

# Michal Michalak

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

534  
citations

471061

17  
h-index

642321

23  
g-index

37  
all docs

37  
docs citations

37  
times ranked

664  
citing authors

#	ARTICLE	IF	CITATIONS
1	The synthesis of cardenolide and bufadienolide aglycones, and related steroids bearing a heterocyclic subunit. <i>Natural Product Reports</i> , 2017, 34, 361-410.	5.2	43
2	A Formal Synthesis of Ezetimibe via Cycloaddition/Rearrangement Cascade Reaction. <i>Journal of Organic Chemistry</i> , 2011, 76, 6931-6936.	1.7	38
3	A New Family of Halogen-Chelated Hoveyda-Grubbs-Type Metathesis Catalysts. <i>Chemistry - A European Journal</i> , 2012, 18, 14237-14241.	1.7	37
4	NHC-Copper(I) Halide-Catalyzed Direct Alkynylation of Trifluoromethyl Ketones on Water. <i>Chemistry - A European Journal</i> , 2016, 22, 8089-8094.	1.7	29
5	Studies toward the total synthesis of di- and sesterterpenes with a dicyclopenta[a,d]cyclooctane skeleton. Construction of a versatile A/B ring building block via a ring-closing metathesis reaction and carbocationic rearrangement. <i>Tetrahedron Letters</i> , 2005, 46, 1149-1153.	0.7	28
6	Controlling the stereoselectivity of rac-LA polymerization by chiral recognition induced the formation of homochiral dimeric metal alkoxides. <i>Polymer Chemistry</i> , 2016, 7, 2022-2036.	1.9	25
7	NHC-Cu(I)-Catalyzed FriedlÄnder-Type Annulation of Fluorinated <i>o</i> -Aminophenones with Alkynes on Water: Competitive Base-Catalyzed Dibenzo[1,5]diazocine Formation. <i>Journal of Organic Chemistry</i> , 2017, 82, 7980-7997.	1.7	25
8	Elimination versus Ring Opening: A Convergent Route to Alkylidene-Cyclobutanes. <i>Organic Letters</i> , 2011, 13, 6296-6299.	2.4	24
9	Diastereoselective synthesis of propargylic N-hydroxylamines via NHC-copper halide-catalyzed reaction of terminal alkynes with chiral nitrones on water. <i>Chemical Communications</i> , 2015, 51, 1933-1936.	2.2	24
10	Studies Towards the Total Synthesis of Di- and Sesterterpenes with Dicyclopenta[a,d]cyclooctane Skeletons. Three-component Approach to the A/B Rings Building Block. <i>Molecules</i> , 2005, 10, 1084-1100.	1.7	23
11	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.	2.5	22
12	Synthetic Studies on Dicyclopenta[a,d]cyclooctane Terpenoids: Construction of the Core Structure of Fusicoccins and Ophiobolins on the Route Involving a Wagner-Meerwein Rearrangement. <i>Journal of Organic Chemistry</i> , 2011, 76, 7497-7509.	1.7	21
13	Studies on the Enantioselective Kinugasa Reaction: Efficient Synthesis of Î²-Lactams Catalyzed by <i>N</i> -PINAP/CuX Complexes. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 2212-2219.	1.2	21
14	NHC-copper complexes immobilized on magnetic nanoparticles: Synthesis and catalytic activity in the CuAAC reactions. <i>Journal of Catalysis</i> , 2018, 362, 46-54.	3.1	21
15	Application of a metathesis reaction in the synthesis of sterically congested medium-sized rings. A direct ring closing versus a double bond migration ring closing process. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3439.	1.5	20
16	Steric Control of Î±- and Î²-Alkylation of Azulenone Intermediates in a Guanacastepene A Synthesis. <i>Journal of Organic Chemistry</i> , 2010, 75, 762-766.	1.7	18
17	Synthesis of N,4-diaryl substituted Î³-lactams via Kinugasa cycloaddition/rearrangement reaction. <i>Tetrahedron</i> , 2012, 68, 10806-10817.	1.0	18
18	Construction of the Tricyclic 5âˆ²7âˆ²6 Scaffold of Fungi-Derived Diterpenoids. Total Synthesis of (Â±)-Heptemerone G and an Approach to Danishefsky's Intermediate for Guanacastepene A Synthesis. <i>Journal of Organic Chemistry</i> , 2010, 75, 8337-8350.	1.7	16

#	ARTICLE	IF	CITATIONS
19	Application of Piperazine-Derived Hydrazone Linkers for Alkylation of Solid-Phase Immobilized Ketones. <i>Synlett</i> , 2002, 2002, 1931-1934.	1.0	15
20	A synthetic approach to the functionalized hydroazulene core of guanacastepenes and heptemerenes. <i>Tetrahedron Letters</i> , 2008, 49, 6807-6809.	0.7	14
21	Synthetic Approaches to Chiral Non-C 2-symmetric N-Heterocyclic Carbene Precursors. <i>Synthesis</i> , 2019, 51, 1689-1714.	1.2	12
22	Acenaphthene-Based N-Heterocyclic Carbene Metal Complexes: Synthesis and Application in Catalysis. <i>Catalysts</i> , 2021, 11, 972.	1.6	10
23	A facile construction of the tricyclic 5-7-6 scaffold of fungi-derived diterpenoids. The first total synthesis of (±)-heptemerone G and a new approach to Danishefsky's intermediate for a guanacastepene A synthesis. <i>Tetrahedron Letters</i> , 2010, 51, 4344-4346.	0.7	7
24	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.	0.9	6
25	NHC-BIAN-Cu(I)-Catalyzed Friedländer-Type Annulation of 2-Amino-3-(per)fluoroacetylpyridines with Alkynes on Water. <i>Journal of Organic Chemistry</i> , 2022, 87, 6115-6136.	1.7	6
26	Practical One-Pot Synthesis of Protected l-Glyceraldehyde Derivatives. <i>Synthesis</i> , 2012, 44, 2695-2698.	1.2	4
27	Base-Catalyzed, Solvent-Free Synthesis of Rigid V-Shaped Epoxydibenzo[b,f][1,5]diazocines. <i>Journal of Organic Chemistry</i> , 2021, 86, 8955-8969.	1.7	4
28	Non-Kolbe electrolysis of N-protected-±-amino acids: a standardized method for the synthesis of N-protected (1-methoxyalkyl)amines. <i>RSC Advances</i> , 2022, 12, 2107-2114.	1.7	2
29	Efficient Olefin Isomerization-Ring-Closing Metathesis Reaction in Sterically Hindered Systems: Study on Simultaneous Use of the Grubbs Metathesis and Ruthenium Hydride Isomerization Catalysts. <i>Synlett</i> , 2005, 2005, 2277-2280.	1.0	1
30	Epoxydibenzo[b,f][1,5]diazocines: From a Hidden Structural Motif to an Efficient Solvent-Free Synthetic Protocol. <i>Synthesis</i> , 0, , .	1.2	0