

Clare A Stokes

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Selective Agonists and Antagonists of $\alpha 9$ Versus $\alpha 7$ Nicotinic Acetylcholine Receptors. ACS Chemical Neuroscience, 2022, 13, 624-637.	3.5	10
2	Comparison of the Anti-inflammatory Properties of Two Nicotinic Acetylcholine Receptor Ligands, Phosphocholine and pCF3-diEPP. Frontiers in Cellular Neuroscience, 2022, 16, 779081.	3.7	11
3	The Allosteric Activation of $\alpha 7$ nAChR by α -Conotoxin MrIC Is Modified by Mutations at the Vestibular Site. Toxins, 2021, 13, 555.	3.4	5
4	Stable desensitization of $\alpha 7$ nicotinic acetylcholine receptors by NS6740 requires interaction with S36 in the orthosteric agonist binding site. European Journal of Pharmacology, 2021, 905, 174179.	3.5	4
5	Sulfonium Ligands of the $\alpha 7$ nAChR. Molecules, 2021, 26, 5643.	3.8	2
6	Allosterically Potentiated $\alpha 7$ Nicotinic Acetylcholine Receptors: Reduced Calcium Permeability and Current-Independent Control of Intracellular Calcium. Molecular Pharmacology, 2020, 98, 695-709.	2.3	10
7	Nicotinic Acetylcholine Receptor Accessory Subunits Determine the Activity Profile of Epibatidine Derivatives. Molecular Pharmacology, 2020, 98, 328-342.	2.3	10
8	Design, synthesis, and electrophysiological evaluation of NS6740 derivatives: Exploration of the structure-activity relationship for $\alpha 7$ nicotinic acetylcholine receptor silent activation. European Journal of Medicinal Chemistry, 2020, 205, 112669.	5.5	12
9	Differing Activity Profiles of the Stereoisomers of 2,3,5,6TMP-TQS, a Putative Silent Allosteric Modulator of $\alpha 7$ nAChR. Molecular Pharmacology, 2020, 98, 292-302.	2.3	12
10	Heteromeric Neuronal Nicotinic Acetylcholine Receptors with Mutant $\alpha 2$ Subunits Acquire Sensitivity to $\alpha 7$ -Selective Positive Allosteric Modulators. Journal of Pharmacology and Experimental Therapeutics, 2019, 370, 252-268.	2.5	10
11	Synthesis, Pharmacological Characterization, and Structure-Activity Relationships of Noncanonical Selective Agonists for $\alpha 7$ nAChRs. Journal of Medicinal Chemistry, 2019, 62, 10376-10390.	6.4	12
12	Allosteric Agonism of $\alpha 7$ Nicotinic Acetylcholine Receptors: Receptor Modulation Outside the Orthosteric Site. Molecular Pharmacology, 2019, 95, 606-614.	2.3	24
13	Macroscopic and Microscopic Activation of $\alpha 7$ Nicotinic Acetylcholine Receptors by the Structurally Unrelated Allosteric Agonist-Positive Allosteric Modulators (ago-PAMs) B-973B and GAT107. Molecular Pharmacology, 2019, 95, 43-61.	2.3	21
14	Cracking the Betel Nut: Cholinergic Activity of Areca Alkaloids and Related Compounds. Nicotine and Tobacco Research, 2019, 21, 805-812.	2.6	25
15	Structure-Activity Relationships of Selective Pyrimidine Agonists on $\alpha 7$ nAChRs. FASEB Journal, 2019, 33, 667.9.	0.5	0
16	NS6740, an $\alpha 7$ nicotinic acetylcholine receptor silent agonist, disrupts hippocampal synaptic plasticity. Neuroscience Letters, 2018, 677, 6-13.	2.1	11
17	Persistent activation of $\alpha 7$ nicotinic ACh receptors associated with stable induction of different desensitized states. British Journal of Pharmacology, 2018, 175, 1838-1854.	5.4	31
18	Novel 5-(quinuclidin-3-ylmethyl)-1,2,4-oxadiazoles to investigate the activation of the $\alpha 7$ nicotinic acetylcholine receptor subtype: Synthesis and electrophysiological evaluation. European Journal of Medicinal Chemistry, 2018, 160, 207-228.	5.5	9

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19	The Antinociceptive and Anti-Inflammatory Properties of the $\alpha 7$ nAChR Weak Partial Agonist α -CF ₃ -N,N-diethyl-N- ϵ -phenylpiperazine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 367, 203-214.	2.5	17
20	Identification of $\alpha 7$ Nicotinic Acetylcholine Receptor Silent Agonists Based on the Spirocyclic Quinuclidine ² -isoxazoline Scaffold: Synthesis and Electrophysiological Evaluation. <i>ChemMedChem</i> , 2017, 12, 1335-1348.	3.2	15
21	Sulfonium as a Surrogate for Ammonium: A New $\alpha 7$ Nicotinic Acetylcholine Receptor Partial Agonist with Desensitizing Activity. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 7928-7934.	6.4	10
22	Critical Molecular Determinants of $\alpha 7$ Nicotinic Acetylcholine Receptor Allosteric Activation. <i>Journal of Biological Chemistry</i> , 2016, 291, 5049-5067.	3.4	43
23	Nicotinic Activity of Arecoline, the Psychoactive Element of "Betel Nuts", Suggests a Basis for Habitual Use and Anti-Inflammatory Activity. <i>PLoS ONE</i> , 2015, 10, e0140907.	2.5	96
24	Looking below the surface of nicotinic acetylcholine receptors. <i>Trends in Pharmacological Sciences</i> , 2015, 36, 514-523.	8.7	76
25	The Activity of GAT107, an Allosteric Activator and Positive Modulator of $\alpha 7$ Nicotinic Acetylcholine Receptors (nAChR), Is Regulated by Aromatic Amino Acids That Span the Subunit Interface. <i>Journal of Biological Chemistry</i> , 2014, 289, 4515-4531.	3.4	36
26	Cysteine accessibility analysis of the human $\alpha 7$ nicotinic acetylcholine receptor ligand-binding domain identifies L119 as a gatekeeper. <i>Neuropharmacology</i> , 2011, 60, 159-171.	4.1	26
27	Working with OpusXpress: Methods for high volume oocyte experiments. <i>Methods</i> , 2010, 51, 121-133.	3.8	64
28	The Structural Basis for GTS-21 Selectivity between Human and Rat Nicotinic $\alpha 7$ Receptors. <i>Molecular Pharmacology</i> , 2004, 66, 14-24.	2.3	54
29	Antagonist activities of mecamylamine and nicotine show reciprocal dependence on beta subunit sequence in the second transmembrane domain. <i>British Journal of Pharmacology</i> , 1999, 127, 1337-1348.	5.4	47