

Michał, Barbasiewicz

List of Publications by Year in descending order

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docs citations

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1027
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#	ARTICLE	IF	CITATIONS
1	Structure and Activity Peculiarities of Ruthenium Quinoline and Quinoxaline Complexes: A Novel Metathesis Catalysts. <i>Organometallics</i> , 2006, 25, 3599-3604.	2.3	112
2	Probing of the Ligand Anatomy: Effects of the Chelating Alkoxy Ligand Modifications on the Structure and Catalytic Activity of Ruthenium Carbene Complexes. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 193-203.	4.3	80
3	Mechanistic Insights into the <i>cis</i> → <i>trans</i> Isomerization of Ruthenium Complexes Relevant to Catalysis of Olefin Metathesis. <i>Chemistry - A European Journal</i> , 2010, 16, 14354-14364.	3.3	70
4	Ruthenium quinoline and quinoxaline complexes: Thermally triggered initiators for ring opening metathesis polymerization. <i>Journal of Polymer Science Part A</i> , 2007, 45, 3494-3500.	2.3	64
5	Is the Hoveyda-Grubbs Complex a Vinylogous Fischer-Type Carbene? Aromaticity-Controlled Activity of Ruthenium Metathesis Catalysts. <i>Chemistry - A European Journal</i> , 2008, 14, 9330-9337.	3.3	60
6	How To Reach Intense Luminescence for Compounds Capable of Excited-State Intramolecular Proton Transfer?. <i>Chemistry - A European Journal</i> , 2016, 22, 7485-7496.	3.3	60
7	Dibridgehead Diphosphines that Turn Themselves Inside Out. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6647-6651.	13.8	44
8	Gyroscope-Like Molecules Consisting of Pd ₂ /Pt ₂ Rotators within Three-Spoke Dibridgehead Diphosphine Stators: Syntheses, Substitution Reactions, Structures, and Dynamic Properties. <i>Chemistry - A European Journal</i> , 2014, 20, 4617-4637.	3.3	44
9	Intermolecular Reactions of Chlorohydrine Anions: Acetalization of Carbonyl Compounds under Basic Conditions. <i>Organic Letters</i> , 2006, 8, 3745-3748.	4.6	41
10	Synthesis of 4- and 6-substituted nitroindoles. <i>Tetrahedron</i> , 2004, 60, 347-358.	1.9	38
11	Three-Fold Intramolecular Ring-Closing Metatheses Involving Square-Planar Platinum Complexes with <i>cis</i> -Phosphorus Donor Ligands: Syntheses, Structures, and Properties of Parachute-like Complexes. <i>Inorganic Chemistry</i> , 2008, 47, 3474-3476.	4.0	38
12	A New Family of Halogen-Chelated Hoveyda-Grubbs-Type Metathesis Catalysts. <i>Chemistry - A European Journal</i> , 2012, 18, 14237-14241.	3.3	37
13	Mechanistic Studies of Hoveyda-Grubbs Metathesis Catalysts Bearing S, Br, I, and N-coordinating Naphthalene Ligands. <i>Chemistry - A European Journal</i> , 2014, 20, 2819-2828.	3.3	34
14	Corey-Chaykovsky Cyclopropanation of Nitronaphthalenes: Access to Benzonorcaradienes and Related Systems. <i>Organic Letters</i> , 2019, 21, 9320-9325.	4.6	32
15	Synthesis and Properties of Bimetallic Hoveyda-Grubbs Metathesis Catalysts. <i>Organometallics</i> , 2012, 31, 3636-3646.	2.3	31
16	Nitration Under Continuous Flow Conditions: Convenient Synthesis of 2-Isopropoxy-5-nitrobenzaldehyde, an Important Building Block in the Preparation of Nitro-Substituted Hoveyda-Grubbs Metathesis Catalyst. <i>Organic Process Research and Development</i> , 2012, 16, 1430-1435.	2.7	31
17	Nucleophilic Fluorination with Aqueous Bifluoride Solution: Effect of the Phase-Transfer Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 6693-6701.	6.7	29
18	Phase transfer alkylation of arylacetonitriles revisited. <i>Tetrahedron Letters</i> , 2006, 47, 3871-3874.	1.4	24

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19	Unequal siblings: Adverse characteristics of naphthalene-based Hoveyda-type second generation initiators in ring opening metathesis polymerization. <i>Journal of Polymer Science Part A</i> , 2011, 49, 3448-3454.	2.3	22
20	Syntheses and Palladium, Platinum, and Borane Adducts of Symmetrical Trialkylphosphines with Three Terminal Vinyl Groups, $P((CH_2)_mCH=CH_2)_3$. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2010, 65, 414-424.	0.7	19
21	Olefination with Sulfonyl Halides and Esters: Scope, Limitations, and Mechanistic Studies of the Hawkins Reaction. <i>Organic Letters</i> , 2017, 19, 1756-1759.	4.6	19
22	A Missing Relative: A Hoveyda-Grubbs Metathesis Catalyst Bearing a Peri-Substituted Naphthalene Framework. <i>Organometallics</i> , 2012, 31, 3171-3177.	2.3	18
23	Intriguing substituent effect in modified Hoveyda-Grubbs metathesis catalysts incorporating a chelating iodo-benzylidene ligand. <i>Dalton Transactions</i> , 2013, 42, 355-358.	3.3	16
24	The Key Role of the Nonchelating Conformation of the Benzylidene Ligand on the Formation and Initiation of Hoveyda-Grubbs Metathesis Catalysts. <i>Chemistry - A European Journal</i> , 2015, 21, 10322-10325.	3.3	15
25	Remarkable Ability of the Benzylidene Ligand To Control Initiation of Hoveyda-Grubbs Metathesis Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3513-3523.	2.0	13
26	Directed ortho-Metalation of Arenesulfonyl Fluorides and Aryl Fluorosulfates. <i>Synthesis</i> , 2019, 51, 2278-2286.	2.3	13
27	Diastereoselective Synthesis of Tetrahydrofurans via Reaction of β,β' -Epoxy-carbanions with Aldehydes. <i>Organic Letters</i> , 2005, 7, 2945-2948.	4.6	12
28	Latent metathesis catalyst stabilized with $NO_2 \cdots \pi$ interaction. <i>Journal of Organometallic Chemistry</i> , 2013, 745-746, 8-11.	1.8	12
29	Olefination with Sulfonyl Halides and Esters: <i>regioselective</i> Synthesis of Alkenes from Semistabilized Carbanion Precursors. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1774-1784.	2.4	10
30	Can Nitroalkanes be Obtained Directly from Alcohols and Sodium Nitrite in Acetic Acid - Hydrochloric Acid Mixture?. <i>Synlett</i> , 2001, 2001, 1121-1122.	1.8	9
31	Synthesis, properties and application of electronically-tuned tetraarylarsonium salts as phase transfer catalysts (PTC) for the synthesis of gem-difluorocyclopropanes. <i>Journal of Fluorine Chemistry</i> , 2017, 197, 106-110.	1.7	9
32	Alkylation of Nitropyridines via Vicarious Nucleophilic Substitution. <i>Organic Letters</i> , 2022, 24, 516-519.	4.6	8
33	Olefination with Sulfonyl Halides and Esters: Synthesis of Unsaturated Sulfonyl Fluorides. <i>Organic Letters</i> , 2022, 24, 4270-4274.	4.6	8
34	Initiation efficacy of halo-chelated cis-dichloro-configured ruthenium-based second-generation benzylidene complexes in ring-opening metathesis polymerization. <i>Monatshefte Für Chemie</i> , 2015, 146, 1153-1160.	1.8	6
35	Non-metal-templated approaches to bis(borane) derivatives of macrocyclic dibridgehead diphosphines via alkene metathesis. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 2354-2365.	2.2	5
36	Stereodivergent synthesis of alkenes by controllable <i>syn</i> -/ <i>anti</i> -fragmentation of β -hydroxysulfonyl intermediates. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 7660-7663.	2.8	5

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37	Intramolecular Addition of β -Chloro Carbanions to Electrophilic Groups: Synthesis of Tricyclic Tetrahydrofurans, Pyrrolidines, and Cyclopentanes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1885-1894.	2.4	4
38	Diastereoselective Synthesis of Tetrahydrofurans from Aryl 3-Chloropropylsulfoxides and Aldehydes. <i>Journal of Organic Chemistry</i> , 2010, 75, 3251-3259.	3.2	4
39	Intermolecular Reactions of α -Halocarbanions – Stepwise Analogs of 1,3-Dipolar Cycloaddition. <i>Helvetica Chimica Acta</i> , 2012, 95, 1871-1890.	1.6	4
40	Alkylation of Nitroarenes via Vicarious Nucleophilic Substitution – Experimental and DFT Mechanistic Studies. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	4
41	Studies on synthesis of quinonylidene Hoveyda-type complexes. <i>Applied Organometallic Chemistry</i> , 2015, 29, 322-327.	3.5	3
42	Olefination with sulfonyl halides and esters – sulfur-based variant of the Horner-Wadsworth-Emmons reaction. <i>Arkivoc</i> , 2021, 2021, 118-135.	0.5	3
43	Experimental and Theoretical Insights into Molecular and Solid-State Properties of Isomeric Bis(salicylaldehydes). <i>Journal of Physical Chemistry A</i> , 2019, 123, 8674-8689.	2.5	2
44	Synthesis of Substituted Tetrahydropyrans via Intermolecular Reactions of β -Halocarbanions with Aldehydes. <i>Synthesis</i> , 2007, 2007, 1209-1213.	2.3	0