Isolated In-Chain Carbonyls**. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 26710-26719	10.6	0
336	New Polymers Made from Carbon Dioxide and Alkenes. <i>Bulletin of the Chemical Society of Japan</i> , <b>2021</b> , 94, 984-988	5.1	7
335	Metal-support cooperation in Al(PO <sub>3</sub> ) <sub>3</sub> -supported platinum nanoparticles for the selective hydrogenolysis of phenols to arenes. <i>Nature Catalysis</i> , <b>2021</b> , 4, 312-321	36.5	3
334	Synthesis and Properties of Spiro-double Sila[7]helicene: The LUMO Spiro-conjugation. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 9342-9349	4.8	3
333	Copolymerization of ethylene and methyl acrylate by palladium catalysts bearing IzQO ligands containing methoxyethyl ether moieties and salt effects for polymerization. <i>Polymer Journal</i> , <b>2021</b> , 53, 1057-1060	2.7	2
332	Bench-Stable Electrophilic Fluorinating Reagents for Highly Selective Mono- and Difluorination of Silyl Enol Ethers. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 11919-11925	4.8	0

331	Heterolytic Oxidative Addition of sp and sp C-H Bonds by Metal-Ligand Cooperation with an Electron-Deficient Cyclopentadienone Iridium Complex. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 12999-13004	16.4	2
330	Umpolung of B-H Bonds by Metal-Ligand Cooperation with Cyclopentadienone Iridium Complexes. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 2844-2848	16.4	4
329	Toward the Copolymerization of Propylene with Polar Comonomers. <i>Accounts of Chemical Research</i> , <b>2021</b> , 54, 344-355	24.3	29
328	Umpolung of B-H Bonds by Metal-Ligand Cooperation with Cyclopentadienone Iridium Complexes. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 2880-2884	3.6	
327	Reversible Pt-CH deuteration without methane loss: metal-ligand cooperation ligand-assisted Pt-protonation. <i>Chemical Science</i> , <b>2021</b> , 12, 2960-2969	9.4	1
326	Single-Step Construction of Deoxypropionate Motif by Stereospecific Propylene Oligomerization. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , <b>2021</b> , 79, 100-108	0.2	
325	Lithium Hexaphenylrhodate(III) and -Iridate(III): Structure in the Solid State and in Solution. <i>Organometallics</i> , <b>2021</b> , 40, 2489-2495	3.8	
324	Metal-ligand cooperative $\pi$ -pyrazolate Cp*Rh-catalysts for dehydrogenation of dimethylamine-borane at room temperature. <i>Dalton Transactions</i> , <b>2021</b> , 50, 7938-7943	4.3	2
323	Highly Active Cross-Metathesis of Tetrafluoroethylene with a Seven-Membered N-Heterocyclic-Carbene-Ruthenium Catalyst. <i>Journal of the American Chemical Society</i> , <b>2021</b> ,	16.4	3
322	Aluminum porphyrins with quaternary ammonium halides as catalysts for copolymerization of cyclohexene oxide and CO: metal-ligand cooperative catalysis. <i>Chemical Science</i> , <b>2020</b> , 11, 5669-5675	9.4	21
321	Alternating Copolymerization of CO and Cyclohexene Oxide Catalyzed by Cobalt-Lanthanide Mixed Multinuclear Complexes. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 7928-7933	5.1	25
320	Synthesis of unsymmetrically substituted triaryl amines acceptorless dehydrogenative aromatization using a Pd/C and -toluenesulfonic acid hybrid relay catalyst. <i>Chemical Science</i> , <b>2020</b> , 11, 4074-4084	9.4	6
319	An Endergonic Synthesis of Single Sondheimer-Wong Diyne by Local Probe Chemistry. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 10842-10847	16.4	10
318	Synthesis of Fluorinated Dialkyl Carbonates from Carbon Dioxide as a Carbonyl Source. <i>ChemSusChem</i> , <b>2020</b> , 13, 1775-1784	8.3	3
317	Metal-metal cooperative bond activation by heterobimetallic alkyl, aryl, and acetylide Pt/Cu complexes. <i>Chemical Science</i> , <b>2020</b> , 11, 5494-5502	9.4	15
316	Cleavage of C-C and C-O Bonds in EO-4 Linkage of Lignin Model Compound by Cyclopentadienone Group 8 and 9 Metal Complexes. <i>Chemistry Letters</i> , <b>2020</b> , 49, 477-480	1.7	2
315	An Endergonic Synthesis of Single Sondheimer-Wong Diyne by Local Probe Chemistry. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 10934-10939	3.6	
314	Reductive Coupling of Carbon Dioxide and an Aldehyde Mediated by a Copper(I) Complex toward the Synthesis of $\beta$ -Hydroxycarboxylic Acids. <i>Organic Letters</i> , <b>2020</b> , 22, 4922-4926	6.2	5

313	Heavy-Metal-Free Fischer-Tropsch Type Reaction: Sequential Homologation of Alkylborane Using a Combination of CO and Hydrides as Methylene Source. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 14064-14068	16.4	8
312	Expedient Synthetic Identification of a P-Stereogenic Ligand Motif for the Palladium-Catalyzed Preparation of Isotactic Polar Polypropylenes. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 22780-22790	3.6	4
311	Expedient Synthetic Identification of a P-Stereogenic Ligand Motif for the Palladium-Catalyzed Preparation of Isotactic Polar Polypropylenes. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 22591-22601	16.4	8
310	Synthesis of and Structural Insights into Contact Ion Pair and Solvent-Separated Ion Pair Diphenyliridate Complexes. <i>Organometallics</i> , <b>2020</b> , 39, 3077-3081	3.8	3
309	Copolymerization of Nonpolar Olefins and Allyl Acetate Using Nickel Catalysts Bearing a Methylene-Bridged Bisphosphine Monoxide Ligand. <i>Macromolecules</i> , <b>2020</b> , 53, 2547-2556	5.5	16
308	Stepwise Reduction of Azapentabenzocorannulene. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 12235-12239	3.6	10
307	Metal-Ligand Cooperative C-H Bond Formation by Cyclopentadienone Platinum Complexes. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 2247-2250	16.4	13
306	Synthesis of carbonyl-bridged dibenzofulvalenes and related compounds by rhodium-catalyzed stitching reaction. <i>Chemical Communications</i> , <b>2019</b> , 55, 1072-1075	5.8	9
305	Selective Synthesis of Primary Anilines from NH <sub>3</sub> and Cyclohexanones by Utilizing Preferential Adsorption of Styrene on the Pd Nanoparticle Surface. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 11009-11013	3.6	4
304	Cyanide-Free One-Pot Synthesis of Methacrylic Esters from Acetone. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 10913-10917	4.8	2
303	Selective Synthesis of Primary Anilines from NH <sub>3</sub> and Cyclohexanones by Utilizing Preferential Adsorption of Styrene on the Pd Nanoparticle Surface. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 10893-10897	16.4	23
302	Cleavage of Si-H, B-H, and C-H Bonds by Metal-Ligand Cooperation. <i>Chemical Reviews</i> , <b>2019</b> , 119, 10393-10402	16.4	53
301	Synthesis of Polyethylene with In-Chain $\beta$ -Unsaturated Ketone and Isolated Ketone Units: Pd-Catalyzed Ring-Opening Copolymerization of Cyclopropanone with Ethylene. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 12955-12959	16.4	20
300	Stepwise Reduction of Azapentabenzocorannulene. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 12107-12111	16.4	21
299	Reversible Polymer-Chain Modification: Ring-Opening and Closing of Polylactone. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 10938-10942	16.4	12
298	Synthesis of Polyethylene with In-Chain $\beta$ -Unsaturated Ketone and Isolated Ketone Units: Pd-Catalyzed Ring-Opening Copolymerization of Cyclopropanone with Ethylene. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 13089-13093	3.6	5
297	Dehydrogenative Aromatization Reactions by Supported Pd or Au-Pd Alloy Nanoparticles Catalysts. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , <b>2019</b> , 77, 566-575	0.2	
296	Single-molecule single-electron transistor (SM-SET) based on $\beta$ -conjugated quinoidal-fused oligosilole and heteroepitaxial spherical Au/Pt nanogap electrodes. <i>Applied Physics Express</i> , <b>2019</b> , 12, 125007	2.4	9

295	Palladium complexes bearing an N-heterocyclic carbene-sulfonamide ligand for copolymerization of ethylene and polar monomers. <i>Journal of Polymer Science Part A</i> , <b>2019</b> , 57, 474-477	2.5	17
294	Methylene-Bridged Bisphosphine Monoxide Ligands for Palladium-Catalyzed Copolymerization of Ethylene and Polar Monomers. <i>ACS Macro Letters</i> , <b>2018</b> , 7, 305-311	6.6	53
293	Nickel-Catalyzed Propylene/Polar Monomer Copolymerization. <i>ACS Macro Letters</i> , <b>2018</b> , 7, 213-217	6.6	38
292	Palladium/IzQO-Catalyzed Coordination-Insertion Copolymerization of Ethylene and 1,1-Disubstituted Ethylenes Bearing a Polar Functional Group. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 1876-1883	16.4	58
291	Dehydrogenation of Dimethylamine-Borane Catalyzed by Half-Sandwich Ir and Rh Complexes: Mechanism and the Role of Cp* Noninnocence. <i>Organometallics</i> , <b>2018</b> , 37, 906-914	3.8	19
290	Hydrogenation of Carbon Dioxide with Organic Base by PCIP-Ir Catalysts. <i>Organometallics</i> , <b>2018</b> , 37, 3001-3009	3.8	22
289	Functionalization of Azapentabenzocorannulenes by Fivefold C-H Borylation and Cross-Coupling Arylation: Application to Columnar Liquid-Crystalline Materials. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 14075-14078	4.8	18
288	Single-Step Construction of the anti-Deoxypropionate Motif from Propylene: Formal Total Synthesis of the Cuticular Hydrocarbons Isolated from <i>Antitrogus parvulus</i> . <i>Angewandte Chemie</i> , <b>2018</b> , 130, 11564-11568	3.6	
287	Synthesis and Reactivity of Methylpalladium Complexes Bearing a Partially Saturated IzQO Ligand. <i>Organometallics</i> , <b>2018</b> , 37, 2286-2296	3.8	16
286	Palladium-Catalyzed Intramolecular C-H Arylation versus 1,5-Palladium Migration: A Theoretical Investigation. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 2566-2572	4.5	14
285	A Hybrid of Corannulene and Azacorannulene: Synthesis of a Highly Curved Nitrogen-Containing Buckybowl. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 9818-9822	16.4	48
284	A Hybrid of Corannulene and Azacorannulene: Synthesis of a Highly Curved Nitrogen-Containing Buckybowl. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 9966-9970	3.6	21
283	Selective Chain-End Functionalization of Polar Polyethylenes: Orthogonal Reactivity of Carbene and Polar Vinyl Monomers in Their Copolymerization with Ethylene. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 15635-15640	16.4	39
282	Branched-Selective Hydroformylation of Nonactivated Olefins Using an N-Triphos/Rh Catalyst. <i>ACS Catalysis</i> , <b>2018</b> , 8, 5799-5809	13.1	23
281	Single-Step Construction of the anti-Deoxypropionate Motif from Propylene: Formal Total Synthesis of the Cuticular Hydrocarbons Isolated from <i>Antitrogus parvulus</i> . <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 11394-11398	16.4	3
280	Phosphorescence Resulting from Interaction between Two Non-equivalent Metals on a Helical EConjugated Surface. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 1902	4.5	4
279	Synthesis of Optically Pure Helicene Metallocenes. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 2040-2044	16.4	18
278	Facile Styrene Formation from Ethylene and a Phenylplatinum(II) Complex Leading to an Observable Platinum(II) Hydride. <i>Organometallics</i> , <b>2017</b> , 36, 502-505	3.8	4

277	Synthesis of Quinoidal Fused Oligosiloles by Rhodium-Catalyzed Stitching Reaction and Theoretical Investigation of Their Properties. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 3861-3867	16.4	20
276	Synthesis of Optically Pure Helicene Metallocenes. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 2072-2076	3.6	10
275	Copolymerisation of ethylene with polar monomers by using palladium catalysts bearing an N-heterocyclic carbene-phosphine oxide bidentate ligand. <i>Chemical Communications</i> , <b>2017</b> , 53, 2630-2633	5.8	47
274	Cp*Ir-Catalyzed Acceptorless Dehydrogenation of Carbon-Carbon Single Bonds. <i>Organometallics</i> , <b>2017</b> , 36, 2317-2322	3.8	12
273	Structures and Physical Properties of Chemically Reduced Diindenosiloles and Their $\beta$ -Extended Derivatives. <i>Organometallics</i> , <b>2017</b> , 36, 2646-2653	3.8	9
272	Palladium-Catalyzed Asymmetric Synthesis of Silicon-Stereogenic 5,10-Dihydrophenazasilines via Enantioselective 1,5-Palladium Migration. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 9339-9344	3.6	29
271	Palladium-Catalyzed Asymmetric Synthesis of Silicon-Stereogenic 5,10-Dihydrophenazasilines via Enantioselective 1,5-Palladium Migration. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 9211-9216	16.4	54
270	A Ni-Mg-Al layered triple hydroxide-supported Pd catalyst for heterogeneous acceptorless dehydrogenative aromatization. <i>Chemical Communications</i> , <b>2017</b> , 53, 5267-5270	5.8	25
269	Versatile routes for synthesis of diarylamines through acceptorless dehydrogenative aromatization catalysis over supported gold-palladium bimetallic nanoparticles. <i>Chemical Science</i> , <b>2017</b> , 8, 2131-2142	9.4	33
268	Rhodium-Catalyzed Synthesis and Optical Properties of Silicon-Bridged Arylpyridines. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 2660-2665	4.8	36
267	Synthesis of Pyrrole-Fused Corannulenes: 1,3-Dipolar Cycloaddition of Azomethine Ylides to Corannulene. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 15560-15564	16.4	39
266	Synthesis of Pyrrole-Fused Corannulenes: 1,3-Dipolar Cycloaddition of Azomethine Ylides to Corannulene. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 15766-15770	3.6	15
265	Formal arylation of NH to produce diphenylamines over supported Pd catalysts. <i>Chemical Communications</i> , <b>2017</b> , 53, 10827-10830	5.8	14
264	Selective Synthesis of Primary Anilines from Cyclohexanone Oximes by the Concerted Catalysis of a Mg-Al Layered Double Hydroxide Supported Pd Catalyst. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 13821-13829	16.4	43
263	Competing Annulene and Radialene Structures in a Single Anti-Aromatic Molecule Studied by High-Resolution Atomic Force Microscopy. <i>ACS Nano</i> , <b>2017</b> , 11, 8122-8130	16.7	40
262	Carbonylation <b>2017</b> , 91-190		9
261	Selective synthesis of unsymmetric dibenzo[ <i>h</i> ]pentalenes by a rhodium-catalysed stitching reaction. <i>Chemical Science</i> , <b>2017</b> , 8, 101-107	9.4	37
260	Cationic Co $\beta$ alphen Complexes Bisligated by DMAP as Catalysts for the Copolymerization of Cyclohexene Oxide with Phthalic Anhydride or Carbon Dioxide. <i>Macromolecules</i> , <b>2017</b> , 50, 7895-7900	5.5	18

259	A Potassium Diboryllithate: Synthesis, Bonding Properties, and the Deprotonation of Benzene. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 11426-30	16.4	36
258	Development of Highly Active Ir <sup>III</sup> NP Catalysts for Hydrogenation of Carbon Dioxide with Organic Bases. <i>Bulletin of the Chemical Society of Japan</i> , <b>2016</b> , 89, 113-124	5.1	20
257	In Situ Generation of Co(III) -Salen Complexes for Copolymerization of Propylene Oxide and CO <sub>2</sub> . <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 13677-81	4.8	19
256	Reactions of 2-Methyltetrahydropyran on Silica-Supported Nickel Phosphide in Comparison with 2-Methyltetrahydrofuran. <i>ACS Catalysis</i> , <b>2016</b> , 6, 4549-4558	13.1	20
255	Copolymerization of Ethylene and Polar Monomers by Using Ni/IzQO Catalysts. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 2835-9	16.4	99
254	Rhodium-catalyzed asymmetric synthesis of silicon-stereogenic silicon-bridged arylpyridinones. <i>Chemical Science</i> , <b>2016</b> , 7, 1205-1211	9.4	41
253	A Qualitative Analysis of a "Bora-Brook Rearrangement": The Ambident Reactivity of Boryl-Substituted Alkoxide Including the Carbon-to-Oxygen Migration of a Boryl Group. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 3548-52	16.4	26
252	Rhodium-Catalyzed Stitching Reaction: Convergent Synthesis of Quinoidal Fused Oligosiloles. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 3635-8	16.4	26
251	One-step catalytic asymmetric synthesis of all-syn deoxypropionate motif from propylene: Total synthesis of (2R,4R,6R,8R)-2,4,6,8-tetramethyldecanoic acid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 2857-61	11.5	13
250	Ligand-controlled insertion regioselectivity accelerates copolymerisation of ethylene with methyl acrylate by cationic bisphosphine monoxide-palladium catalysts. <i>Chemical Science</i> , <b>2016</b> , 7, 737-744	9.4	53
249	Pyrazole Supported Zinc(II) Benzoates as Catalysts for the Ring Opening Copolymerization of Cyclohexene Oxide and Carbon Dioxide. <i>Catalysts</i> , <b>2016</b> , 6, 17	4	18
248	Synthesis and Properties of [7]Helicene-like Compounds Fused with a Fluorene Unit. <i>Organic Letters</i> , <b>2016</b> , 18, 3654-7	6.2	84
247	Copolymerization of Ethylene and Polar Monomers by Using Ni/IzQO Catalysts. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 2885-2889	3.6	22
246	Crystalline Isotactic Polar Polypropylene from the Palladium-Catalyzed Copolymerization of Propylene and Polar Monomers. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 7631-7635	3.6	38
245	Crystalline Isotactic Polar Polypropylene from the Palladium-Catalyzed Copolymerization of Propylene and Polar Monomers. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 7505-9	16.4	85
244	A Potassium Diboryllithate: Synthesis, Bonding Properties, and the Deprotonation of Benzene. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 11598-11602	3.6	23
243	Intermolecular Three-Component Arylsilylation of Alkynes under Palladium/Copper Cooperative Catalysis. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 3065-9	4.2	33
242	Elucidating the Key Role of PhosphineSulfonate Ligands in Palladium-Catalyzed Ethylene Polymerization: Effect of Ligand Structure on the Molecular Weight and Linearity of Polyethylene. <i>ACS Catalysis</i> , <b>2016</b> , 6, 6101-6113	13.1	63

241	Direct and selective hydrogenolysis of arenols and aryl methyl ethers. <i>Nature Communications</i> , <b>2015</b> , 6, 6296	17.4	66
240	Formal aryne/ethylene copolymerization to form polyethylene containing o-arylene units in the main chain. <i>Polymer Journal</i> , <b>2015</b> , 47, 474-480	2.7	3
239	Formal Aryne/Carbon Monoxide Copolymerization To Form Aromatic Polyketones/Polyketals. <i>Macromolecules</i> , <b>2015</b> , 48, 1959-1962	5.5	12
238	Synthesis and properties of benzophospholo[3,2-b]benzofuran derivatives. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 3790-7	4.2	23
237	Benzene-Fused Azacorannulene Bearing an Internal Nitrogen Atom. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 7256-60	16.4	131
236	Copolymerization of Propylene and Polar Monomers Using Pd/IzQO Catalysts. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 10934-7	16.4	139
235	Higher-Order $\pi$ -Electron Systems Based on Helicene Molecules <b>2015</b> , 37-46		
234	Rhodium-catalyzed asymmetric synthesis of silicon-stereogenic dibenzosiloles by enantioselective [2+2+2] cycloaddition. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 1616-20	16.4	88
233	Isoquinolino[4,3,2-de]phenanthridine: synthesis and its use in 1,3-dipolar cycloadditions to form nitrogen-containing polyaromatic hydrocarbons. <i>Chemical Communications</i> , <b>2015</b> , 51, 221-4	5.8	57
232	The Retro-Hydroformylation Reaction. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 8578-8581	3.6	10
231	The Retro-Hydroformylation Reaction. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 8458-61	16.4	40
230	Rhodium-Catalyzed Asymmetric Synthesis of Silicon-Stereogenic Dibenzosiloles by Enantioselective [2+2+2] Cycloaddition. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 1636-1640	3.6	38
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216	Silylative cyclopropanation of allyl phosphates with silylboronates. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 6546-9	16.4	22
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100	Asymmetric polymerization using C1 resources. <i>Journal of Polymer Science Part A</i> , <b>2004</b> , 42, 215-221	2.5	28
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91	The double N-arylation of primary amines: toward multisubstituted carbazoles with unique optical properties. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 2051-3	16.4	153
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88	Asymmetric alternating copolymerization of cyclohexene oxide and CO <sub>2</sub> with dimeric zinc complexes. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 5501-10	16.4	152
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3	Asymmetric Polymerization		8
2	Activation of Small Molecules (C <sub>2</sub> O, HCN, RN <sub>2</sub> C, and CO <sub>2</sub> )		1
1	Enantioselective Hydroformylation		1-564