

# Zachary D Aron

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

1,251  
citations

393982

19  
h-index

610482

24  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1721  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel structural templates for estrogen-receptor ligands and prospects for combinatorial synthesis of estrogens. <i>Chemistry and Biology</i> , 1999, 6, 205-219.	6.2	209
2	Facile Detection of Acyl and Peptidyl Intermediates on Thiotemplate Carrier Domains via Phosphopantetheinyl Elimination Reactions during Tandem Mass Spectrometry. <i>Biochemistry</i> , 2006, 45, 12756-12766.	1.2	154
3	The tethered Biginelli condensation in natural product synthesis. <i>Chemical Communications</i> , 2004, , 253.	2.2	122
4	Triarylpyrazoles with basic side chains. <i>Bioorganic and Medicinal Chemistry</i> , 2001, 9, 151-161.	1.4	86
5	The Loading Module of Mycosubtilin: An Adenylation Domain with Fatty Acid Selectivity. <i>Journal of the American Chemical Society</i> , 2007, 129, 6366-6367.	6.6	70
6	Efficient, Single-Step Access to Imidazo[1,5- <i>a</i> ]pyridine <i>N</i> -Heterocyclic Carbene Precursors. <i>Organic Letters</i> , 2011, 13, 5256-5259.	2.4	66
7	Guanidine alkaloid analogs as inhibitors of HIV-1 Nef interactions with p53, actin, and p56lck. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 14079-14084.	3.3	62
8	Fluorescence Switching of Imidazo[1,5- <i>a</i> ]pyridinium Ions: pH-Sensors with Dual Emission Pathways. <i>Organic Letters</i> , 2012, 14, 3162-3165.	2.4	59
9	Characterization of a New Tailoring Domain in Polyketide Biogenesis: The Amine Transferase Domain of MycA in the Mycosubtilin Gene Cluster. <i>Journal of the American Chemical Society</i> , 2005, 127, 14986-14987.	6.6	56
10	Total Synthesis and Properties of the Crambescidin Core Zwitterionic Acid and Crambescidin 359. <i>Journal of the American Chemical Society</i> , 2005, 127, 3380-3390.	6.6	40
11	The hydrophobic trap—the Achilles heel of RND efflux pumps. <i>Research in Microbiology</i> , 2018, 169, 393-400.	1.0	40
12	Optimization of a novel series of pyranopyridine RND efflux pump inhibitors. <i>Current Opinion in Microbiology</i> , 2016, 33, 1-6.	2.3	35
13	Synthesis and anticancer activity of side chain analogs of the crambescidin alkaloids. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 3445-3449.	1.0	33
14	Simplifying Pyridoxal: Practical Methods for Amino Acid Dynamic Kinetic Resolution. <i>Organic Letters</i> , 2010, 12, 1916-1919.	2.4	30
15	Catalytic $\hat{\pm}$ -Allylation of Unprotected Amino Acid Esters. <i>Organic Letters</i> , 2012, 14, 2130-2133.	2.4	26
16	Diastereo- and Enantioselective Three-Component Coupling Approach to Highly Substituted Pyrrolidines. <i>Journal of Organic Chemistry</i> , 2013, 78, 9471-9476.	1.7	24
17	FenF: Servicing the Mycosubtilin Synthetase Assembly Line in trans. <i>ChemBioChem</i> , 2007, 8, 613-616.	1.3	22
18	A Diastereoselective Three-Component Coupling Approach to Highly Substituted Pyrrolidines. <i>Journal of Organic Chemistry</i> , 2010, 75, 8271-8274.	1.7	22

#	ARTICLE	IF	CITATIONS
19	Stereocontrolled Synthesis of Angularly Substituted 1-Azabicyclic Rings by Cationic 2-Aza-Cope Rearrangements. <i>Organic Letters</i> , 2005, 7, 913-916.	2.4	21
20	Synthesis and Application of Ratiometric and "Turn-On" Fluorescent pH Sensors: An Advanced Organic Undergraduate Laboratory. <i>Journal of Chemical Education</i> , 2014, 91, 1990-1994.	1.1	21
21	Enantioselective Synthesis of Angularly Substituted 1-Azabicyclic Rings: Coupled Dynamic Kinetic Epimerization and Chirality Transfer. <i>Journal of Organic Chemistry</i> , 2013, 78, 9929-9948.	1.7	19
22	Cascade Reactions during Coronafacic Acid Biosynthesis: Elongation, Cyclization, and Functionalization during Cfa7-Catalyzed Condensation. <i>Journal of the American Chemical Society</i> , 2009, 131, 2113-2115.	6.6	17
23	Adjunctive therapy for multidrug-resistant bacterial infections: Type III secretion system and efflux inhibitors. <i>Drug Discovery Today</i> , 2021, 26, 2173-2181.	3.2	14
24	A Structure-Function-Inhibition Analysis of the <i>Pseudomonas aeruginosa</i> Type III Secretion Needle Protein PscF. <i>Journal of Bacteriology</i> , 2020, 202, .	1.0	3
25	Stereocontrolled Synthesis of Angularly Substituted 1-Azabicyclic Rings by Cationic 2-Aza-Cope Rearrangements.. <i>ChemInform</i> , 2005, 36, no.	0.1	0