

Daniel Yohannes

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,274
citations

361413

20
h-index

501196

28
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33
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docs citations

33
times ranked

1281
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Microwave-assisted one step high-throughput synthesis of benzimidazoles. <i>Tetrahedron Letters</i> , 2006, 47, 2883-2886.	1.4	96
3	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
4	Total Synthesis of (\pm)-Cytisine. <i>Organic Letters</i> , 2000, 2, 4201-4204.	4.6	87
5	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
6	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
7	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
8	Microwave-Assisted Concise Total Syntheses of Quinazolinobenzodiazepine Alkaloids. <i>Journal of Organic Chemistry</i> , 2005, 70, 10488-10493.	3.2	64
9	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
10	Discovery and Development of $\alpha 7$ Nicotinic Acetylcholine Receptor Modulators. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 7943-7961.	6.4	56
11	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
12	Total synthesis of K-13. <i>Journal of Organic Chemistry</i> , 1989, 54, 2498-2502.	3.2	53
13	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
14	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
15	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
16	Synthesis of L,L-isodityrosine. <i>Tetrahedron Letters</i> , 1989, 30, 2053-2056.	1.4	37
17	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
18	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

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19	Degradation of rapamycin: Retrieval of major intact subunits.. Tetrahedron Letters, 1992, 33, 7469-7472.	1.4	22
20	Degradation of rapamycin: Synthesis of a rapamycin derived fragment containing the tricarbonyl and triene sectors. Tetrahedron Letters, 1993, 34, 2075-2078.	1.4	22
21	Deconstructing cytosine: The syntheses of (±)-cyfusine and (±)-cyclopropylcyfusine, fused ring analogs of cytosine. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 2316-2319.	2.2	19
22	Evaluation of bouvardin, deoxybouvardin, and RA-I - RA-VII partial structures: reassignment of the pharmacophore. Bioorganic and Medicinal Chemistry Letters, 1991, 1, 313-316.	2.2	15
23	Total synthesis of OF4949-III and OF4949-IV: Unusual effects of remote substituents on the rate of macrocyclization reactions. Tetrahedron Letters, 1989, 30, 5061-5064.	1.4	14
24	Structure-Activity Studies of 7-Heteroaryl-3-azabicyclo[3.3.1]non-6-enes: A Novel Class of Highly Potent Nicotinic Receptor Ligands. Journal of Medicinal Chemistry, 2012, 55, 9929-9945.	6.4	13
25	First Total Synthesis of (±)-3-Hydroxy-11-norcytosine: Structure Confirmation and Biological Characterization. Organic Letters, 2008, 10, 5353-5356.	4.6	11
26	K-13 and of4949: Evaluation of key partial structures and pharmacophore delineation. Bioorganic and Medicinal Chemistry Letters, 1993, 3, 245-250.	2.2	10
27	TC299423, a Novel Agonist for Nicotinic Acetylcholine Receptors. Frontiers in Pharmacology, 2017, 8, 641.	3.5	7
28	Nicotinic Acetylcholine Receptor Modulators. Topics in Medicinal Chemistry, 2014, , 213-253.	0.8	1