Brian L Pagenkopf

List of Publications by Year
in descending order

44 papers	2,791 citations	201674 27 h-index	233421 45 g-index
51 all docs	51 docs citations	51 times ranked	1831 citing authors

#	Article	IF	Citations
1	Recent advances in donorâ€“acceptor (DA) cyclopropanes. Tetrahedron, 2005, 61, 321-347.	1.9	645
2	C-2/C-3 Annulation and C-2 Alkylation of Indoles with 2-Alkoxycyclopropanoate Esters. Journal of the American Chemical Society, 2007, 129, 9631-9634.	13.7	154
3	A Powerful New Strategy for Diversity-Oriented Synthesis of Pyrroles from Donorâ¯Acceptor Cyclopropanes and Nitriles. Organic Letters, 2003, 5, 5099-5101.	4.6	112
4	Cycloadditions of Donorâ€“Acceptor Cyclopropanes and Nitriles. European Journal of Organic Chemistry, 2017, 2017, 2561-2567.	2.4	111
5	Total Synthesis of (Â±)-Goniomitine via a Formal Nitrile/Donorâ¯Acceptor Cyclopropane [3 + 2] Cyclization. Organic Letters, 2008, 10, 157-159.	4.6	109
6	Formal [3 + 2] Cycloadditions of Donorâ¯Acceptor Cyclopropanes and Nitriles. Journal of the American Chemical Society, 2003, 125, 8122-8123.	13.7	97
7	The Formal [4+3] Cycloaddition between Donorâ¯Acceptor Cyclobutanes and Nitrones. Organic Letters, 2011, 13, 1528-1531.	4.6	92
8	Ytterbium Triflate Catalyzed Synthesis of Alkoxy-Substituted Donorâ¯Acceptor Cyclobutanes and Their Formal [4 + 2] Cycloaddition with Imines: Stereoselective Synthesis of Piperidines. Organic Letters, 2010, 12, 4732-4735.	4.6	88
9	Synthesis and Electronic Properties of Donorâ¯Acceptor Ï€-Conjugated Siloles. Journal of the American Chemical Society, 2004, 126, 3724-3725.	13.7	85
10	Tuning of Electrogenerated Silole Chemiluminescence. Angewandte Chemie - International Edition, 2008, 47, 7731-7735.	13.8	76
11	Synthesis of 2,2â€˜-Bipyrroles and 2,2â€˜-Thienylpyrroles from Donorâ¯Acceptor Cyclopropanes and 2-Cyanoheteroles. Organic Letters, 2004, 6, 1057-1059.	4.6	73
12	Formal [4 + 2] Cycloaddition of Alkoxy-Substituted Donorâ¯Acceptor Cyclobutanes and Aldehydes Catalyzed by Yb(OTf)₃. Organic Letters, 2010, 12, 4736-4738.	4.6	70
13	Synthesis of 5-Azaindoles via a Cycloaddition Reaction between Nitriles and Donorâ¯Acceptor Cyclopropanes. Organic Letters, 2010, 12, 3168-3171.	4.6	69
14	Increased Yields and Simplified Purification with a Second-Generation Cobalt Catalyst for the Oxidative Formation of trans-THF Rings. Organic Letters, 2009, 11, 5614-5617.	4.6	62
15	Cascade Reaction of Donorâ€“Acceptor Cyclopropanes: Mechanistic Studies on Cycloadditions with Nitrosoarenes and cis-Diazenes. Organic Letters, 2016, 18, 2922-2925.	4.6	59
16	A New Class of Substituted Aryl Bis(oxazoline) Ligands for Highly Enantioselective Copper-Catalyzed Asymmetric Aldol Addition of Dienolsilane to Pyruvate and Glyoxylate Esters. Organic Letters, 2004, 6, 4097-4099.	4.6	57
17	A Controlled, Iterative Synthesis and the Electronic Properties of Oligo[(p-phenyleneethynylene)-alt-(2,5-siloleneethynylene)]s. Journal of the American Chemical Society, 2004, 126, 10350-10354.	13.7	55
18	Electrochemistry, Spectroscopy, and Electrogenerated Chemiluminescence of Silole-Based Chromophores. Journal of the American Chemical Society, 2006, 128, 10163-10170.	13.7	55

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19	First Total Synthesis and Structural Reassignment of (â˜)-Aplysiallene. Organic Letters, 2007, 9, 3703-3706.	4.6	54
20	Intramolecular Cyclopropanation of Glycals:â€‰ Studies toward the Synthesis of Canadensolide, Sporothriolide, and Xylobovide. Organic Letters, 2001, 3, 2563-2566.	4.6	52
21	Improving Quantum Efficiencies of Siloles and Silole-Derived Butadiene Chromophores through Structural Tuning. Angewandte Chemie - International Edition, 2004, 43, 6336-6338.	13.8	52
22	The [4+2] cycloaddition of donorâ€“acceptor cyclobutanes and nitrosoarenes. Chemical Communications, 2014, 50, 1668.	4.1	51
23	Total Synthesis of (Â±)â€Quebrachamine via [3+2] Cycloaddition and Efficient Chloroacetamide Photocyclization. European Journal of Organic Chemistry, 2009, 2009, 1072-1077.	2.4	50
24	Rhodium-Catalyzed Regioselective Olefin Hydrophosphorylation. Organic Letters, 2001, 3, 4303-4306.	4.6	49
25	Acetal formation by solvolysis of glucal-derived donorâ€“acceptor cyclopropanes. Tetrahedron, 2003, 59, 2765-2771.	1.9	45
26	Gram Scale Synthesis of the C(18)â˜C(34) Fragment of Amphidinolide C. Organic Letters, 2011, 13, 572-575.	4.6	35
27	Advances in Lewis Acid Controlled Carbonâ˜Carbon Bond-Forming Reactions Enable a Concise and Convergent Total Synthesis of Bullatacin. Organic Letters, 2006, 8, 4379-4382.	4.6	27
28	Synthesis and reactivity of alkoxy-activated cyclobutane-1,1-dicarboxylates. Organic Chemistry Frontiers, 2016, 3, 1205-1212.	4.5	27
29	Gram scale synthesis of the C(1)â€“C(9) fragment of amphidinolide C. Tetrahedron, 2013, 69, 8632-8644.	1.9	25
30	Benzosiloles with Crystallizationâ€Induced Emission Enhancement of Electrochemiluminescence: Synthesis, Electrochemistry, and Crystallography. Chemistry - A European Journal, 2020, 26, 11715-11721.	3.3	24
31	New electropolymerized poly(thienyl-silole)s for all-polymer solar cells: Incorporation of silole results in remarkable enhancement of photoefficiency compared to polybithiophene. Electrochemistry Communications, 2008, 10, 229-232.	4.7	22
32	BF₂OBnÂ·OEt₂: A Lewis Acid, Its Use in a Regioâ€and Stereoselective Opening of Trisubstituted Epoxides, and Its Application towards Amphidinolide C and F. European Journal of Organic Chemistry, 2013, 2013, 756-760.	2.4	21
33	Synthesis of Tetrahydroâ€1,2â€oxazines and Pyrrolidines via Cycloadditions of Donorâ€“Acceptor Cyclobutanes and Nitrosoarenes. European Journal of Organic Chemistry, 2015, 2015, 4900-4906.	2.4	21
34	Allylation of Donorâ˜Acceptor Cyclopropanes. Organic Letters, 2003, 5, 4639-4640.	4.6	20
35	Synthesis of Functionalized Tetrahydropyridines by SnCl₄â€Mediated [4+2] Cycloaddition between Donorâ€“Acceptorâ€‰Cyclobutanes and Nitriles. Chemistry - A European Journal, 2019, 25, 15244-15247.	3.3	19
36	A General Asymmetric Aldol Reaction of Silyl Ketene Acetals Derived from Simple Esters to Aryl Î±â€Keto Esters. European Journal of Organic Chemistry, 2009, 2009, 6109-6111.	2.4	18

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37	Electrochemical and Photovoltaic Properties of Electropolymerized Poly(thienylsilole)s. Journal of Physical Chemistry B, 2009, 113, 15715-15723.	2.6	16
38	Synthesis and first X-ray structures of cobalt(II) and cobalt(III) complexes bearing 2,4-dioxo-alkanoic acid dialkylamide ligands. Canadian Journal of Chemistry, 2009, 87, 328-334.	1.1	13
39	Dielsâ^'Alder Chemistry of Siloles and Their Transformation into Cyclohex-2-ene-1,4-cis-diols. Organic Letters, 2010, 12, 3658-3661.	4.6	13
40	Oxidative cyclization of tertiary pentenol derivatives forming 2,5,5-trisubstituted THF rings and the total synthesis of cyclocapitelline. Tetrahedron Letters, 2015, 56, 6052-6055.	1.4	13
41	Synthesis of Hexahydropyridazines by [4 + 2] Cycloaddition of Donorâ€“Acceptor Cyclobutanes and cis-Diazenes. Organic Letters, 2020, 22, 3140-3144.	4.6	13
42	Gram-Scale Synthesis of the Co(nmp)2 Catalyst to Prepare trans-2,5-Disubstituted Tetrahydrofurans by the Aerobic Oxidative Cyclization of Pent-4-en-1-ols. Synthesis, 2020, 52, 847-852.	2.3	7
43	Synthesis of (+)-bovidic acid. Canadian Journal of Chemistry, 2015, 93, 196-198.	1.1	6
44	BF3Ã—OEt2-Catalyzed Reaction of Donor-Acceptor Cyclobutanes with [nl]Terminal Alkynes: Single-Step Access to 2,3-Dihydrooxepines. Synlett, 2011, 2011, 2799-2802.	1.8	4