Michael A Letavic

List of Publications by Year
in descending order

21	945	430874 18	713466 21
papers	citations	h-index	g-index

21	21	21	926
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Design, Synthesis, and Preclinical Evaluation of 3-Methyl-6-(5-thiophenyl)-1,3-dihydro-imidazo[4,5-b]pyridin-2-ones as Selective GluN2B Negative Allosteric Modulators for the Treatment of Mood Disorders. Journal of Medicinal Chemistry, 2020, 63, 9181-9196.	6.4	5
2	P2X7 receptor antagonists for the treatment of systemic inflammatory disorders. Progress in Medicinal Chemistry, 2020, 59, 63-99.	10.4	18
3	Preclinical Evaluation and Nonhuman Primate Receptor Occupancy Study of ¹⁸F-JNJ-64413739, a PET Radioligand for P2X7 Receptors. Journal of Nuclear Medicine, 2019, 60, 1154-1159.	5.0	36
4	1H-Pyrrolo[3,2-b]pyridine GluN2B-Selective Negative Allosteric Modulators. ACS Medicinal Chemistry Letters, 2019, 10, 261-266.	2.8	9
5	PET Imaging of the P2X7 Ion Channel with a Novel Tracer [18F]JNJ-64413739 in a Rat Model of Neuroinflammation. Molecular Imaging and Biology, 2019, 21, 871-878.	2.6	50
6	A Dipolar Cycloaddition Reaction To Access 6-Methyl-4,5,6,7-tetrahydro-1H-[1,2,3]triazolo[4,5-c]pyridines Enables the Discovery Synthesis and Preclinical Profiling of a P2X7 Antagonist Clinical Candidate. Journal of Medicinal Chemistry, 2018, 61, 207-223.	6.4	58
7	Neuropsychopharmacology of JNJ-55308942: evaluation of a clinical candidate targeting P2X7 ion channels in animal models of neuroinflammation and anhedonia. Neuropsychopharmacology, 2018, 43, 2586-2596.	5.4	52
8	4-Methyl-6,7-dihydro-4H-triazolo[4,5-c]pyridine-Based P2X7 Receptor Antagonists: Optimization of Pharmacokinetic Properties Leading to the Identification of a Clinical Candidate. Journal of Medicinal Chemistry, 2017, 60, 4559-4572.	6.4	51
9	Selective Inhibition of Orexin-2 Receptors Prevents Stress-Induced ACTH Release in Mice. Frontiers in Behavioral Neuroscience, 2017, 11, 83.	2.0	20
10	Identification of (R)-(2-Chloro-3-(trifluoromethyl)phenyl)(1-(5-fluoropyridin-2-yl)-4-methyl-6,7-dihydro-1H-imidazo[4,5-c]pyridin-5(4< (JNJ 54166060), a Small Molecule Antagonist of the P2X7 receptor. Journal of Medicinal Chemistry, 2016, 59, 8535-8548.	6.4	35
11	Transient P2X7 Receptor Antagonism Produces Lasting Reductions in Spontaneous Seizures and Gliosis in Experimental Temporal Lobe Epilepsy. Journal of Neuroscience, 2016, 36, 5920-5932.	3.6	127
12	Novel Phenyl-Substituted 5,6-Dihydro-[1,2,4]triazolo[4,3-a]pyrazine P2X7 Antagonists with Robust Target Engagement in Rat Brain. ACS Chemical Neuroscience, 2016, 7, 490-497.	3.5	23
13	Substituted 5,6-(Dihydropyrido[3,4-d]pyrimidin-7(8H)-yl)-methanones as P2X7 Antagonists. ACS Chemical Neuroscience, 2016, 7, 498-504.	3.5	17
14	Preclinical characterization of substituted 6,7-dihydro-[1,2,4]triazolo[4,3- a]pyrazin-8(5 H)-one P2X7 receptor antagonists. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 257-261.	2.2	20
15	Critical Evaluation of P2X7 Receptor Antagonists in Selected Seizure Models. PLoS ONE, 2016, 11, e0156468.	2.5	57
16	Novel methyl substituted 1-(5,6-dihydro-[1,2,4]triazolo[4,3-a]pyrazin-7(8H)-yl)methanones are P2X7 antagonists. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3157-3163.	2.2	30
17	Synthesis, SAR, and Pharmacological Characterization of Brain Penetrant P2X7 Receptor Antagonists. ACS Medicinal Chemistry Letters, 2015, 6, 671-676.	2.8	42
18	A novel radioligand for the ATP-gated ion channel P2X7: [3H] JNJ-54232334. European Journal of Pharmacology, 2015, 765, 551-559.	3.5	40

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19	Pharmacology of a Novel Central Nervous Systemâ€“Penetrant P2X7 Antagonist JNJ-42253432. Journal of Pharmacology and Experimental Therapeutics, 2014, 351, 628-641.	2.5	67
20	Pharmacological characterization of a novel centrally permeable <scp>P2X7</scp> receptor antagonist: <scp>JNJ</scp>â€47965567. British Journal of Pharmacology, 2013, 170, 624-640.	5.4	148
21	Synthesis and Pharmacological Characterization of Two Novel, Brain Penetrating P2X₇ Antagonists. ACS Medicinal Chemistry Letters, 2013, 4, 419-422.	2.8	40