

Aaron B Beeler

List of Publications by Year in descending order

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48
papers

1,717
citations

257357

24
h-index

276775

41
g-index

52
all docs

52
docs citations

52
times ranked

2351
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of Chemical Reactions through Multidimensional Screening. <i>Journal of the American Chemical Society</i> , 2007, 129, 1413-1419.	6.6	184
2	Synthesis of 1,4,5-trisubstituted-1,2,3-triazoles by copper-catalyzed cycloaddition-coupling of azides and terminal alkynes. <i>Tetrahedron</i> , 2006, 62, 6405-6411.	1.0	145
3	Catalytic Enantioselective Alkylative Dearomatization [~] Annulation: Total Synthesis and Absolute Configuration Assignment of Hyperibone K. <i>Journal of the American Chemical Society</i> , 2010, 132, 13642-13644.	6.6	120
4	Development of an Automated Microfluidic Reaction Platform for Multidimensional Screening: Reaction Discovery Employing Bicyclo[3.2.1]octanoid Scaffolds. <i>Journal of Organic Chemistry</i> , 2009, 74, 6169-6180.	1.7	96
5	Remodelling of the natural product fumagillol employing a reaction discovery approach. <i>Nature Chemistry</i> , 2011, 3, 969-973.	6.6	83
6	[2+2] Photocycloaddition of Cinnamates in Flow and Development of a Thiourea Catalyst. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11521-11525.	7.2	66
7	Redesign of a Pyrylium Photoredox Catalyst and Its Application to the Generation of Carbonyl Ylides. <i>Organic Letters</i> , 2017, 19, 2989-2992.	2.4	66
8	Introduction: Photochemistry in Organic Synthesis. <i>Chemical Reviews</i> , 2016, 116, 9629-9630.	23.0	64
9	Development of a Potent and Selective HDAC8 Inhibitor. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 929-932.	1.3	59
10	Stereochemical Diversity through Cyclodimerization: Synthesis of Polyketide-like Macrodilides. <i>Organic Letters</i> , 2003, 5, 2149-2152.	2.4	58
11	Generation of Oxamic Acid Libraries: Antimalarials and Inhibitors of Plasmodium falciparum Lactate Dehydrogenase. <i>ACS Combinatorial Science</i> , 2007, 9, 292-300.	3.3	54
12	Synthesis of a Library of Complex Macrodilides Employing Cyclodimerization of Hydroxy Esters. <i>ACS Combinatorial Science</i> , 2005, 7, 673-681.	3.3	42
13	Discovery of new antimalarial chemotypes through chemical methodology and library development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6775-6780.	3.3	42
14	Tandem Processes Identified from Reaction Screening: Nucleophilic Addition to Aryl <i>N</i> -Phosphinylimines Employing La(III)-TFAA Activation. <i>Journal of the American Chemical Society</i> , 2010, 132, 6412-6418.	6.6	41
15	Regioselective and Enantioselective Intermolecular Buchner Ring Expansions in Flow. <i>Organic Letters</i> , 2017, 19, 5268-5271.	2.4	39
16	Development of a Photochemical Microfluidics Platform. <i>Journal of Flow Chemistry</i> , 2011, 1, 53-55.	1.2	35
17	Multidimensional Reaction Screening for Photochemical Transformations as a Tool for Discovering New Chemotypes. <i>Journal of Organic Chemistry</i> , 2014, 79, 3838-3846.	1.7	34
18	Convergent Synthesis of Complex Diketopiperazines Derived from Pipecolic Acid Scaffolds and Parallel Screening against GPCR Targets. <i>Journal of Organic Chemistry</i> , 2006, 71, 8934-8945.	1.7	31

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19	Convergent Synthesis of a Complex Oxime Library Using Chemical Domain Shuffling. <i>Organic Letters</i> , 2005, 7, 2751-2754.	2.4	30
20	Synthesis and in vitro biological evaluation of fluoro-substituted-4-phenyl-1,2,3,6-tetrahydropyridines as monoamine oxidase B substrates. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 5229-5234.	1.4	29
21	A photochemical flow reactor for large scale syntheses of aglain and rocaglate natural product analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 6197-6202.	1.4	27
22	Chemical library synthesis using convergent approaches. <i>Current Opinion in Chemical Biology</i> , 2005, 9, 277-284.	2.8	24
23	Library Synthesis Using 5,6,7,8-Tetrahydro-1,6-naphthyridines as Scaffolds. <i>ACS Combinatorial Science</i> , 2008, 10, 534-540.	3.3	24
24	Reaction Discovery Employing Macrocycles: Transannular Cyclizations of Macrocyclic Bis-lactams. <i>Organic Letters</i> , 2009, 11, 413-416.	2.4	24
25	A Time-Resolved Fluorescence Resonance Energy Transfer Assay for Identifying Inhibitors of Hepatitis C Virus Core Dimerization. <i>Assay and Drug Development Technologies</i> , 2010, 8, 96-105.	0.6	24
26	Identification of Anti-prion Compounds using a Novel Cellular Assay. <i>Journal of Biological Chemistry</i> , 2016, 291, 26164-26176.	1.6	23
27	Synthesis of fipronil sulfide, an active metabolite, from the parent insecticide fipronil. <i>Tetrahedron Letters</i> , 2001, 42, 5371-5372.	0.7	20
28	A sterically encumbered photoredox catalyst enables the unified synthesis of the classical lignan family of natural products. <i>Chemical Science</i> , 2019, 10, 7746-7754.	3.7	20
29	Identification of Novel Epoxide Inhibitors of Hepatitis C Virus Replication Using a High-Throughput Screen. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 3756-3759.	1.4	19
30	Synthesis and Reactivity of Bicyclo[3.2.1]octanoid-Derived Cyclopropanes. <i>Journal of Organic Chemistry</i> , 2011, 76, 9792-9800.	1.7	19
31	Liquid-Liquid Slug-Flow Accelerated [2+2] Photocycloaddition of Cinnamates. <i>ChemPhotoChem</i> , 2018, 2, 865-869.	1.5	19
32	Synthesis of Complex Stereoheptads en Route to Daphnane Diterpene Orthoesters. <i>Organic Letters</i> , 2018, 20, 5177-5180.	2.4	16
33	Recapitulating the Binding Affinity of Nrf2 for KEAP1 in a Cyclic Heptapeptide, Guided by NMR, X-ray Crystallography, and Machine Learning. <i>Journal of the American Chemical Society</i> , 2021, 143, 3779-3793.	6.6	15
34	Fine-tuning of macrophage activation using synthetic rocaglate derivatives. <i>Scientific Reports</i> , 2016, 6, 24409.	1.6	14
35	Unified Synthesis of Azepines by Visible-Light-Mediated Dearomatic Ring Expansion of Aromatic <i>N</i> -Ylides. <i>Organic Letters</i> , 2021, 23, 525-529.	2.4	14
36	Channeling macrophage polarization by rocaglates increases macrophage resistance to <i>Mycobacterium tuberculosis</i> . <i>IScience</i> , 2021, 24, 102845.	1.9	14

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37	Integrated drug discovery in continuous flow. <i>Journal of Flow Chemistry</i> , 2017, 7, 124-128.	1.2	13
38	1,2,3,4-Tetrahydro-1,5-naphthyridines and related heterocyclic scaffolds: exploration of suitable chemistry for library development. <i>Tetrahedron</i> , 2007, 63, 5649-5655.	1.0	11
39	Development of a photolabile amine protecting group suitable for multistep flow synthesis. <i>Journal of Flow Chemistry</i> , 2015, 5, 155-159.	1.2	10
40	Photoredox Generated Carbonyl Ylides Enable a Modular Approach to Aryltetralin, Dihydronaphthalene, and Arylnaphthalene Lignans. <i>Organic Letters</i> , 2020, 22, 6489-6493.	2.4	8
41	One-pot synthesis of epoxides from benzyl alcohols and aldehydes. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 2308-2312.	1.3	6
42	Reversible PCET and Ambient Catalytic Oxidative Alcohol Dehydrogenation by {V=O} Perfluoropinacolate Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 16500-16513.	1.9	6
43	Truncated Aspidosperma Alkaloid-Like Scaffolds: Unique Structures for the Discovery of New, Bioactive Compounds. <i>Heterocycles</i> , 2012, 84, 135.	0.4	5
44	Multidimensional Screening and Methodology Development for Condensations Involving Complex 1,2-Diketones. <i>Synthesis</i> , 2010, 2010, 2254-2270.	1.2	4
45	Multigram Scale Synthesis of Piperarborenes C-E. <i>Organic Process Research and Development</i> , 0, , .	1.3	2
46	HDAC8 Maintain Cytoskeleton Integrity Via Homologous Recombination and Represent a Novel Therapeutic Target in Multiple Myeloma. <i>Blood</i> , 2019, 134, 4385-4385.	0.6	1
47	Liquidâ€“Liquid Slugâ€“Flowâ€“Accelerated [2+2] Photocycloaddition of Cinnamates. <i>ChemPhotoChem</i> , 2018, 2, 829-829.	1.5	0
48	Dysfunctional HDAC8 Impacts Genomic Integrity and Is a Novel Therapeutic Target in Multiple Myeloma. <i>Blood</i> , 2021, 138, 1610-1610.	0.6	0