

Daniel Oehlrich

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Brain-Penetrant and Bioavailable Pyrazolopiperazine BACE1 Inhibitor Elicits Sustained Reduction of Amyloid $\hat{1}^2$ In Vivo. ACS Medicinal Chemistry Letters, 2022, 13, 76-83.	2.8	3
2	Reductive site-selective atypical $\langle i \rangle C \langle /i \rangle$, $\langle i \rangle Z \langle /i \rangle$ -type/N2-C2 cleavage allows C-terminal protein amidation. Science Advances, 2022, 8, eabl8675.	10.3	1
3	Scaffold Hopping to Imidazo[1,2-a]pyrazin-8-one Positive Allosteric Modulators of Metabotropic Glutamate 2 Receptor. ACS Omega, 2021, 6, 22997-23006.	3.5	1
4	Post-translational insertion of boron in proteins to probe and modulate function. Nature Chemical Biology, 2021, 17, 1245-1261.	8.0	15
5	Hydrogen Bonding Phase-Transfer Catalysis with Ionic Reactants: Enantioselective Synthesis of $\hat{1}^3$ -Fluoroamines. Journal of the American Chemical Society, 2020, 142, 14045-14051.	13.7	53
6	3,3-Difluoro-3,4,5,6-tetrahydropyridin-2-amines: Potent and permeable BACE-1 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 126999.	2.2	3
7	Evaluation of a Series of $\hat{1}^2$ -Secretase 1 Inhibitors Containing Novel Heteroaryl-Fused-Piperazine Amidine Warheads. ACS Medicinal Chemistry Letters, 2019, 10, 1159-1165.	2.8	20
8	Optimization of 1,4-Oxazine $\hat{1}^2$ -Secretase 1 (BACE1) Inhibitors Toward a Clinical Candidate. Journal of Medicinal Chemistry, 2018, 61, 5292-5303.	6.4	15
9	Bench-Stable Transfer Reagent Facilitates the Generation of Trifluoromethyl-sulfonimidamides. Journal of Organic Chemistry, 2018, 83, 9510-9516.	3.2	22
10	Acylguanidine Beta Secretase 1 Inhibitors: A Combined Experimental and Free Energy Perturbation Study. Journal of Chemical Theory and Computation, 2017, 13, 1439-1453.	5.3	67
11	The Synthesis of Trifluoromethyl-sulfonimidamides from Sulfinamides. Journal of Organic Chemistry, 2017, 82, 9898-9904.	3.2	32
12	Industrial medicinal chemistry insights: neuroscience hit generation at Janssen. Drug Discovery Today, 2017, 22, 1478-1488.	6.4	5
13	Discovery of 8-Trifluoromethyl-3-cyclopropylmethyl-7-[(4-(2,4-difluorophenyl)-1-piperazinyl)methyl]-1,2,4-triazolo[4,3- $\langle i \rangle a \langle /i \rangle$]pyridine (NJ-46356479), a Selective and Orally Bioavailable mGlu2 Receptor Positive Allosteric Modulator (PAM). Journal of Medicinal Chemistry, 2016, 59, 8495-8507.	6.4	35
14	1,4-Oxazine $\hat{1}^2$ -Secretase 1 (BACE1) Inhibitors: From Hit Generation to Orally Bioavailable Brain Penetrant Leads. Journal of Medicinal Chemistry, 2015, 58, 8216-8235.	6.4	67
15	Anilinothiazoles as potent gamma secretase modulators. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 5805-5813.	2.2	17
16	The evolution of amidine-based brain penetrant BACE1 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 2033-2045.	2.2	138
17	Discovery of 1-Butyl-3-chloro-4-(4-phenyl-1-piperidinyl)-(1- $\langle i \rangle H \langle /i \rangle$)-pyridone (NJ-40411813): A Novel Positive Allosteric Modulator of the Metabotropic Glutamate 2 Receptor. Journal of Medicinal Chemistry, 2014, 57, 6495-6512.	6.4	54
18	Design and synthesis of bicyclic heterocycles as potent $\hat{1}^3$ -secretase modulators. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 4794-4800.	2.2	18

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19	Imidazo[1,2- <i>a</i>]pyridines: Orally Active Positive Allosteric Modulators of the Metabotropic Glutamate 2 Receptor. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 2688-2701.	6.4	55
20	Design and Synthesis of a Novel Series of Bicyclic Heterocycles As Potent $\hat{\text{I}}^3$ -Secretase Modulators. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 9089-9106.	6.4	59
21	Discovery of 3-Cyclopropylmethyl-7-(4-phenylpiperidin-1-yl)-8-trifluoromethyl[1,2,4]triazolo[4,3- <i>a</i>]pyridine (JNJ-42153605): A Positive Allosteric Modulator of the Metabotropic Glutamate 2 Receptor. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 8770-8789.	6.4	71
22	$\hat{\text{I}}^3$ -Secretase Modulators as Potential Disease Modifying Anti-Alzheimerâ€™s Drugs. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 669-698.	6.4	149
23	Scaffold hopping from pyridones to imidazo[1,2- <i>a</i>]pyridines. New positive allosteric modulators of metabotropic glutamate 2 receptor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 175-179.	2.2	73