

Xavier Bugaut

List of Publications by Year in descending order

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33
papers

2,682
citations

394286

19
h-index

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37
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55
all docs

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docs citations

55
times ranked

2377
citing authors

#	ARTICLE	IF	CITATIONS
1	Organocatalytic umpolung: N-heterocyclic carbenes and beyond. <i>Chemical Society Reviews</i> , 2012, 41, 3511.	18.7	1,204
2	Enantioselective Syntheses of Furan Atropisomers by an Oxidative Central-to-Axial Chirality Conversion Strategy. <i>Journal of the American Chemical Society</i> , 2017, 139, 2140-2143.	6.6	195
3	Palladium-Catalyzed Selective Dehydrogenative Cross-Couplings of Heteroarenes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7479-7481.	7.2	163
4	Combining Organocatalysis with Central-to-Axial Chirality Conversion: Atroposelective Hantzsch-Type Synthesis of 4-Arylpyridines. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1401-1405.	7.2	150
5	N-Heterocyclic Carbene (NHC)-Catalyzed Intermolecular Hydroacylation of Cyclopropenes. <i>Journal of the American Chemical Society</i> , 2011, 133, 8130-8133.	6.6	146
6	Designing N-Heterocyclic Carbenes: Simultaneous Enhancement of Reactivity and Enantioselectivity in the Asymmetric Hydroacylation of Cyclopropenes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12626-12630.	7.2	141
7	Enantioselective Organocatalyzed Domino Synthesis of Six-Membered Carbocycles. <i>Synthesis</i> , 2013, 45, 1909-1930.	1.2	80
8	Combining Organocatalysis with Central-to-Axial Chirality Conversion: Atroposelective Hantzsch-Type Synthesis of 4-Arylpyridines. <i>Angewandte Chemie</i> , 2016, 128, 1423-1427.	1.6	68
9	$\hat{I}\pm, \hat{I}^2$ -Unsaturated Acyl Cyanides as New Bis-Electrophiles for Enantioselective Organocatalyzed Formal [3+3]Spiroannulation. <i>Chemistry - A European Journal</i> , 2014, 20, 410-415.	1.7	53
10	Origin of the Enantioselectivity in Organocatalytic Michael Additions of \hat{I}^2 -Ketoamides to $\hat{I}\pm, \hat{I}^2$ -Unsaturated Carbonyls: A Combined Experimental, Spectroscopic and Theoretical Study. <i>Chemistry - A European Journal</i> , 2015, 21, 778-790.	1.7	35
11	Enantioselective Organocatalytic Multicomponent Synthesis of 2,6-Diazabicyclo[2.2.2]octanones. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 14143-14146.	7.2	32
12	Michael Addition-initiated Sequential Reactions from 1,3-dicarbonyls for the Synthesis of Polycyclic Heterocycles. <i>Current Organic Chemistry</i> , 2013, 17, 1920-1928.	0.9	32
13	Palladium(0)-Catalyzed Cross-Coupling of Potassium (<i>Z</i>)- \hat{I}^2 -Chloroalkenyl Trifluoroborates: A Chemo- and Stereoselective Access to (<i>Z</i>)-Chloroolefins and Trisubstituted Alkenes. <i>Chemistry - A European Journal</i> , 2009, 15, 5793-5798.	1.7	31
14	Organocatalytic Enantioselective Construction of Polyaromatic Architectures. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10861-10863.	7.2	30
15	Activation of 1,2- and 1,3-Ketoamides with Thiourea Organocatalyst for the Enantioselective Domino Synthesis of Functionalized Cyclohexanes. <i>Synthesis</i> , 2013, 45, 1659-1666.	1.2	24
16	Synthesis of the Landomycinone Skeleton. <i>Journal of Organic Chemistry</i> , 2010, 75, 8190-8198.	1.7	22
17	Organocatalytic Enantioselective Multicomponent Synthesis of Pyrrolpiperazines. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 851-856.	2.1	22
18	Organocatalytic Enantio- and Diastereoselective Conjugate Addition to Nitroolefins: When \hat{I}^2 -Ketoamides Surpass \hat{I}^2 -Ketoesters. <i>Chemistry - A European Journal</i> , 2014, 20, 8458-8466.	1.7	19

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19	Organocatalytic Enantioselective Synthesis of Tetrahydropyridines. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2432-2442.	1.2	18
20	Organocatalytic multicomponent synthesis of enantioenriched polycyclic 1,2,3,4-tetrahydropyridines: key substrate selection enabling regio- and stereoselectivities. <i>Chemical Communications</i> , 2015, 51, 1980-1982.	2.2	17
21	Addition of silylated nucleophiles to $\hat{\pm}$ -oxoketenes. <i>Chemical Communications</i> , 2016, 52, 3010-3013.	2.2	15
22	1.13 Benzoin and Aza-benzoin. , 2014, , 424-470.		13
23	Organocatalytic Multicomponent Reactions of 1,3-Dicarbonyls for the Synthesis of Enantioenriched Heterocycles. <i>Synthesis</i> , 2016, 48, 3479-3503.	1.2	12
24	Enantioselective Organocatalyzed Michael Additions of Nitroalkanes to 4- $\hat{\text{A}}$ rylidenedihydrofuran-2,3-diones and 4- $\hat{\text{A}}$ rylidene-pyrrolidine-2,3-diones. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 3486-3490.	1.2	12
25	Organocuprate-initiated Domino Michael-Intramolecular Aldol Reaction Application to the Formation of Ring B of the Aglycon of Landomycins. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 908-912.	1.2	11
26	On the Enantioselective Phosphoric-Acid-Catalyzed Hantzsch Synthesis of Polyhydroquinolines. <i>Organic Letters</i> , 2021, 23, 3394-3398.	2.4	11
27	Frustrated behavior of Lewis/Brønsted pairs inside molecular cages. <i>Organic Chemistry Frontiers</i> , 2022, 9, 1826-1836.	2.3	5
28	From Simple Cyclic 1,3-Ketoamides to Complex Spirolactams by Supported Heterogeneous Organocatalysis with PS-BEMP. <i>Synthesis</i> , 2016, 48, 3217-3231.	1.2	4
29	Michael Addition Initiated Substrate- or Catalyst-Controlled Chemodivergent Three-Component Construction of Fused and Bridged Polycyclic Heterocycles. <i>Synthesis</i> , 2015, 47, 2188-2198.	1.2	3
30	Azaphosphatranes Catalyzed Strecker Reaction in the Presence of Water. <i>ChemistrySelect</i> , 2020, 5, 14764-14767.	0.7	3
31	The Chloroazaphosphatranes Motif for Halogen Bonding in Solution. <i>Inorganic Chemistry</i> , 2021, 60, 11964-11973.	1.9	3
32	Hemicryptophane Cages with a $\langle i \rangle C \langle /i \rangle \langle sub \rangle 1 \langle /sub \rangle$ -Symmetric Cyclotrimeratrylene Unit. <i>Journal of Organic Chemistry</i> , 2021, 86, 15055-15062.	1.7	3
33	Weinreb $\hat{2}$ -Ketoamides in Enantioselective Organocatalysis: A Balance between Reactivity and Selectivity. <i>Synlett</i> , 2018, 29, 1272-1280.	1.0	1