Olivier Basl

List of Publications by Citations

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	Bidentate hydroxyalkyl NHC ligands for the copper-catalyzed asymmetric allylic substitution of allyl phosphates with Grignard reagents. *Chemistry - A European Journal*, **2013**, 19, 1199-203	4.8	57
36	Selective Metathesis of Olefins from Bio-Sourced Fischer Tropsch Feeds. *ACS Catalysis*, **2016**, 6, 7970-7976	13.1	54
35	Multicomponent synthesis of unsymmetrical unsaturated N-heterocyclic carbene precursors and their related transition-metal complexes. *Angewandte Chemie - International Edition*, **2013**, 52, 14103-7	16.4	54
34	Copper-Catalyzed Asymmetric Conjugate Addition of Dimethylzinc to Acyl-N-methylimidazole Michael Acceptors: a Powerful Synthetic Platform. *Angewandte Chemie - International Edition*, **2015**, 54, 11830-4	16.4	51
33	Multicomponent synthesis of chiral bidentate unsymmetrical unsaturated N-heterocyclic carbenes: copper-catalyzed asymmetric C-C bond formation. *Chemistry - A European Journal*, **2015**, 21, 993-7	4.8	44
32	Copper-catalyzed asymmetric conjugate addition of organometallic reagents to extended Michael acceptors. *Beilstein Journal of Organic Chemistry*, **2015**, 11, 2418-34	2.5	43
31	A Versatile and Highly Z-Selective Olefin Metathesis Ruthenium Catalyst Based on a Readily Accessible N-Heterocyclic Carbene. *ACS Catalysis*, **2018**, 8, 3257-3262	13.1	42
30	Visible Light Induced Rhodium(I)-Catalyzed C-H Borylation. *Angewandte Chemie - International Edition*, **2019**, 58, 15244-15248	16.4	41
29	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. *Chemistry - A European Journal*, **2013**, 19, 13663-7	4.8	41
28	Synergic Effects Between N-Heterocyclic Carbene and Chelating Benzylidene Ether Ligands Toward the Initiation Step of Hoveyda Grubbs Type Ru Complexes. *ACS Catalysis*, **2013**, 3, 259-264	13.1	41
27	Readily Accessible Unsymmetrical Unsaturated 2,6-Diisopropylphenyl N-Heterocyclic Carbene Ligands. Applications in Enantioselective Catalysis. *Journal of Organic Chemistry*, **2017**, 82, 1880-1887	4.2	34
26	Directed ortho C-H borylation catalyzed using Cp*Rh(iii)-NHC complexes. *Chemical Communications*, **2018**, 54, 8202-8205	5.8	30
25	Chiral N-Heterocyclic Carbene Ligands Enable Asymmetric C-H Bond Functionalization. *Angewandte Chemie - International Edition*, **2020**, 59, 10242-10251	16.4	26
24	Asymmetric Allylic Alkylation **2014**, 85-126		24
23	Cationic bis-N-heterocyclic carbene (NHC) ruthenium complex: structure and application as latent catalyst in olefin metathesis. *Chemistry - A European Journal*, **2014**, 20, 13716-21	4.8	23
22	Copper-Catalyzed Asymmetric Conjugate Addition of Dimethylzinc to Acyl-N-methylimidazole Michael Acceptors: Scope, Limitations and Iterative Reactions. *Advanced Synthesis and Catalysis*, **2016**, 358, 2519-2540	5.6	23
21	A tutorial review of stereoretentive olefin metathesis based on ruthenium dithiolate catalysts. *Beilstein Journal of Organic Chemistry*, **2018**, 14, 2999-3010	2.5	23

20	Electronic and chiroptical properties of chiral cycloiridiated complexes bearing helicenic NHC ligands. *Chemical Communications*, **2016**, 52, 9243-6	5.8	22
19	From Environmentally Friendly Reusable Ionic-Tagged Ruthenium-Based Complexes to Industrially Relevant Homogeneous Catalysts: Toward a Sustainable Olefin Metathesis. *Synlett*, **2017**, 28, 773-798	2.2	16
18	Copper-Catalyzed Asymmetric Conjugate Addition of Dimethylzinc to Acyl-N-methylimidazole Michael Acceptors: a Powerful Synthetic Platform. *Angewandte Chemie*, **2015**, 127, 11996-12000	3.6	16
17	Multicomponent Synthesis of Unsymmetrical Unsaturated N-Heterocyclic Carbene Precursors and Their Related Transition-Metal Complexes. *Angewandte Chemie*, **2013**, 125, 14353-14357	3.6	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. *Chemistry - A European Journal*, **2017**, 23, 7515-7525	4.8	12
15	A kinetic resolution strategy for the synthesis of chiral octahedral NHC-iridium(iii) catalysts. *Chemical Communications*, **2019**, 55, 6058-6061	5.8	12
14	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. *Organic Letters*, **2019**, 21, 1872-1876	6.2	11
13	Acyl-Imidazoles: A Privileged Ester Surrogate for Enantioselective Synthesis. *ChemCatChem*, **2019**, 11, 5705-5722	5.2	10
12	Bleaching Earths as Powerful Additives for Ru-Catalyzed Self-Metathesis of Non-Refined Methyl Oleate at Pilot Scale. *Chemistry - A European Journal*, **2017**, 23, 12729-12734	4.8	10
11	In Situ Generation of Ru-Based Metathesis Catalyst. A Systematic Study. *ACS Catalysis*, **2019**, 9, 3511-3518	13.1	9
10	Chiral N-Heterocyclic Carbene Ligands Enable Asymmetric CH Bond Functionalization. *Angewandte Chemie*, **2020**, 132, 10326-10335	3.6	9
9	Highly selective macrocyclic ring-closing metathesis of terminal olefins in non-chlorinated solvents at low dilution. *Catalysis Science and Technology*, **2019**, 9, 436-443	5.5	8
8	Stereoretentive Olefin Metathesis Made Easy: In Situ Generation of Highly Selective Ruthenium Catalysts from Commercial Starting Materials. *Organic Letters*, **2018**, 20, 6822-6826	6.2	8
7	Visible Light Induced Rhodium(I)-Catalyzed CH Borylation. *Angewandte Chemie*, **2019**, 131, 15388-15392	3.6	7
6	Activation of olefin metathesis complexes containing unsymmetrical unsaturated N-heterocyclic carbenes by copper and gold transmetalation. *Chemical Communications*, **2019**, 55, 11583-11586	5.8	6
5	Expedient synthesis of conjugated triynes alkyne metathesis. *Chemical Science*, **2020**, 11, 4934-4938	9.4	6
4	Hybrids of cationic [4]helicene and N-heterocyclic carbene as ligands for complexes exhibiting (chir)optical properties in the far red spectral window. *Chemical Communications*, **2021**, 57, 3793-3796	5.8	6
3	Catalytically Active Species in Copper/DiPPAM-Catalyzed 1,6-Asymmetric Conjugate Addition of Dialkylzinc to Dienones: A Computational Overview. *ChemCatChem*, **2019**, 11, 4108-4115	5.2	4

2	Synthesis and Application of Stereoretentive Ruthenium Catalysts on the Basis of the M7 and the Ru-Benzylidene-Oxazinone Design. *Organometallics*, **2018**, 37, 829-834	3.8	4
1	Visible-light-induced ruthenium-catalyzed alkylation of activated C(sp3)–H bonds. *Chem Catalysis*, **2021**, 1, 256-257		0