Aaron B Beeler

List of Publications by Year
in descending order

48 papers	1,717 citations	293460 24 h-index	312153 41 g-index
52 all docs	52 docs citations	52 times ranked	2590 citing authors

#	Article	IF	Citations
1	Unified Synthesis of Azepines by Visible-Light-Mediated Dearomative Ring Expansion of Aromatic N-Ylides. Organic Letters, 2021, 23, 525-529.	2.4	14
2	Recapitulating the Binding Affinity of Nrf2 for KEAP1 in a Cyclic Heptapeptide, Guided by NMR, X-ray Crystallography, and Machine Learning. Journal of the American Chemical Society, 2021, 143, 3779-3793.	6.6	15
3	Channeling macrophage polarization by rocaglates increases macrophage resistance to Mycobacterium tuberculosis. IScience, 2021, 24, 102845.	1.9	14
4	Dysfunctional HDAC8 Impacts Genomic Integrity and Is a Novel Therapeutic Target in Multiple Myeloma. Blood, 2021, 138, 1610-1610.	0.6	0
5	Photoredox Generated Carbonyl Ylides Enable a Modular Approach to Aryltetralin, Dihydronaphthalene, and Arylnaphthalene Lignans. Organic Letters, 2020, 22, 6489-6493.	2.4	8
6	Reversible PCET and Ambient Catalytic Oxidative Alcohol Dehydrogenation by {V=O} Perfluoropinacolate Complexes. Inorganic Chemistry, 2020, 59, 16500-16513.	1.9	6
7	A sterically encumbered photoredox catalyst enables the unified synthesis of the classical lignan family of natural products. Chemical Science, 2019, 10, 7746-7754.	3.7	20
8	HDAC8 Maintain Cytoskeleton Integrity Via Homologous Recombination and Represent a Novel Therapeutic Target in Multiple Myeloma. Blood, 2019, 134, 4385-4385.	0.6	1
9	Liquidâ€“Liquid Slugâ€Flowâ€Accelerated [2+2] Photocycloaddition of Cinnamates. ChemPhotoChem, 2018, 2, 829-829.	1.5	0
10	One-pot synthesis of epoxides from benzyl alcohols and aldehydes. Beilstein Journal of Organic Chemistry, 2018, 14, 2308-2312.	1.3	6
11	Synthesis of Complex Stereoheptads en Route to Daphnane Diterpene Orthoesters. Organic Letters, 2018, 20, 5177-5180.	2.4	16
12	Liquidâ€Liquid Slugâ€Flowâ€Accelerated [2+2] Photocycloaddition of Cinnamates. ChemPhotoChem, 2018, 2, 865-869.	1.5	19
13	Redesign of a Pyrylium Photoredox Catalyst and Its Application to the Generation of Carbonyl Ylides. Organic Letters, 2017, 19, 2989-2992.	2.4	66
14	A photochemical flow reactor for large scale syntheses of aglain and rocaglate natural product analogues. Bioorganic and Medicinal Chemistry, 2017, 25, 6197-6202.	1.4	27
15	Regioselective and Enantioselective Intermolecular Buchner Ring Expansions in Flow. Organic Letters, 2017, 19, 5268-5271.	2.4	39
16	Integrated drug discovery in continuous flow. Journal of Flow Chemistry, 2017, 7, 124-128.	1.2	13
17	Fine-tuning of macrophage activation using synthetic rocaglate derivatives. Scientific Reports, 2016, 6, 24409.	1.6	14
18	Development of a Potent and Selective HDAC8 Inhibitor. ACS Medicinal Chemistry Letters, 2016, 7, 929-932.	1.3	59

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19	Introduction: Photochemistry in Organic Synthesis. Chemical Reviews, 2016, 116, 9629-9630.	23.0	64
20	Identification of Anti-prion Compounds using a Novel Cellular Assay. Journal of Biological Chemistry, 2016, 291, 26164-26176.	1.6	23
21	[2+2] Photocycloaddition of Cinnamates in Flow and Development of a Thiourea Catalyst. Angewandte Chemie - International Edition, 2015, 54, 11521-11525.	7.2	66
22	Development of a photolabile amine protecting group suitable for multistep flow synthesis. Journal of Flow Chemistry, 2015, 5, 155-159.	1.2	10
23	Multidimensional Reaction Screening for Photochemical Transformations as a Tool for Discovering New Chemotypes. Journal of Organic Chemistry, 2014, 79, 3838-3846.	1.7	34
24	Truncated Aspidosperma Alkaloid-Like Scaffolds: Unique Structures for the Discovery of New, Bioactive Compounds. Heterocycles, 2012, 84, 135.	0.4	5
25	Synthesis and Reactivity of Bicyclo[3.2.1]octanoid-Derived Cyclopropanes. Journal of Organic Chemistry, 2011, 76, 9792-9800.	1.7	19
26	Remodelling of the natural product fumagillol employing a reaction discovery approach. Nature Chemistry, 2011, 3, 969-973.	6.6	83
27	Development of a Photochemical Microfluidics Platform. Journal of Flow Chemistry, 2011, 1, 53-55.	1.2	35
28	Discovery of new antimalarial chemotypes through chemical methodology and library development. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6775-6780.	3.3	42
29	Multidimensional Screening and Methodology Development for Condensations Involving Complex 1,2-Diketones. Synthesis, 2010, 2010, 2254-2270.	1.2	4
30	Tandem Processes Identified from Reaction Screening: Nucleophilic Addition to Aryl N-Phosphinylimines Employing La(III)-TFAA Activation. Journal of the American Chemical Society, 2010, 132, 6412-6418.	6.6	41
31	Catalytic Enantioselective Alkylative Dearomatizationâ˜'Annulation: Total Synthesis and Absolute Configuration Assignment of Hyperibone K. Journal of the American Chemical Society, 2010, 132, 13642-13644.	6.6	120
32	A Time-Resolved Fluorescenceâ€“Resonance Energy Transfer Assay for Identifying Inhibitors of Hepatitis C Virus Core Dimerization. Assay and Drug Development Technologies, 2010, 8, 96-105.	0.6	24
33	Development of an Automated Microfluidic Reaction Platform for Multidimensional Screening: Reaction Discovery Employing Bicyclo[3.2.1]octanoid Scaffolds. Journal of Organic Chemistry, 2009, 74, 6169-6180.	1.7	96
34	Reaction Discovery Employing Macrocycles: Transannular Cyclizations of Macrocyclic Bis-lactams. Organic Letters, 2009, 11, 413-416.	2.4	24
35	Library Synthesis Using 5,6,7,8-Tetrahydro-1,6-naphthyridines as Scaffolds. ACS Combinatorial Science, 2008, 10, 534-540.	3.3	24
36	Identification of Novel Epoxide Inhibitors of Hepatitis C Virus Replication Using a High-Throughput Screen. Antimicrobial Agents and Chemotherapy, 2007, 51, 3756-3759.	1.4	19

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37	Generation of Oxamic Acid Libraries:â€‰ Antimalarials and Inhibitors of Plasmodium falciparum Lactate Dehydrogenase. ACS Combinatorial Science, 2007, 9, 292-300.	3.3	54
38	Discovery of Chemical Reactions through Multidimensional Screening. Journal of the American Chemical Society, 2007, 129, 1413-1419.	6.6	184
39	1,2,3,4-Tetrahydro-1,5-naphthyridines and related heterocyclic scaffolds: exploration of suitable chemistry for library development. Tetrahedron, 2007, 63, 5649-5655.	1.0	11
40	Synthesis of 1,4,5-trisubstituted-1,2,3-triazoles by copper-catalyzed cycloaddition-coupling of azides and terminal alkynes. Tetrahedron, 2006, 62, 6405-6411.	1.0	145
41	Convergent Synthesis of Complex Diketopiperazines Derived from Pipecolic Acid Scaffolds and Parallel Screening against GPCR Targets. Journal of Organic Chemistry, 2006, 71, 8934-8945.	1.7	31
42	Chemical library synthesis using convergent approaches. Current Opinion in Chemical Biology, 2005, 9, 277-284.	2.8	24
43	Convergent Synthesis of a Complex Oxime Library Using Chemical Domain Shuffling. Organic Letters, 2005, 7, 2751-2754.	2.4	30
44	Synthesis of a Library of Complex Macrodiolides Employing Cyclodimerization of Hydroxy Esters. ACS Combinatorial Science, 2005, 7, 673-681.	3.3	42
45	Synthesis and in vitro biological evaluation of fluoro-substituted-4-phenyl-1,2,3,6-tetrahydropyridines as monoamine oxidase B substrates. Bioorganic and Medicinal Chemistry, 2003, 11, 5229-5234.	1.4	29
46	Stereochemical Diversity through Cyclodimerization:â€‰ Synthesis of Polyketide-like Macrodiolides. Organic Letters, 2003, 5, 2149-2152.	2.4	58
47	Synthesis of fipronil sulfide, an active metabolite, from the parent insecticide fipronil. Tetrahedron Letters, 2001, 42, 5371-5372.	0.7	20
48	Multigram Scale Synthesis of Piperarborenines C-E. Organic Process Research and Development, 0, , .	1.3	2