

# Damien Bonne

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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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.

76  
papers

2,509  
citations

30  
h-index

49  
g-index

108  
ext. papers

2,883  
ext. citations

6.4  
avg, IF

5.39  
L-index

#	Paper	IF	Citations
76	Hidden Heptacyclic Chiral N-Acyl Iminium Ions: A New Entry to Enantioenriched Polycyclic Azepanes and Azocanes by Superacid-Promoted Intramolecular Pictet-Spengler Reaction.. <i>Chemistry - A European Journal</i> , <b>2022</b> , e202200432	4.8	
75	On the Enantioselective Phosphoric-Acid-Catalyzed Hantzsch Synthesis of Polyhydroquinolines. <i>Organic Letters</i> , <b>2021</b> , 23, 3394-3398	6.2	4
74	Sub-ppb mercury detection in real environmental samples with an improved rhodamine-based detection system. <i>Talanta</i> , <b>2021</b> , 224, 121909	6.2	3
73	Enantioselective Synthesis of Heterobiaryl Atropisomers <b>2021</b> , 75-108		
72	Enantioselective Synthesis of Atropisomers with Multiple Stereogenic Axes. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 12623-12634	16.4	43
71	Enantioselective Synthesis of Atropisomers with Multiple Stereogenic Axes. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 12723-12734	3.6	12
70	Bidirectional enantioselective synthesis of bis-benzofuran atropisomeric oligoarenes featuring two distal C-C stereogenic axes. <i>Chemical Science</i> , <b>2020</b> , 11, 403-408	9.4	33
69	Enantioenriched Methylene-Bridged Benzazocanes Synthesis by Organocatalytic and Superacid Activations. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 1295-1301	3.6	3
68	Enantioenriched Methylene-Bridged Benzazocanes Synthesis by Organocatalytic and Superacid Activations. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 1279-1285	16.4	4
67	Simultaneous Control of Central and Helical Chiralities: Expedient Helicoselective Synthesis of Dioxo[6]helicenes. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 16199-16204	16.4	13
66	Enantioselective Organocatalyzed Michael Additions of Nitroalkanes to 4-Arylidenedihydrofuran-2,3-diones and 4-Arylidene pyrrolidine-2,3-diones. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 3486-3490	3.2	6
65	Enantioselective organocatalytic activation of vinylidene-quinone methides (VQMs). <i>Chemical Communications</i> , <b>2019</b> , 55, 11168-11170	5.8	34
64	Experimental and theoretical studies of (4 $\pi$ - $2\pi$ ) annulations between $\beta$ -oxoketenes and stable phosphorous, nitrogen, or sulfur ylides. <i>Journal of Physical Organic Chemistry</i> , <b>2019</b> , 32, e3939	2.1	2
63	Use of 1, 3-Dicarbonyl Derivatives in Stereoselective Domino and Multicomponent Reactions <b>2019</b> , 59-120		
62	Design and synthesis of simplified speciophylline analogues and $\beta$ -carbolines as active molecules against Plasmodium falciparum. <i>Drug Development Research</i> , <b>2019</b> , 80, 133-137	5.1	9
61	A Bird's Eye View of Atropisomers Featuring a Five-Membered Ring. <i>European Journal of Organic Chemistry</i> , <b>2018</b> , 2018, 2417-2431	3.2	80
60	Normal, Abnormal, and Cascade Wittig Olefinations of $\beta$ -oxoketenes. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 11110-11118	4.8	7

59	Enantioselective Syntheses of Furan Atropisomers by an Oxidative Central-to-Axial Chirality Conversion Strategy. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 2140-2143	16.4	139
58	Enantioselective syntheses of atropisomers featuring a five-membered ring. <i>Chemical Communications</i> , <b>2017</b> , 53, 12385-12393	5.8	99
57	Expeditious Synthesis of Enantioenriched Tetrahydropyrans via Chemoselective C-N bond Cleavage of Aza-Oxa-Bicyclo[3.2.1]Octanes. <i>Advanced Synthesis and Catalysis</i> , <b>2017</b> , 359, 3638-3641	5.6	5
56	Organocatalytic Multicomponent Reactions of 1,3-Dicarbonyls for the Synthesis of Enantioenriched Heterocycles. <i>Synthesis</i> , <b>2016</b> , 48, 3479-3503	2.9	10
55	Enantioselective Organocatalyzed Consecutive Synthesis of Alkyl 4,5-Dihydrofuran-2-carboxylates from $\beta$ -Keto Esters and (Z)- $\beta$ -Chloro- $\beta$ -nitrostyrenes. <i>Synthesis</i> , <b>2016</b> , 49, 195-201	2.9	6
54	Combining Organocatalysis with Central-to-Axial Chirality Conversion: Atroposelective Hantzsch-Type Synthesis of 4-Arylpyridines. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 1401-5	16.4	115
53	Combining Organocatalysis with Central-to-Axial Chirality Conversion: Atroposelective Hantzsch-Type Synthesis of 4-Arylpyridines. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 1423-1427	3.6	54
52	Three- and Four-Membered Carbocycles <b>2015</b> , 115-156		1
51	Industrial Applications of Multiple Bond-Forming Transformations (MBFTs) <b>2015</b> , 423-446		
50	Synthesis of Biologically Relevant Molecules <b>2015</b> , 393-422		
49	Organocatalyzed Methodologies <b>2015</b> , 271-306		
48	Metal-Catalyzed Methodologies <b>2015</b> , 307-338		
47	Organocatalyzed Methodologies <b>2015</b> , 339-362		
46	MBFTs for the Total Synthesis of Natural Products <b>2015</b> , 363-392		
45	Definitions and Classifications of MBFTs <b>2015</b> , 1-8		
44	Five-Membered Heterocycles <b>2015</b> , 9-44		1
43	Six-Membered Heterocycles <b>2015</b> , 45-86		
42	Other Heterocycles <b>2015</b> , 87-114		

41	Five-Membered Carbocycles <b>2015</b> , 157-184		
40	Stereoselective Synthesis of Six-Membered Carbocycles <b>2015</b> , 185-210		
39	Seven- and Eight-Membered Carbocycles <b>2015</b> , 211-240		
38	Metal-Assisted Methodologies <b>2015</b> , 241-270		
37	Exploiting the Reactivity of 1,2-Ketoamides: Enantioselective Synthesis of Functionalized Pyrrolidines and Pyrrolo-1,4-benzodiazepine-2,5-diones. <i>Synlett</i> , <b>2015</b> , 26, 1591-1595	2.2	8
36	<b>2015</b> ,		18
35	Unsaturated acyl cyanides as new bis-electrophiles for enantioselective organocatalyzed formal [3+3]spiroannulation. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 410-5	4.8	45
34	A temporary-bridge strategy for enantioselective organocatalyzed synthesis of aza-seven-membered rings. <i>Chemical Communications</i> , <b>2014</b> , 50, 15605-8	5.8	18
33	1-Nitrocyclohexene <b>2014</b> , 1-5		
32	Design, Synthesis, and Organocatalytic Activity of N-Heterocyclic Carbenes Functionalized with Hydrogen-Bond Donors in Enantioselective Reactions of Homo-enolates. <i>European Journal of Organic Chemistry</i> , <b>2013</b> , 2013, 8253-8264	3.2	24
31	Stereoselective multiple bond-forming transformations (MBFTs): the power of 1,2- and 1,3-dicarbonyl compounds. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 2218-31	4.8	90
30	Cascade Reactions Forming Both C-C Bond and C-Heteroatom BOND <b>2013</b> , 559-585		2
29	Enantioselective Organocatalyzed Domino Synthesis of Six-Membered Carbocycles. <i>Synthesis</i> , <b>2013</b> , 45, 1909-1930	2.9	74
28	Activation of 1,2- and 1,3-Ketoamides with Thiourea Organocatalyst for the Enantioselective Domino Synthesis of Functionalized Cyclohexanes. <i>Synthesis</i> , <b>2013</b> , 45, 1659-1666	2.9	23
27	Temporary intramolecular generation of pyridine carbenes in metal-free three-component C-H bond functionalisation/aryl-transfer reactions. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 17578-83	4.8	43
26	Michael Addition-initiated Sequential Reactions from 1,3-dicarbonyls for the Synthesis of Polycyclic Heterocycles. <i>Current Organic Chemistry</i> , <b>2013</b> , 17, 1920-1928	1.7	31
25	1,2-Dicarbonylverbindungen als Prukleophile in organokatalytischen asymmetrischen Umwandlungen. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 40-42	3.6	14
24	1,2-Dicarbonyl compounds as pronucleophiles in organocatalytic asymmetric transformations. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 40-2	16.4	39

23	Asymmetric organocascades involving the formation of two C-heteroatom bonds from two distinct heteroatoms. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 3969-73	3.9	30
22	Enantioselective Organocatalytic Michael Addition of Cyclobutanones to Nitroalkenes. <i>Advanced Synthesis and Catalysis</i> , <b>2012</b> , 354, 3523-3532	5.6	56
21	Expeditious, Metal-Free, Domino, Regioselective Synthesis of Highly Substituted 2-Carbonyl- and 2-Phosphorylfurans by Formal [3+2] Cycloaddition. <i>European Journal of Organic Chemistry</i> , <b>2012</b> , 2012, 6119-6123	3.2	19
20	Activation of 1,2-Keto Esters with Takemoto's Catalyst toward Michael Addition to Nitroalkenes. <i>Advanced Synthesis and Catalysis</i> , <b>2012</b> , 354, 563-568	5.6	32
19	Asymmetric transformations involving 1,2-dicarbonyl compounds as pronucleophiles. <i>Chemical Communications</i> , <b>2012</b> , 48, 6763-75	5.8	40
18	Exploiting the divergent reactivity of $\beta$ -isocyanoacetate: multicomponent synthesis of 5-alkoxyoxazoles and related heterocycles. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 880-9	4.8	70
17	Consecutive Reactions with Sulfoximines: Straightforward Synthesis of Substituted 5,5-Spiroketal. <i>Synthesis</i> , <b>2011</b> , 2011, 2085-2090	2.9	2
16	Highly diastereo- and enantioselective organocatalytic michael addition of $\beta$ -ketoamides to nitroalkenes. <i>Organic Letters</i> , <b>2010</b> , 12, 5246-9	6.2	88
15	One-pot asymmetric cyclohydroxylation sequence for the enantioselective synthesis of functionalised cyclopentanes. <i>Chemical Communications</i> , <b>2010</b> , 46, 7247-9	5.8	28
14	1,3-Dicarbonyl compounds in stereoselective domino and multicomponent reactions. <i>Tetrahedron: Asymmetry</i> , <b>2010</b> , 21, 1085-1109		138
13	Michael addition initiated carbocyclization sequences with nitroolefins for the stereoselective synthesis of functionalized heterocyclic and carbocyclic systems. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 12470-88	4.8	27
12	Consecutive reactions with sulfoximines: a direct access to 2-sulfonimidoylylidene tetrahydrofurans and 6-sulfonimidoylmethyl-3,4-dihydro-2H-pyrans. <i>Tetrahedron</i> , <b>2009</b> , 65, 9756-9764	2.4	13
11	Sequential organocatalyzed Michael addition/[3 + 2]-heterocyclization for the stereoselective synthesis of fused-isoxazoline precursors of enantiopure cyclopentanoids. <i>Organic Letters</i> , <b>2008</b> , 10, 5409-12	6.2	39
10	Palladium-Catalysed Isomerisation of 2-Vinylidenehydrofurans to 1,3-Dienes and Some Aspects of Their Reactivity. <i>European Journal of Organic Chemistry</i> , <b>2008</b> , 2008, 4446-4453	3.2	7
9	Modulating the reactivity of alpha-isocyanoacetates: multicomponent synthesis of 5-methoxyoxazoles and furopyrrrolones. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 2485-8	16.4	169
8	Modulating the Reactivity of $\beta$ -isocyanoacetates: Multicomponent Synthesis of 5-Methoxyoxazoles and Furopyrrrolones. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 2537-2540	3.6	47
7	Mild oxidative one-carbon homologation of aldehyde to amide. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 6926-7	16.4	47
6	Exploiting the dual reactivity of o-isocyanobenzamide: three-component synthesis of 4-imino-4H-3,1-benzoxazines. <i>Organic Letters</i> , <b>2005</b> , 7, 5285-8	6.2	51

5	Ammonium chloride promoted Ugi four-component, five-center reaction of alpha-substituted alpha-isocyano acetic acid: a strong solvent effect. <i>Organic Letters</i> , <b>2004</b> , 6, 4771-4	6.2	39
4	N-Arylation of aminoesters with p-tolylboronic acid promoted by copper(II) acetate. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 1691-1694	2	92
3	Copper promoted C=N and C=O bond cross-coupling with phenyl and pyridylboronates. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 3863-3865	2	130
2	Copper-promoted/catalyzed C=N and C=O bond cross-coupling with vinylboronic acid and its utilities. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 4927-4931	2	156
1	Copper-promoted C=N bond cross-coupling with phenylstannane. <i>Tetrahedron Letters</i> , <b>2002</b> , 43, 3091-3094		73