

# Michael A Kerr

## List of Publications by Year in descending order

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54  
papers

5,357  
citations

76326

40  
h-index

155660

55  
g-index

61  
all docs

61  
docs citations

61  
times ranked

2687  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heterocycles from cyclopropanes: applications in natural product synthesis. <i>Chemical Society Reviews</i> , 2009, 38, 3051.	38.1	788
2	Carbocycles from donor-acceptor cyclopropanes. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 655-671.	2.8	429
3	A Homo [3+2] Dipolar Cycloaddition: The Reaction of Nitrones with Cyclopropanes. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3023-3026.	13.8	317
4	Total Synthesis of (+)-Nakadomarin A. <i>Journal of the American Chemical Society</i> , 2007, 129, 1465-1469.	13.7	186
5	Stereodivergent Methodology for the Synthesis of Complex Pyrrolidines. <i>Journal of the American Chemical Society</i> , 2008, 130, 4196-4201.	13.7	169
6	Diastereoselective Synthesis of Pyrrolidines via the Yb(OTf) <sub>3</sub> Catalyzed Three-Component Reaction of Aldehydes, Amines, and 1,1-Cyclopropanediester. <i>Journal of Organic Chemistry</i> , 2005, 70, 8242-8244.	3.2	168
7	Intramolecular annulations of donor-acceptor cyclopropanes. <i>Pure and Applied Chemistry</i> , 2010, 82, 1797-1812.	1.9	154
8	Cyclopentannulation of 3-Alkylindoles: A Synthesis of a Tetracyclic Subunit of the Kopsane Alkaloids. <i>Journal of Organic Chemistry</i> , 2001, 66, 4704-4709.	3.2	140
9	Three-Component Homo 3 + 2 Dipolar Cycloaddition. A Diversity-Oriented Synthesis of Tetrahydro-1,2-oxazines and FR900482 Skeletal Congeners. <i>Organic Letters</i> , 2004, 6, 139-141.	4.6	133
10	Diastereoselective Synthesis of Pyrrolidines Using a Nitron/Cyclopropane Cycloaddition: Synthesis of the Tetracyclic Core of Nakadomarin A. <i>Organic Letters</i> , 2005, 7, 953-955.	4.6	130
11	Zn(II)-Catalyzed Synthesis of Piperidines from Propargyl Amines and Cyclopropanes. <i>Organic Letters</i> , 2009, 11, 3770-3772.	4.6	129
12	Total Synthesis of (+)-Isatisine A. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1133-1135.	13.8	125
13	Magnesium Iodide Promoted Reactions of Nitrones with Cyclopropanes: A Synthesis of Tetrahydro-1,2-oxazines. <i>Journal of Organic Chemistry</i> , 2004, 69, 8554-8557.	3.2	121
14	Total Synthesis of (+)-Phyllantidine. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6560-6563.	13.8	119
15	Total Synthesis of (+)-Isatisine A. <i>Journal of Organic Chemistry</i> , 2010, 75, 6830-6841.	3.2	115
16	A Homo [3+2] Dipolar Cycloaddition: The Reaction of Nitrones with Cyclopropanes. <i>Angewandte Chemie</i> , 2003, 115, 3131-3134.	2.0	107
17	Tandem Cyclopropane Ring-Opening/Conia-ene Reactions of 2-Alkynyl Indoles: A [3 + 3] Annulative Route to Tetrahydrocarbazoles. <i>Organic Letters</i> , 2011, 13, 220-223.	4.6	107
18	The Cycloaddition of Nitrones with Homochiral Cyclopropanes. <i>Journal of Organic Chemistry</i> , 2007, 72, 8597-8599.	3.2	104

#	ARTICLE	IF	CITATIONS
19	Multicomponent Synthesis of Pyrroles from Cyclopropanes: A One-Pot Palladium(0)-Catalyzed Dehydrocarbonylation/Dehydration. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11088-11091.	13.8	98
20	Total Synthesis of (±)-Allosecurinine. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7945-7948.	13.8	92
21	The high pressure reaction of cyclopropanes with indoles catalyzed by ytterbium triflate. <i>Tetrahedron Letters</i> , 1997, 38, 5949-5952.	1.4	89
22	Nucleophilic Ring Opening of Cyclopropane Hemimalonates Using Internal Brønsted Acid Activation. <i>Organic Letters</i> , 2011, 13, 4180-4183.	4.6	84
23	The annulation of 3-alkylindoles with 1,1-cyclopropanediester. <i>Tetrahedron Letters</i> , 1999, 40, 5671-5675.	1.4	83
24	Expedient Synthesis of Pyrrolo[1,2- <i>a</i> ]indoles: Preparation of the Core of Yuremamine. <i>Organic Letters</i> , 2008, 10, 3497-3500.	4.6	80
25	Direct Functionalization of Indoles: Copper-Catalyzed Malonyl Carbenoid Insertions. <i>Organic Letters</i> , 2010, 12, 4956-4959.	4.6	80
26	Domino Synthesis of Bridged Bicyclic Tetrahydro-1,2-oxazines: Access to Stereodefined 4-Aminocyclohexanols. <i>Organic Letters</i> , 2009, 11, 3694-3697.	4.6	79
27	Synthesis of Cyclohexanes via [3 + 3] Hexannulation of Cyclopropanes and 2-Chloromethyl Allylsilanes. <i>Organic Letters</i> , 2009, 11, 2081-2084.	4.6	78
28	Stereodivergent Synthesis of Fused Bicyclopiprazolidines: Access to Pyrazolines and Pyrrolidines. <i>Organic Letters</i> , 2009, 11, 4354-4357.	4.6	67
29	Examination of Homo-[3 + 2]-Dipolar Cycloaddition: Mechanistic Insight into Regio- and Diastereoselectivity. <i>Journal of Organic Chemistry</i> , 2007, 72, 10251-10253.	3.2	65
30	Synthesis of Tetrahydropyrans from Propargyl Alcohols and 1,1-Cyclopropanediester: A One-Pot Ring-Opening/Conia-ene Protocol. <i>Journal of Organic Chemistry</i> , 2009, 74, 8414-8416.	3.2	60
31	Cascade Reaction of Donor-Acceptor Cyclopropanes: Mechanistic Studies on Cycloadditions with Nitrosoarenes and <i>cis</i> -Diazenes. <i>Organic Letters</i> , 2016, 18, 2922-2925.	4.6	59
32	Radical Cyclizations for the Synthesis of Pyrroloindoles: Progress toward the Flinderoles. <i>Organic Letters</i> , 2016, 18, 2142-2145.	4.6	57
33	Untargeted plasma and tissue metabolomics in rats with chronic kidney disease given AST-120. <i>Scientific Reports</i> , 2016, 6, 22526.	3.3	56
34	Total Synthesis of (±)-Decursivine. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 237-240.	2.4	53
35	Annulation Reactions of Donor-Acceptor Cyclopropanes with (1-Azidovinyl)benzene and 3-Phenyl-2- <i>H</i> -azirine. <i>Organic Letters</i> , 2016, 18, 4738-4741.	4.6	51
36	The Diels-Alder Reactions of Quinone Imine Ketals: A Versatile Synthesis of Highly Substituted 5-Methoxyindoles. <i>Organic Letters</i> , 2001, 3, 3325-3327.	4.6	46

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37	Total Synthesis of Eustifolines Aâ”D and Glycomaurrol via a Divergent Dielsâ”Alder Strategy. <i>Organic Letters</i> , 2007, 9, 1883-1886.	4.6	46
38	Highly Selective Dielsâ”Alder Reactions of Dienophiles with 1,3-Cyclohexadiene Mediated by Yb(OTf) <sub>3</sub> ·2H <sub>2</sub> O and Ultrahigh Pressures. <i>Organic Letters</i> , 2000, 2, 3517-3520.	4.6	43
39	Nucleophilic Opening of Donorâ”Acceptor Cyclopropanes with Indoles via Hydrogen Bond Activation with 1,1,1,3,3,3-Hexafluoroisopropanol. <i>Journal of Organic Chemistry</i> , 2018, 83, 6235-6242.	3.2	42
40	Scandium Triflate-Catalyzed Nucleophilic Additions to Indolylmethyl Meldrumâ”s Acid Derivatives via a Gramine-Type Fragmentation: Synthesis of Substituted Indolemethanes. <i>Journal of Organic Chemistry</i> , 2013, 78, 10534-10540.	3.2	38
41	Total Synthesis of (Â±)-Hapalindole Q. <i>Organic Letters</i> , 2001, 3, 3189-3191.	4.6	36
42	Synthesis and Cross-Coupling Reactions of 7-Azaindoles via a New Donorâ”Acceptor Cyclopropane. <i>Organic Letters</i> , 2006, 8, 3777-3779.	4.6	33
43	Synthesis and Cross-Coupling Reactions of Substituted 5-Triflyloxyindoles. <i>Journal of Organic Chemistry</i> , 2005, 70, 6519-6522.	3.2	31
44	The Annulation of Nitrones and Donorâ”Acceptor Cyclopropanes: A Personal Account of our Adventures to Date. <i>Israel Journal of Chemistry</i> , 2016, 56, 476-487.	2.3	28
45	Total Synthesis of Isodihydrokoumine, (19Z)-Taberpsychine, and (4R)-Isodihydrokoumine N4-Oxide. <i>Journal of the American Chemical Society</i> , 2018, 140, 8415-8419.	13.7	28
46	Tandem Cyclopropanation/Vinylogous Clokeâ”Wilson Rearrangement for the Synthesis of Heterocyclic Scaffolds. <i>Organic Letters</i> , 2018, 20, 7624-7627.	4.6	22
47	Facile Preparation of Hydrazones by the Treatment of Azides with Hydrazines Catalyzed by FeCl <sub>3</sub> ·6H <sub>2</sub> O. <i>Journal of Organic Chemistry</i> , 2000, 65, 6268-6269.	3.2	20
48	Synthesis of the Western Half of the Lolicines and Lolitrems. <i>Organic Letters</i> , 2006, 8, 2209-2212.	4.6	13
49	Catalyst-Free Tandem Ring-Opening/Click Reaction of Acetylene-Bearing Donorâ”Acceptor Cyclopropanes. <i>Synlett</i> , 2014, 25, 2297-2300.	1.8	13
50	Synthesis and reactivity of bis(2,2,2-trifluoroethyl)cyclopropane-1,1-dicarboxylates. <i>Organic Chemistry Frontiers</i> , 2015, 2, 1045-1047.	4.5	9
51	Annulation of Oximeâ”Ether Tethered Donorâ”Acceptor Cyclopropanes. <i>Chemistry - A European Journal</i> , 2020, 26, 171-175.	3.3	9
52	One-Pot Michael Addition/Radical Cyclization Reaction of N-Acryloyl Indoles. <i>Synlett</i> , 2017, 28, 2859-2864.	1.8	4
53	Synthesis of (Â±)-Allokainic Acid. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3122-3126.	2.4	3
54	A Homo [3 + 2] Dipolar Cycloaddition: The Reaction of Nitrones with Cyclopropanes.. <i>ChemInform</i> , 2003, 34, no.	0.0	0