

# Allen J Duplantier

## List of Publications by Citations

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35  
papers

1,037  
citations

19  
h-index

32  
g-index

37  
ext. papers

1,180  
ext. citations

5.8  
avg, IF

3.84  
L-index

#	Paper	IF	Citations
35	The Human Cathelicidin Antimicrobial Peptide LL-37 as a Potential Treatment for Polymicrobial Infected Wounds. <i>Frontiers in Immunology</i> , <b>2013</b> , 4, 143	8.4	125
34	Biarylcarboxylic acids and -amides: inhibition of phosphodiesterase type IV versus [3H]rolipram binding activity and their relationship to emetic behavior in the ferret. <i>Journal of Medicinal Chemistry</i> , <b>1996</b> , 39, 120-5	8.3	125
33	Discovery, SAR, and pharmacokinetics of a novel 3-hydroxyquinolin-2(1H)-one series of potent D-amino acid oxidase (DAAO) inhibitors. <i>Journal of Medicinal Chemistry</i> , <b>2009</b> , 52, 3576-85	8.3	91
32	Discovery of 4-(5-methyloxazolo[4,5-b]pyridin-2-yl)-1,4-diazabicyclo[3.2.2]nonane (CP-810,123), a novel alpha 7 nicotinic acetylcholine receptor agonist for the treatment of cognitive disorders in schizophrenia: synthesis, SAR development, and in vivo efficacy in cognition models. <i>Journal of Medicinal Chemistry</i> , <b>2010</b> , 53, 1222-37	8.3	62
31	Triple asymmetric synthesis for fragment assembly: Validity of approximate multiplicativity of the three diastereofacial selectivities. <i>Tetrahedron Letters</i> , <b>1989</b> , 30, 7357-7360	2	49
30	Optimization of the physicochemical and pharmacokinetic attributes in a 6-azauracil series of P2X7 receptor antagonists leading to the discovery of the clinical candidate CE-224,535. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2011</b> , 21, 3708-11	2.9	44
29	Discovering Drugs for the Treatment of Ebola Virus. <i>Current Treatment Options in Infectious Diseases</i> , <b>2017</b> , 9, 299-317	1	43
28	Synthesis and in vitro profile of a novel series of catechol benzimidazoles. The discovery of potent, selective phosphodiesterase type IV inhibitors with greatly attenuated affinity for the [3H]rolipram binding site. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1995</b> , 5, 1969-1972	2.9	43
27	Pulmonary eosinophilia in a murine model of allergic inflammation is attenuated by small molecule alpha4beta1 antagonists. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2002</b> , 301, 747-52	4.7	38
26	Mitigating the Impact of Antibacterial Drug Resistance through Host-Directed Therapies: Current Progress, Outlook, and Challenges. <i>MBio</i> , <b>2018</b> , 9,	7.8	37
25	Pimaricin. Stereochemistry and synthesis of its aglycon (pimarolide) methyl ester. <i>Journal of the American Chemical Society</i> , <b>1990</b> , 112, 7079-7081	16.4	35
24	SAR of a series of 5,6-dihydro-(9H)-pyrazolo[3,4-c]-1,2,4-triazolo[4,3-alpha]pyridines as potent inhibitors of human eosinophil phosphodiesterase. <i>Journal of Medicinal Chemistry</i> , <b>2007</b> , 50, 344-9	8.3	34
23	Modulation of NMDA receptor function by inhibition of D-amino acid oxidase in rodent brain. <i>Neuropharmacology</i> , <b>2011</b> , 61, 1001-15	5.5	31
22	3-Benzyl-1,3-oxazolidin-2-ones as mGluR2 positive allosteric modulators: Hit-to lead and lead optimization. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2009</b> , 19, 2524-9	2.9	29
21	7-Oxo-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridines as novel inhibitors of human eosinophil phosphodiesterase. <i>Journal of Medicinal Chemistry</i> , <b>1998</b> , 41, 2268-77	8.3	28
20	1-[(1-methyl-1H-imidazol-2-yl)methyl]-4-phenylpiperidines as mGluR2 positive allosteric modulators for the treatment of psychosis. <i>Journal of Medicinal Chemistry</i> , <b>2011</b> , 54, 1724-39	8.3	24
19	Recent successes in therapeutics for Ebola virus disease: no time for complacency. <i>Lancet Infectious Diseases</i> , <b>2020</b> , 20, e231-e237	25.5	24

18	Systematic N-methylation of oxytocin: Impact on pharmacology and intramolecular hydrogen bonding network. <i>Bioorganic and Medicinal Chemistry</i> , <b>2016</b> , 24, 3513-20	3.4	20
17	3-(Imidazolyl methyl)-3-aza-bicyclo[3.1.0]hexan-6-yl)methyl ethers: a novel series of mGluR2 positive allosteric modulators. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2008</b> , 18, 5493-6	2.9	19
16	Discovery, synthesis and SAR of azinyl- and azolylbenzamides antagonists of the P2X <sub>2</sub> receptor. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2011</b> , 21, 5475-9	2.9	17
15	Synthesis of [ <sup>18</sup> F]Favipiravir and Biodistribution in C3H/HeN Mice as Assessed by Positron Emission Tomography. <i>Scientific Reports</i> , <b>2019</b> , 9, 1785	4.9	14
14	Synthesis of ethyl thioformate and thioformamides. <i>Journal of Organic Chemistry</i> , <b>1989</b> , 54, 1212-1213	4.2	14
13	Discovery of a novel Kv7 channel opener as a treatment for epilepsy. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2015</b> , 25, 4941-4944	2.9	13
12	Isoxazolyl, oxazolyl, and thiazolylpropionic acid derivatives as potent alpha(4)beta(1) integrin antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2001</b> , 11, 2593-6	2.9	12
11	Robust biofilm assay for quantification and high throughput screening applications. <i>Journal of Microbiological Methods</i> , <b>2019</b> , 159, 179-185	2.8	10
10	Cholesterol-conjugated stapled peptides inhibit Ebola and Marburg viruses in vitro and in vivo. <i>Antiviral Research</i> , <b>2019</b> , 171, 104592	10.8	9
9	Second generation of diazachrysenes: Protection of Ebola virus infected mice and mechanism of action. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 162, 32-50	6.8	9
8	Biarylcarboxamide inhibitors of phosphodiesterase IV and tumor necrosis factor- $\alpha$ <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1997</b> , 7, 739-744	2.9	8
7	Enhancing the antibacterial activity of polymyxins using a nonantibiotic drug. <i>Infection and Drug Resistance</i> , <b>2019</b> , 12, 1393-1405	4.2	7
6	Searching for Therapeutics Against Botulinum Neurotoxins: A True Challenge for Drug Discovery. <i>Current Topics in Medicinal Chemistry</i> , <b>2016</b> , 16, 2330-49	3	6
5	New Steroidal 4-Aminoquinolines Antagonize Botulinum Neurotoxin Serotype A in Mouse Embryonic Stem Cell Derived Motor Neurons in Postintoxication Model. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 1595-1608	8.3	4
4	Glutamate and Neurodegenerative Disease. <i>Topics in Medicinal Chemistry</i> , <b>2010</b> , 91-147	0.4	4
3	Novel pharmacological approaches to the treatment of asthma: status and potential of therapeutic classes. <i>Drug Discovery Today</i> , <b>1996</b> , 1, 199-208	8.8	4
2	Chapter 8. Emerging Opportunities in the Treatment of Asthma and Allergy. <i>Annual Reports in Medicinal Chemistry</i> , <b>1994</b> , 29, 73-81	1.6	4
1	Combating biothreat pathogens: ongoing efforts for countermeasure development and unique challenges <b>2020</b> , 171-222		

