

Brian T O'neill

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ketoreductase/Transaminase, One-Pot, Multikilogram Biocatalytic Cascade Reaction. <i>Organic Process Research and Development</i> , 2021, 25, 941-946.	2.7	14
2	Quantitative Analysis of ¹⁸ F-PF-06684511, a Novel PET Radioligand for Selective β -Secretase 1 Imaging, in Nonhuman Primate Brain. <i>Journal of Nuclear Medicine</i> , 2019, 60, 992-997.	5.0	6
3	Design and Synthesis of Clinical Candidate PF-06751979: A Potent, Brain Penetrant, β -Site Amyloid Precursor Protein Cleaving Enzyme 1 (BACE1) Inhibitor Lacking Hypopigmentation. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 4476-4504.	6.4	35
4	Identification of a Novel Positron Emission Tomography (PET) Ligand for Imaging β -Site Amyloid Precursor Protein Cleaving Enzyme 1 (BACE-1) in Brain. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 3296-3308.	6.4	16
5	Spiropiperidine Sultam and Lactam Templates: Diastereoselective Overman Rearrangement and Metathesis followed by NH Arylation. <i>Journal of Organic Chemistry</i> , 2017, 82, 12246-12256.	3.2	10
6	Chemoproteomic profiling reveals that cathepsin D off-target activity drives ocular toxicity of β -secretase inhibitors. <i>Nature Communications</i> , 2016, 7, 13042.	12.8	66
7	Discovery of a Series of Efficient, Centrally Efficacious BACE1 Inhibitors through Structure-Based Drug Design. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 2678-2702.	6.4	42
8	Utilizing Structures of CYP2D6 and BACE1 Complexes To Reduce Risk of Drug-Drug Interactions with a Novel Series of Centrally Efficacious BACE1 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 3223-3252.	6.4	62
9	Stereoselective Synthesis of Spiropiperidines as BACE-1 Aspartyl Protease Inhibitors via Late Stage N-Arylation of a 1,8-Diazaspiro[4.5]dec-3-en-2-one Pharmacophore. <i>Journal of Organic Chemistry</i> , 2013, 78, 2661-2669.	3.2	16