

# Daniel Yohannes

## List of Publications by Year in descending order

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28  
papers

1,274  
citations

361413

20  
h-index

501196

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g-index

33  
all docs

33  
docs citations

33  
times ranked

1281  
citing authors

#	ARTICLE	IF	CITATIONS
1	TC299423, a Novel Agonist for Nicotinic Acetylcholine Receptors. <i>Frontiers in Pharmacology</i> , 2017, 8, 641.	3.5	7
2	Nicotinic Acetylcholine Receptor Modulators. <i>Topics in Medicinal Chemistry</i> , 2014, , 213-253.	0.8	1
3	Discovery of (2 <i>S</i> ,3 <i>R</i> )- <i>N</i> -[2-(Pyridin-3-ylmethyl)-1-azabicyclo[2.2.2]oct-3-yl]benzo[ <i>b</i> ]furan-2-carboxamide (TC-5619), a Selective $\alpha 7$ Nicotinic Acetylcholine Receptor Agonist, for the Treatment of Cognitive Disorders. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 9793-9809.	6.4	47
4	Structure-Activity Studies of 7-Heteroaryl-3-azabicyclo[3.3.1]non-6-enes: A Novel Class of Highly Potent Nicotinic Receptor Ligands. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 9929-9945.	6.4	13
5	Discovery and Development of $\alpha 7$ Nicotinic Acetylcholine Receptor Modulators. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 7943-7961.	6.4	56
6	Structural differences determine the relative selectivity of nicotinic compounds for native $\alpha 4\beta 2^*$ , $\alpha 6\beta 2^*$ , $\alpha 3\beta 4^*$ - and $\alpha 7$ -nicotine acetylcholine receptors. <i>Neuropharmacology</i> , 2010, 58, 1054-1066.	4.1	97
7	Diversity-oriented synthesis of a cytosine-inspired pyridone library leading to the discovery of novel inhibitors of Bcl-2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 2500-2503.	2.2	48
8	Deconstructing cytosine: The syntheses of ( $\pm$ )-cyfusine and ( $\pm$ )-cyclopropylcyfusine, fused ring analogs of cytosine. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 2316-2319.	2.2	19
9	First Total Synthesis of ( $\pm$ )-3-Hydroxy-11-norcytosine: Structure Confirmation and Biological Characterization. <i>Organic Letters</i> , 2008, 10, 5353-5356.	4.6	11
10	Design and Synthesis of a Quinazolinone Natural Product-Templated Library with Cytotoxic Activity. <i>ACS Combinatorial Science</i> , 2006, 8, 7-10.	3.3	61
11	Novel and Expedient Microwave-Assisted Three-Component Reactions for the Synthesis of Spiroimidazolin-4-ones. <i>Journal of Organic Chemistry</i> , 2006, 71, 3137-3140.	3.2	33
12	Privileged structure-based quinazolinone natural product-templated libraries: Identification of novel tubulin polymerization inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 686-690.	2.2	54
13	Microwave-assisted one step high-throughput synthesis of benzimidazoles. <i>Tetrahedron Letters</i> , 2006, 47, 2883-2886.	1.4	96
14	Identification of a Small Molecule That Induces Mitotic Arrest Using a Simplified High-Content Screening Assay and Data Analysis Method. <i>Journal of Biomolecular Screening</i> , 2006, 11, 21-28.	2.6	33
15	Three-Component One-Pot Total Syntheses of Gyantrypine, Fumiquinazoline F, and Fiscalin B Promoted by Microwave Irradiation. <i>Journal of Organic Chemistry</i> , 2005, 70, 6339-6345.	3.2	86
16	Novel One-Pot Total Syntheses of Deoxyvasicinone, Mackinazolinone, Isaindigotone, and Their Derivatives Promoted by Microwave Irradiation. <i>Organic Letters</i> , 2005, 7, 3363-3366.	4.6	95
17	Microwave-Assisted Concise Total Syntheses of Quinazolinobenzodiazepine Alkaloids. <i>Journal of Organic Chemistry</i> , 2005, 70, 10488-10493.	3.2	64
18	Total Synthesis of ( $\pm$ )-Cytosine. <i>Organic Letters</i> , 2000, 2, 4201-4204.	4.6	87

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19	Degradation of rapamycin: Synthesis of a rapamycin derived fragment containing the tricarbonyl and triene sectors. <i>Tetrahedron Letters</i> , 1993, 34, 2075-2078.	1.4	22
20	K-13 and of4949: Evaluation of key partial structures and pharmacophore delineation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1993, 3, 245-250.	2.2	10
21	Degradation of rapamycin: Retrieval of major intact subunits.. <i>Tetrahedron Letters</i> , 1992, 33, 7469-7472.	1.4	22
22	Total synthesis of deoxybouvardin and RA-VII: macrocyclization via an intramolecular Ullmann reaction. <i>Journal of the American Chemical Society</i> , 1991, 113, 1427-1429.	13.7	71
23	Evaluation of bouvardin, deoxybouvardin, and RA-I - RA-VII partial structures: reassignment of the pharmacophore. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1991, 1, 313-316.	2.2	15
24	Total synthesis of L,L-isodityrosine and isodityrosine-derived agents: K-13, OF4949-III, and OF4949-IV. <i>Journal of Organic Chemistry</i> , 1990, 55, 6000-6017.	3.2	71
25	Total synthesis of OF4949-III and OF4949-IV: Unusual effects of remote substituents on the rate of macrocyclization reactions. <i>Tetrahedron Letters</i> , 1989, 30, 5061-5064.	1.4	14
26	Synthesis of l,l-isodityrosine. <i>Tetrahedron Letters</i> , 1989, 30, 2053-2056.	1.4	37
27	Total synthesis of K-13. <i>Journal of Organic Chemistry</i> , 1989, 54, 2498-2502.	3.2	53
28	Studies on the total synthesis of bouvardin and deoxybouvardin: cyclic hexapeptide cyclization studies and preparation of key partial structures. <i>Journal of Organic Chemistry</i> , 1988, 53, 487-499.	3.2	51