

Marc Mauduit

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.

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	Catalytic Alkyne and Diyne Metathesis with Mixed Fluoroalkoxy-Siloxy Molybdenum Alkylidyne Complexes. <i>Organometallics</i> , 2021 , 40, 2008-2015	3.8	0
60	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
59	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 ¹	16.4	8 ¹
58	Metal-Catalyzed Metathesis of Fluorinated Alkenes: Still a Current Major Challenge. <i>ACS Catalysis</i> , 2021 , 11, 12307-12323	13.1	2
57	Cyclic (Alkyl)(amino)carbenes (CAACs) in Ruthenium Olefin Metathesis. <i>ACS Catalysis</i> , 2021 , 11, 1714-1748	13.1	20
56	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
55	Expedient synthesis of conjugated triynes alkyne metathesis. <i>Chemical Science</i> , 2020 , 11, 4934-4938	9.4	6
54	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
53	Optically Pure -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
52	DNA-Based Asymmetric Inverse Electron-Demand Hetero-Diels-Alder. <i>Chemistry - A European Journal</i> , 2020 , 26, 3519-3523	4.8	7
51	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
50	Acyl-Imidazoles: A Privileged Ester Surrogate for Enantioselective Synthesis. <i>ChemCatChem</i> , 2019 , 11, 5705-5722	5.2	10
49	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
48	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
47	In Situ Generation of Ru-Based Metathesis Catalyst. A Systematic Study. <i>ACS Catalysis</i> , 2019 , 9, 3511-3518	13.1	9
46	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
45	Visible Light Induced Rhodium(I)-Catalyzed C-H Borylation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 15244-15248	16.4	41

44	The debut of chiral cyclic (alkyl)(amino)carbenes (CAACs) in enantioselective catalysis. <i>Chemical Science</i> , 2019 , 10, 7807-7811	9.4	23
43	Visible Light Induced Rhodium(I)-Catalyzed C _H Borylation. <i>Angewandte Chemie</i> , 2019 , 131, 15388-15392	3.6	7
42	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
41	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
40	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
39	Synthesis and Application of Stereoretentive Ruthenium Catalysts on the Basis of the M7 and the Ru-Benzylidene Oxazirone Design. <i>Organometallics</i> , 2018 , 37, 829-834	3.8	4
38	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
37	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
36	Directed ortho C-H borylation catalyzed using Cp*Rh(III)-NHC complexes. <i>Chemical Communications</i> , 2018 , 54, 8202-8205	5.8	30
35	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
34	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
33	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
32	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
31	Selective Metathesis of Olefins from Bio-Sourced Fischer-Tropsch Feeds. <i>ACS Catalysis</i> , 2016 , 6, 7970-7976	19.1	54
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	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
28	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
27	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

26	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
25	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
24	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
23	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
22	Asymmetric conjugate addition to β -substituted enones/enolate trapping. <i>Organic Letters</i> , 2014 , 16, 118-21	6.2	38
21	Asymmetric Allylic Alkylation 2014 , 85-126		24
20	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
19	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
18	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
17	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
16	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
15	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
14	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
13	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
12	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
11	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
10	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
9	Continuous flow homogeneous alkene metathesis with built-in catalyst separation. <i>Green Chemistry</i> , 2011 , 13, 1187	10	78

8	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
7	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
6	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
5	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
4	Regiodivergent 1,4 versus 1,6 asymmetric copper-catalyzed conjugate addition. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 9122-4	16.4	166
3	Regiodivergent 1,4 versus 1,6 Asymmetric Copper-Catalyzed Conjugate Addition. <i>Angewandte Chemie</i> , 2008 , 120, 9262-9264	3.6	71
2	Sustainable concepts in olefin metathesis. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 6786-801	16.4	305
1	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