

Marc Mauduit

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5784574/marc-mauduit-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

61
papers

2,308
citations

26
h-index

47
g-index

68
ext. papers

2,625
ext. citations

7.4
avg, IF

4.9
L-index

#	Paper	IF	Citations
61	Sustainable concepts in olefin metathesis. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 6786-8016	16.4	305
60	Copper-catalyzed asymmetric conjugate addition of Grignard reagents to trisubstituted enones. Construction of all-carbon quaternary chiral centers. <i>Journal of the American Chemical Society</i> , 2006 , 128, 8416-7	16.4	253
59	Regiodivergent 1,4 versus 1,6 asymmetric copper-catalyzed conjugate addition. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 9122-4	16.4	166
58	Formation of quaternary chiral centers by N-heterocyclic carbene-Cu-catalyzed asymmetric conjugate addition reactions with Grignard reagents on trisubstituted cyclic enones. <i>Chemistry - A European Journal</i> , 2010 , 16, 9890-904	4.8	100
57	Aminocarbonyl group containing Hoveyda-Grubbs-type complexes: synthesis and activity in olefin metathesis transformations. <i>Journal of Organic Chemistry</i> , 2008 , 73, 4225-8	4.2	86
56	Continuous flow homogeneous alkene metathesis with built-in catalyst separation. <i>Green Chemistry</i> , 2011 , 13, 1187	10	78
55	Formation of quaternary stereogenic centers by NHC-Cu-catalyzed asymmetric conjugate addition reactions with Grignard reagents on polyconjugated cyclic enones. <i>Chemistry - A European Journal</i> , 2012 , 18, 8731-47	4.8	72
54	Regiodivergent 1,4 versus 1,6 Asymmetric Copper-Catalyzed Conjugate Addition. <i>Angewandte Chemie</i> , 2008 , 120, 9262-9264	3.6	71
53	Towards Long-Living Metathesis Catalysts by Tuning the N-Heterocyclic Carbene (NHC) Ligand on Trifluoroacetamide-Activated Boomerang Ru Complexes. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 4254-4265	3.2	68
52	Selective Metathesis of Olefins from Bio-Sourced Fischer-Tropsch Feeds. <i>ACS Catalysis</i> , 2016 , 6, 7970-7976	16.1	54
51	Multicomponent synthesis of unsymmetrical unsaturated N-heterocyclic carbene precursors and their related transition-metal complexes. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 14103-7	16.4	54
50	Copper-Catalyzed Asymmetric Conjugate Addition of Dimethylzinc to Acyl-N-methylimidazole Michael Acceptors: a Powerful Synthetic Platform. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 11830-4	16.4	51
49	Enantioselective 1,6-conjugate addition to cyclic dienones catalyzed by the Cu-DiPPAM complex. <i>Organic Letters</i> , 2010 , 12, 4335-7	6.2	48
48	Multicomponent synthesis of chiral bidentate unsymmetrical unsaturated N-heterocyclic carbenes: copper-catalyzed asymmetric C-C bond formation. <i>Chemistry - A European Journal</i> , 2015 , 21, 993-7	4.8	44
47	Copper-catalyzed asymmetric conjugate addition of organometallic reagents to extended Michael acceptors. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 2418-34	2.5	43
46	A Versatile and Highly Z-Selective Olefin Metathesis Ruthenium Catalyst Based on a Readily Accessible N-Heterocyclic Carbene. <i>ACS Catalysis</i> , 2018 , 8, 3257-3262	13.1	42
45	Visible Light Induced Rhodium(I)-Catalyzed C-H Borylation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 15244-15248	16.4	41

44	Enantioselective 1,6-conjugate addition of dialkylzinc reagents to acyclic dienones catalyzed by Cu-DiPPAM complex-extension to asymmetric sequential 1,6/1,4-conjugate addition. <i>Chemistry - A European Journal</i> , 2013 , 19, 13663-7	4.8	41
43	Synergic Effects Between N-Heterocyclic Carbene and Chelating Benzylidene Ether Ligands Toward the Initiation Step of Hoveyda-Grubbs Type Ru Complexes. <i>ACS Catalysis</i> , 2013 , 3, 259-264	13.1	41
42	A fast-initiating ionically tagged ruthenium complex: a robust supported pre-catalyst for batch-process and continuous-flow olefin metathesis. <i>Chemistry - A European Journal</i> , 2012 , 18, 16369-82	4.8	39
41	Chiral NHC Ligands for the Copper-Catalyzed Asymmetric Conjugate Addition of Grignard Reagents. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 5301-5306	3.2	39
40	Asymmetric conjugate addition to α -substituted enones/enolate trapping. <i>Organic Letters</i> , 2014 , 16, 118-21	6.2	38
39	Significant asymmetric amplification in enantioselective Cu/DiPPAM-catalyzed 1,6- and 1,4-conjugate additions of diethylzinc to (di)enones. <i>Organic Letters</i> , 2012 , 14, 3576-9	6.2	36
38	Readily Accessible Unsymmetrical Unsaturated 2,6-Diisopropylphenyl N-Heterocyclic Carbene Ligands. Applications in Enantioselective Catalysis. <i>Journal of Organic Chemistry</i> , 2017 , 82, 1880-1887	4.2	34
37	Directed ortho C-H borylation catalyzed using Cp*Rh(iii)-NHC complexes. <i>Chemical Communications</i> , 2018 , 54, 8202-8205	5.8	30
36	Cycloalkyl-based unsymmetrical unsaturated (U)NHC ligands: flexibility and dissymmetry in ruthenium-catalysed olefin metathesis. <i>Dalton Transactions</i> , 2014 , 43, 7044-9	4.3	26
35	Asymmetric Allylic Alkylation 2014 , 85-126		24
34	The debut of chiral cyclic (alkyl)(amino)carbenes (CAACs) in enantioselective catalysis. <i>Chemical Science</i> , 2019 , 10, 7807-7811	9.4	23
33	Cationic bis-N-heterocyclic carbene (NHC) ruthenium complex: structure and application as latent catalyst in olefin metathesis. <i>Chemistry - A European Journal</i> , 2014 , 20, 13716-21	4.8	23
32	Copper-Catalyzed Asymmetric Conjugate Addition of Dimethylzinc to Acyl-N-methylimidazole Michael Acceptors: Scope, Limitations and Iterative Reactions. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 2519-2540	5.6	23
31	A tutorial review of stereoretentive olefin metathesis based on ruthenium dithiolate catalysts. <i>Beilstein Journal of Organic Chemistry</i> , 2018 , 14, 2999-3010	2.5	23
30	Electronic and chiroptical properties of chiral cycloiridiated complexes bearing helicenic NHC ligands. <i>Chemical Communications</i> , 2016 , 52, 9243-6	5.8	22
29	Cyclic (Alkyl)(amino)carbenes (CAACs) in Ruthenium Olefin Metathesis. <i>ACS Catalysis</i> , 2021 , 11, 1714-1748	13.1	20
28	From Prochiral N-Heterocyclic Carbenes to Optically Pure Metal Complexes: New Opportunities in Asymmetric Catalysis. <i>Journal of the American Chemical Society</i> , 2020 , 142, 93-98	16.4	17
27	From Environmentally Friendly Reusable Ionic-Tagged Ruthenium-Based Complexes to Industrially Relevant Homogeneous Catalysts: Toward a Sustainable Olefin Metathesis. <i>Synlett</i> , 2017 , 28, 773-798	2.2	16

26	Access to Fluorinated Lactams through Ring-Closing Metathesis of Reluctant Fluoroalkenes Promoted by Appropriate Substitution of a Double Bond. <i>ACS Catalysis</i> , 2014 , 4, 2374-2378	13.1	16
25	Copper-Catalyzed Asymmetric Conjugate Addition of Dimethylzinc to Acyl-N-methylimidazole Michael Acceptors: a Powerful Synthetic Platform. <i>Angewandte Chemie</i> , 2015 , 127, 11996-12000	3.6	16
24	Multicomponent Synthesis of Unsymmetrical Unsaturated N-Heterocyclic Carbene Precursors and Their Related Transition-Metal Complexes. <i>Angewandte Chemie</i> , 2013 , 125, 14353-14357	3.6	16
23	Asymmetric Sequential Cu-Catalyzed 1,6/1,4-Conjugate Additions of Hard Nucleophiles to Cyclic Dienones: Determination of Absolute Configurations and Origins of Enantioselectivity. <i>Chemistry - A European Journal</i> , 2017 , 23, 7515-7525	4.8	12
22	A kinetic resolution strategy for the synthesis of chiral octahedral NHC-iridium(iii) catalysts. <i>Chemical Communications</i> , 2019 , 55, 6058-6061	5.8	12
21	Optically Pure η^5 -Symmetric Cyclic(alkyl)(amino)carbene Ruthenium Complexes for Asymmetric Olefin Metathesis. <i>Journal of the American Chemical Society</i> , 2020 , 142, 19895-19901	16.4	12
20	Copper-Catalyzed Asymmetric Conjugate Additions of Bis(pinacolato)diboron and Dimethylzinc to Acyl- N-methylimidazole Michael Acceptors: A Highly Stereoselective Unified Strategy for 1,3,5,... n (OH, Me) Motif Synthesis. <i>Organic Letters</i> , 2019 , 21, 1872-1876	6.2	11
19	Acyl-Imidazoles: A Privileged Ester Surrogate for Enantioselective Synthesis. <i>ChemCatChem</i> , 2019 , 11, 5705-5722	5.2	10
18	Bleaching Earths as Powerful Additives for Ru-Catalyzed Self-Metathesis of Non-Refined Methyl Oleate at Pilot Scale. <i>Chemistry - A European Journal</i> , 2017 , 23, 12729-12734	4.8	10
17	Direct Immobilization of Ru-Based Catalysts on Silica: Hydrogen Bonds as Non-Covalent Interactions for Recycling in Metathesis Reactions. <i>ChemCatChem</i> , 2015 , 7, 2493-2500	5.2	10
16	In Situ Generation of Ru-Based Metathesis Catalyst. A Systematic Study. <i>ACS Catalysis</i> , 2019 , 9, 3511-3518	13.1	9
15	Copper-catalyzed enantioselective conjugate addition of organometallic reagents to challenging Michael acceptors. <i>Beilstein Journal of Organic Chemistry</i> , 2020 , 16, 212-232	2.5	9
14	Synthesis Optimization and Catalytic Activity Screening of Industrially Relevant Ruthenium-Based Metathesis Catalysts. <i>Topics in Catalysis</i> , 2014 , 57, 1351-1358	2.3	8
13	Highly selective macrocyclic ring-closing metathesis of terminal olefins in non-chlorinated solvents at low dilution. <i>Catalysis Science and Technology</i> , 2019 , 9, 436-443	5.5	8
12	Stereoretentive Olefin Metathesis Made Easy: In Situ Generation of Highly Selective Ruthenium Catalysts from Commercial Starting Materials. <i>Organic Letters</i> , 2018 , 20, 6822-6826	6.2	8
11	Continuous Flow Z-Stereoselective Olefin Metathesis: Development and Applications in the Synthesis of Pheromones and Macrocyclic Odorant Molecules*. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 19685-19690	16.4	8
10	Visible Light Induced Rhodium(I)-Catalyzed C _H Borylation. <i>Angewandte Chemie</i> , 2019 , 131, 15388-15392	3.6	7
9	DNA-Based Asymmetric Inverse Electron-Demand Hetero-Diels-Alder. <i>Chemistry - A European Journal</i> , 2020 , 26, 3519-3523	4.8	7

8	Activation of olefin metathesis complexes containing unsymmetrical unsaturated N-heterocyclic carbenes by copper and gold transmetalation. <i>Chemical Communications</i> , 2019 , 55, 11583-11586	5.8	6
7	Expedient synthesis of conjugated triynes alkyne metathesis. <i>Chemical Science</i> , 2020 , 11, 4934-4938	9.4	6
6	Catalytically Active Species in Copper/DiPPAM-Catalyzed 1,6-Asymmetric Conjugate Addition of Dialkylzinc to Dienones: A Computational Overview. <i>ChemCatChem</i> , 2019 , 11, 4108-4115	5.2	4
5	Synthesis and Application of Stereoretentive Ruthenium Catalysts on the Basis of the M7 and the RuBenzylideneOxazinone Design. <i>Organometallics</i> , 2018 , 37, 829-834	3.8	4
4	Iron-Catalyzed Enantioselective Intramolecular Inverse Electron-Demand Hetero Diels-Alder Reactions: An Access to Bicyclic Dihydropyran Derivatives. <i>Organic Letters</i> , 2019 , 21, 10007-10012	6.2	2
3	Metal-Catalyzed Metathesis of Fluorinated Alkenes: Still a Current Major Challenge. <i>ACS Catalysis</i> , 2021 , 11, 12307-12323	13.1	2
2	Continuous Flow Z-Stereoselective Olefin Metathesis: Development and Applications in the Synthesis of Pheromones and Macrocyclic Odorant Molecules**. <i>Angewandte Chemie</i> , 2021 , 133, 19837-19842	3.6	1
1	Catalytic Alkyne and Diyne Metathesis with Mixed Fluoroalkoxy-Siloxy Molybdenum Alkylidyne Complexes. <i>Organometallics</i> , 2021 , 40, 2008-2015	3.8	0