

Brian L Pagenkopf

List of Publications by Year in descending order

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44
papers

2,791
citations

201674

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233421

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docs citations

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times ranked

1831
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#	ARTICLE	IF	CITATIONS
1	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. <i>Synthesis</i> , 2020, 52, 847-852.	2.3	7
2	Benzosiloles with Crystallization-Induced Emission Enhancement of Electrochemiluminescence: Synthesis, Electrochemistry, and Crystallography. <i>Chemistry - A European Journal</i> , 2020, 26, 11715-11721.	3.3	24
3	Synthesis of Hexahydropyridazines by [4 + 2] Cycloaddition of Donor-Acceptor Cyclobutanes and <i>cis</i> -Diazenes. <i>Organic Letters</i> , 2020, 22, 3140-3144.	4.6	13
4	Synthesis of Functionalized Tetrahydropyridines by SnCl ₄ -Mediated [4+2] Cycloaddition between Donor-Acceptor Cyclobutanes and Nitriles. <i>Chemistry - A European Journal</i> , 2019, 25, 15244-15247.	3.3	19
5	Cycloadditions of Donor-Acceptor Cyclopropanes and Nitriles. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2561-2567.	2.4	111
6	Synthesis and reactivity of alkoxy-activated cyclobutane-1,1-dicarboxylates. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1205-1212.	4.5	27
7	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
8	Synthesis of Tetrahydro-1,2-oxazines and Pyrrolidines via Cycloadditions of Donor-Acceptor Cyclobutanes and Nitrosoarenes. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 4900-4906.	2.4	21
9	Oxidative cyclization of tertiary pentenol derivatives forming 2,5,5-trisubstituted THF rings and the total synthesis of cyclocapitelline. <i>Tetrahedron Letters</i> , 2015, 56, 6052-6055.	1.4	13
10	Synthesis of (+)-bovidic acid. <i>Canadian Journal of Chemistry</i> , 2015, 93, 196-198.	1.1	6
11	The [4+2] cycloaddition of donor-acceptor cyclobutanes and nitrosoarenes. <i>Chemical Communications</i> , 2014, 50, 1668.	4.1	51
12	Gram scale synthesis of the C(1)-C(9) fragment of amphidinolide C. <i>Tetrahedron</i> , 2013, 69, 8632-8644.	1.9	25
13	BF ₃ ·OEt ₂ : A Lewis Acid, Its Use in a Regio- and Stereoselective Opening of Trisubstituted Epoxides, and Its Application towards Amphidinolide C and F. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 756-760.	2.4	21
14	Gram Scale Synthesis of the C(18)-C(34) Fragment of Amphidinolide C. <i>Organic Letters</i> , 2011, 13, 572-575.	4.6	35
15	The Formal [4+3] Cycloaddition between Donor-Acceptor Cyclobutanes and Nitrones. <i>Organic Letters</i> , 2011, 13, 1528-1531.	4.6	92
16	BF ₃ ·OEt ₂ -Catalyzed Reaction of Donor-Acceptor Cyclobutanes with [n]Terminal Alkynes: Single-Step Access to 2,3-Dihydrooxepines. <i>Synlett</i> , 2011, 2011, 2799-2802.	1.8	4
17	Formal [4 + 2] Cycloaddition of Alkoxy-Substituted Donor-Acceptor Cyclobutanes and Aldehydes Catalyzed by Yb(OTf) ₃ . <i>Organic Letters</i> , 2010, 12, 4736-4738.	4.6	70
18	Diels-Alder Chemistry of Siloles and Their Transformation into Cyclohex-2-ene-1,4-cis-diols. <i>Organic Letters</i> , 2010, 12, 3658-3661.	4.6	13

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19	Ytterbium Triflate Catalyzed Synthesis of Alkoxy-Substituted Donor-acceptor Cyclobutanes and Their Formal [4 + 2] Cycloaddition with Imines: Stereoselective Synthesis of Piperidines. <i>Organic Letters</i> , 2010, 12, 4732-4735.	4.6	88
20	Synthesis of 5-Azaindoles via a Cycloaddition Reaction between Nitriles and Donor-acceptor Cyclopropanes. <i>Organic Letters</i> , 2010, 12, 3168-3171.	4.6	69
21	Total Synthesis of (±)-Quebrachamine via [3+2] Cycloaddition and Efficient Chloroacetamide Photocyclization. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 1072-1077.	2.4	50
22	A General Asymmetric Aldol Reaction of Silyl Ketene Acetals Derived from Simple Esters to Aryl α -keto Esters. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 6109-6111.	2.4	18
23	Electrochemical and Photovoltaic Properties of Electropolymerized Poly(thienylsilole)s. <i>Journal of Physical Chemistry B</i> , 2009, 113, 15715-15723.	2.6	16
24	Synthesis and first X-ray structures of cobalt(II) and cobalt(III) complexes bearing 2,4-dioxo-alkanoic acid dialkylamide ligands. <i>Canadian Journal of Chemistry</i> , 2009, 87, 328-334.	1.1	13
25	Increased Yields and Simplified Purification with a Second-Generation Cobalt Catalyst for the Oxidative Formation of <i>trans</i> -THF Rings. <i>Organic Letters</i> , 2009, 11, 5614-5617.	4.6	62
26	Tuning of Electrogenerated Silole Chemiluminescence. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7731-7735.	13.8	76
27	New electropolymerized poly(thienyl-silole)s for all-polymer solar cells: Incorporation of silole results in remarkable enhancement of photoefficiency compared to polybithiophene. <i>Electrochemistry Communications</i> , 2008, 10, 229-232.	4.7	22
28	Total Synthesis of (±)-Goniomitine via a Formal Nitrile/Donor-acceptor Cyclopropane [3 + 2] Cyclization. <i>Organic Letters</i> , 2008, 10, 157-159.	4.6	109
29	C-2/C-3 Annulation and C-2 Alkylation of Indoles with 2-Alkoxy cyclopropanoate Esters. <i>Journal of the American Chemical Society</i> , 2007, 129, 9631-9634.	13.7	154
30	First Total Synthesis and Structural Reassignment of (±)-Aplysiallene. <i>Organic Letters</i> , 2007, 9, 3703-3706.	4.6	54
31	Electrochemistry, Spectroscopy, and Electrogenerated Chemiluminescence of Silole-Based Chromophores. <i>Journal of the American Chemical Society</i> , 2006, 128, 10163-10170.	13.7	55
32	Advances in Lewis Acid Controlled Carbon-Carbon Bond-Forming Reactions Enable a Concise and Convergent Total Synthesis of Bullatacin. <i>Organic Letters</i> , 2006, 8, 4379-4382.	4.6	27
33	Recent advances in donor-acceptor (DA) cyclopropanes. <i>Tetrahedron</i> , 2005, 61, 321-347.	1.9	645
34	Improving Quantum Efficiencies of Siloles and Silole-Derived Butadiene Chromophores through Structural Tuning. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 6336-6338.	13.8	52
35	A Controlled, Iterative Synthesis and the Electronic Properties of Oligo[(p-phenyleneethynylene)-alt-(2,5-siloleneethynylene)]s. <i>Journal of the American Chemical Society</i> , 2004, 126, 10350-10354.	13.7	55
36	A New Class of Substituted Aryl Bis(oxazoline) Ligands for Highly Enantioselective Copper-Catalyzed Asymmetric Aldol Addition of Dienolsilane to Pyruvate and Glyoxylate Esters. <i>Organic Letters</i> , 2004, 6, 4097-4099.	4.6	57

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37	Synthesis of 2,2'-Bipyrroles and 2,2'-Thienylpyrroles from Donor-Acceptor Cyclopropanes and 2-Cyanoheteroles. <i>Organic Letters</i> , 2004, 6, 1057-1059.	4.6	73
38	Synthesis and Electronic Properties of Donor-Acceptor π -Conjugated Siloles. <i>Journal of the American Chemical Society</i> , 2004, 126, 3724-3725.	13.7	85
39	Formal [3 + 2] Cycloadditions of Donor-Acceptor Cyclopropanes and Nitriles. <i>Journal of the American Chemical Society</i> , 2003, 125, 8122-8123.	13.7	97
40	Acetal formation by solvolysis of glucal-derived donor-acceptor cyclopropanes. <i>Tetrahedron</i> , 2003, 59, 2765-2771.	1.9	45
41	A Powerful New Strategy for Diversity-Oriented Synthesis of Pyrroles from Donor-Acceptor Cyclopropanes and Nitriles. <i>Organic Letters</i> , 2003, 5, 5099-5101.	4.6	112
42	Allylation of Donor-Acceptor Cyclopropanes. <i>Organic Letters</i> , 2003, 5, 4639-4640.	4.6	20
43	Intramolecular Cyclopropanation of Glycals: Studies toward the Synthesis of Canadensolide, Sporothriolide, and Xylobovide. <i>Organic Letters</i> , 2001, 3, 2563-2566.	4.6	52
44	Rhodium-Catalyzed Regioselective Olefin Hydrophosphorylation. <i>Organic Letters</i> , 2001, 3, 4303-4306.	4.6	49