

Helena Janickova

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

516
citations

686830

13
h-index

839053

18
g-index

18
all docs

18
docs citations

18
times ranked

881
citing authors

#	ARTICLE	IF	CITATIONS
1	Cholinergic circuits in cognitive flexibility. <i>Neuroscience</i> , 2017, 345, 130-141.	1.1	102
2	NMR Structure and Action on Nicotinic Acetylcholine Receptors of Water-soluble Domain of Human LYNX1. <i>Journal of Biological Chemistry</i> , 2011, 286, 10618-10627.	1.6	87
3	Functional cholinergic damage develops with amyloid accumulation in young adult APP ^{swe} /PS1 ^{dE9} transgenic mice. <i>Neurobiology of Disease</i> , 2010, 38, 27-35.	2.1	38
4	Structural Insight into Specificity of Interactions between Nonconventional Three-finger Weak Toxin from <i>Naja kaouthia</i> (WTX) and Muscarinic Acetylcholine Receptors. <i>Journal of Biological Chemistry</i> , 2015, 290, 23616-23630.	1.6	37
5	Cholinergic/glutamatergic co-transmission in striatal cholinergic interneurons: new mechanisms regulating striatal computation. <i>Journal of Neurochemistry</i> , 2017, 142, 90-102.	2.1	35
6	Deletion of the vesicular acetylcholine transporter from pedunculo-pontine/laterodorsal tegmental neurons modifies gait. <i>Journal of Neurochemistry</i> , 2017, 140, 787-798.	2.1	34
7	Cholinergic dysfunction in the dorsal striatum promotes habit formation and maladaptive eating. <i>Journal of Clinical Investigation</i> , 2020, 130, 6616-6630.	3.9	29
8	Uncoupling of M1 muscarinic receptor/G-protein interaction by amyloid β 1-42. <i>Neuropharmacology</i> , 2013, 67, 272-283.	2.0	28
9	Vesicular acetylcholine transporter (VACHT) overexpression induces major modifications of striatal cholinergic interneuron morphology and function. <i>Journal of Neurochemistry</i> , 2017, 142, 857-875.	2.1	23
10	A specific multi-nutrient formulation enhances M1 muscarinic acetylcholine receptor responses <i>in vitro</i> . <i>Journal of Neurochemistry</i> , 2012, 120, 631-640.	2.1	19
11	Selective decrease of cholinergic signaling from pedunculo-pontine and laterodorsal tegmental nuclei has little impact on cognition but markedly increases susceptibility to stress. <i>FASEB Journal</i> , 2019, 33, 7018-7036.	0.2	18
12	Negative cooperativity in binding of muscarinic receptor agonists and GDP as a measure of agonist efficacy. <i>British Journal of Pharmacology</i> , 2011, 162, 1029-1044.	2.7	15
13	Lipid-Based Diets Improve Muscarinic Neurotransmission in the Hippocampus of Transgenic APP ^{swe} /PS1 ^{dE9} Mice. <i>Current Alzheimer Research</i> , 2015, 12, 923-931.	0.7	15
14	Subtype Differences in Pre-Coupling of Muscarinic Acetylcholine Receptors. <i>PLoS ONE</i> , 2011, 6, e27732.	1.1	12
15	Nicotinic Acetylcholine Receptors Expressed by Striatal Interneurons Inhibit Striatal Activity and Control Striatal-Dependent Behaviors. <i>Journal of Neuroscience</i> , 2022, 42, 2786-2803.	1.7	9
16	Cholinergic transmission from the basal forebrain modulates social memory in male mice. <i>European Journal of Neuroscience</i> , 2021, 54, 6075-6092.	1.2	8
17	Functional dissociation of behavioral effects from acetylcholine and glutamate released from cholinergic striatal interneurons. <i>FASEB Journal</i> , 2022, 36, e22135.	0.2	4
18	Evaluating Sequential Response Learning in the Rodent Operant Touchscreen System. <i>Current Protocols</i> , 2021, 1, e268.	1.3	3