Brandon J Henderson

List of Publications by Year
in descending order

36 papers	884 citations	567281 15 h-index	501196 28 g-index
40 all docs	40 docs citations	40 times ranked	851 citing authors

#	Article	IF	Citations
1	Menthol Enhances Nicotine Reward-Related Behavior by Potentiating Nicotine-Induced Changes in nAChR Function, nAChR Upregulation, and DA Neuron Excitability. Neuropsychopharmacology, 2017, 42, 2285-2291.	5.4	84
2	Inside-out neuropharmacology of nicotinic drugs. Neuropharmacology, 2015, 96, 178-193.	4.1	78
3	Menthol Alone Upregulates Midbrain nAChRs, Alters nAChR Subtype Stoichiometry, Alters Dopamine Neuron Firing Frequency, and Prevents Nicotine Reward. Journal of Neuroscience, 2016, 36, 2957-2974.	3.6	64
4	Lynx1 Shifts Î±4Î²2 Nicotinic Receptor Subunit Stoichiometry by Affecting Assembly in the Endoplasmic Reticulum. Journal of Biological Chemistry, 2014, 289, 31423-31432.	3.4	61
5	Nicotine exploits a COPI-mediated process for chaperone-mediated up-regulation of its receptors. Journal of General Physiology, 2014, 143, 51-66.	1.9	61
6	Flavors Enhance Nicotine Vapor Self-administration in Male Mice. Nicotine and Tobacco Research, 2021, 23, 566-572.	2.6	54
7	Pharmacological chaperoning of nAChRs: A therapeutic target for Parkinson's disease. Pharmacological Research, 2014, 83, 20-29.	7.1	52
8	Smoking-Relevant Nicotine Concentration Attenuates the Unfolded Protein Response in Dopaminergic Neurons. Journal of Neuroscience, 2016, 36, 65-79.	3.6	44
9	Why flavored vape products may be attractive: Green apple tobacco flavor elicits reward-related behavior, upregulates nAChRs on VTA dopamine neurons, and alters midbrain dopamine and GABA neuron function. Neuropharmacology, 2019, 158, 107729.	4.1	39
10	Nicotinic Receptor Subtype-Selective Circuit Patterns in the Subthalamic Nucleus. Journal of Neuroscience, 2015, 35, 3734-3746.	3.6	35
11	Negative Allosteric Modulators That Target Human Î±4Î²2 Neuronal Nicotinic Receptors. Journal of Pharmacology and Experimental Therapeutics, 2010, 334, 761-774.	2.5	29
12	Nicotine formulations impact reinforcement-related behaviors in a mouse model of vapor self-administration. Drug and Alcohol Dependence, 2021, 224, 108732.	3.2	27
13	Structureâ€“Activity Relationship Studies of Sulfonylpiperazine Analogues as Novel Negative Allosteric Modulators of Human Neuronal Nicotinic Receptors. Journal of Medicinal Chemistry, 2011, 54, 8681-8692.	6.4	24
14	Effect of Novel Negative Allosteric Modulators of Neuronal Nicotinic Receptors on Cells Expressing Native and Recombinant Nicotinic Receptors: Implications for Drug Discovery. Journal of Pharmacology and Experimental Therapeutics, 2009, 328, 504-515.	2.5	19
15	Green Apple e-Cigarette Flavorant Farnesene Triggers Reward-Related Behavior by Promoting High-Sensitivity nAChRs in the Ventral Tegmental Area. ENeuro, 2020, 7, ENEURO.0172-20.2020.	1.9	19
16	Menthol Stereoisomers Exhibit Different Effects on Î±4Î²2 nAChR Upregulation and Dopamine Neuron Spontaneous Firing. ENeuro, 2018, 5, ENEURO.0465-18.2018.	1.9	18
17	Identification of a Negative Allosteric Site on Human Î±4Î²2 and Î±3Î²4 Neuronal Nicotinic Acetylcholine Receptors. PLoS ONE, 2011, 6, e24949.	2.5	17
18	The Impact of Electronic Nicotine Delivery System (ENDS) Flavors on Nicotinic Acetylcholine Receptors and Nicotine Addiction-Related Behaviors. Molecules, 2020, 25, 4223.	3.8	16

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19	Brain Region Specific Single-Molecule Fluorescence Imaging. Analytical Chemistry, 2019, 91, 10125-10131.	6.5	14
20	Upregulation of nAChRs and Changes in Excitability on VTA Dopamine and GABA Neurons Correlates to Changes in Nicotine-Reward-Related Behavior. ENeuro, 2020, 7, ENEURO.0189-20.2020.	1.9	14
21	Defining the Putative Inhibitory Site for a Selective Negative Allosteric Modulator of Human Î±4Î²2 Neuronal Nicotinic Receptors. ACS Chemical Neuroscience, 2012, 3, 682-692.	3.5	12
22	Mutation Linked to Autosomal Dominant Nocturnal Frontal Lobe Epilepsy Reduces Low-Sensitivity Î±4Î²2, and Increases Î±5Î±4Î²2, Nicotinic Receptor Surface Expression. PLoS ONE, 2016, 11, e0158032.	2.5	12
23	Astrocyte-Derived Thrombospondin Induces Cortical Synaptogenesis in a Sex-Specific Manner. ENeuro, 2021, 8, ENEURO.0014-21.2021.	1.9	11
24	Discovery of Novel Î±4Î²2 Neuronal Nicotinic Receptor Modulators through Structure-Based Virtual Screening. ACS Medicinal Chemistry Letters, 2011, 2, 855-860.	2.8	10
25	Systematic Review of Nicotine Exposureâ€™s Effects on Neural Stem and Progenitor Cells. Brain Sciences, 2021, 11, 172.	2.3	9
26	Morphine Exposure Reduces Nicotine-Induced Upregulation of Nicotinic Receptors and Decreases Volitional Nicotine Intake in a Mouse Model. Nicotine and Tobacco Research, 2022, 24, 1161-1168.	2.6	9
27	Discovery of benzamide analogs as negative allosteric modulators of human neuronal nicotinic receptors: Pharmacophore modeling and structureâ€“activity relationship studies. Bioorganic and Medicinal Chemistry, 2013, 21, 4730-4743.	3.0	8
28	TC299423, a Novel Agonist for Nicotinic Acetylcholine Receptors. Frontiers in Pharmacology, 2017, 8, 641.	3.5	7
29	3D-QSAR and 3D-QSSR models of negative allosteric modulators facilitate the design of a novel selective antagonist of human Î±4Î²2 neuronal nicotinic acetylcholine receptors. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 1797-1813.	2.2	6
30	Brain Region-Specific nAChR and Associated Protein Abundance Alterations Following Chronic Nicotine and/or Menthol Exposure. Journal of Proteome Research, 2020, 19, 36-48.	3.7	4
31	Role of adipocyte Na,K-ATPase oxidant amplification loop in cognitive decline and neurodegeneration. IScience, 2021, 24, 103262.	4.1	3
32	Chronic Menthol Does Not Change Stoichiometry or Functional Plasma Membrane Levels of Mouse Î±3Î²4-Containing Nicotinic Acetylcholine Receptors. Molecular Pharmacology, 2019, 95, 398-407.	2.3	2
33	Protein profiling in the habenula after chronic (â€“)â€menthol exposure in mice. Journal of Neurochemistry, 2021, 158, 1345-1358.	3.9	2
34	Utilizing pHluorin-tagged Receptors to Monitor Subcellular Localization and Trafficking. Journal of Visualized Experiments, 2017, , .	0.3	1
35	Linking Nicotine, Menthol, and Brain Changes. , 2019, , 87-95.		1
36	Novel Putative Positive Modulators of Î±4Î²2 nAChRs Potentiate Nicotine Reward-Related Behavior. Molecules, 2021, 26, 4793.	3.8	1