

Olivier Basl

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.

37
papers

844
citations

18
h-index

28
g-index

40
ext. papers

1,010
ext. citations

7
avg, IF

4.23
L-index

#	Paper	IF	Citations
37	Visible-light-induced ruthenium-catalyzed alkylation of activated C(sp ³)H bonds. <i>Chem Catalysis</i> , 2021 , 1, 256-257		0
36	Hybrids of cationic [4]helicene and N-heterocyclic carbene as ligands for complexes exhibiting (chir)optical properties in the far red spectral window. <i>Chemical Communications</i> , 2021 , 57, 3793-3796	5.8	6
35	Expedient synthesis of conjugated triynes alkyne metathesis. <i>Chemical Science</i> , 2020 , 11, 4934-4938	9.4	6
34	Chiral N-Heterocyclic Carbene Ligands Enable Asymmetric C-H Bond Functionalization. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10242-10251	16.4	26
33	Chiral N-Heterocyclic Carbene Ligands Enable Asymmetric C-H Bond Functionalization. <i>Angewandte Chemie</i> , 2020 , 132, 10326-10335	3.6	9
32	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
31	Acyl-Imidazoles: A Privileged Ester Surrogate for Enantioselective Synthesis. <i>ChemCatChem</i> , 2019 , 11, 5705-5722	5.2	10
30	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
29	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
28	In Situ Generation of Ru-Based Metathesis Catalyst. A Systematic Study. <i>ACS Catalysis</i> , 2019 , 9, 3511-3518	3.1	9
27	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
26	Visible Light Induced Rhodium(I)-Catalyzed C-H Borylation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 15244-15248	16.4	41
25	Visible Light Induced Rhodium(I)-Catalyzed C-H Borylation. <i>Angewandte Chemie</i> , 2019 , 131, 15388-15392	3.6	7
24	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
23	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
22	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
21	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

20	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
19	Directed ortho C-H borylation catalyzed using Cp*Rh(iii)-NHC complexes. <i>Chemical Communications</i> , 2018 , 54, 8202-8205	5.8	30
18	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
17	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
16	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
15	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
14	Selective Metathesis of β -Olefins from Bio-Sourced Fischer-Tropsch Feeds. <i>ACS Catalysis</i> , 2016 , 6, 7970-7976	6.1	54
13	Electronic and chiroptical properties of chiral cycloiridiated complexes bearing helicenic NHC ligands. <i>Chemical Communications</i> , 2016 , 52, 9243-6	5.8	22
12	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
11	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
10	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
9	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
8	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
7	Asymmetric Allylic Alkylation 2014 , 85-126		24
6	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
5	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
4	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
3	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

2	Bidentate hydroxyalkyl NHC ligands for the copper-catalyzed asymmetric allylic substitution of allyl phosphates with Grignard reagents. <i>Chemistry - A European Journal</i> , 2013 , 19, 1199-203	4.8	57
1	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