Marina R Picciotto

List of Publications by Year
in descending order

274	22,133	9775	10724
papers	citations	73 h-index	138 g-index

358	358	358	18596
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Acetylcholine receptors containing the Î²2 subunit are involved in the reinforcing properties of nicotine. Nature, 1998, 391, 173-177.	13.7	1,239
2	Acetylcholine as a Neuromodulator: Cholinergic Signaling Shapes Nervous System Function and Behavior. Neuron, 2012, 76, 116-129.	3.8	944
3	Ghrelin modulates the activity and synaptic input organization of midbrain dopamine neurons while promoting appetite. Journal of Clinical Investigation, 2006, 116, 3229-3239.	3.9	836
4	Guidelines on nicotine dose selection for in vivo research. Psychopharmacology, 2007, 190, 269-319.	1.5	694
5	Abnormal avoidance learning in mice lacking functional high-affinity nicotine receptor in the brain. Nature, 1995, 374, 65-67.	13.7	612
6	Expression of the transcription factor Î”FosB in the brain controls sensitivity to cocaine. Nature, 1999, 401, 272-276.	13.7	591
7	It is not â€œeither/orâ€• Activation and desensitization of nicotinic acetylcholine receptors both contribute to behaviors related to nicotine addiction and mood. Progress in Neurobiology, 2008, 84, 329-342.	2.8	406
8	Effect of nicotine and nicotinic receptors on anxiety and depression. NeuroReport, 2002, 13, 1097-1106.	0.6	396
9	Identification of Four Classes of Brain Nicotinic Receptors Using Î²2 Mutant Mice. Journal of Neuroscience, 1998, 18, 4461-4472.	1.7	372
10	Nicotine Decreases Food Intake Through Activation of POMC Neurons. Science, 2011, 332, 1330-1332.	6.0	337
11	Localization of the cystic fibrosis transmembrane conductance regulator in human bile duct epithelial cells. Gastroenterology, 1993, 105, 1857-1864.	0.6	330
12	Nicotinic Receptors in the Brain Links between Molecular Biology and Behavior. Neuropsychopharmacology, 2000, 22, 451-465.	2.8	310
13	Cholinergic signaling in the hippocampus regulates social stress resilience and anxiety- and depression-like behavior. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3573-3578.	3.3	299
14	Brain nicotinic receptors: structure and regulation, role in learning and reinforcement1Published on the World Wide Web on 24 October 1997.1. Brain Research Reviews, 1998, 26, 198-216.	9.1	280
15	Varenicline Reduces Alcohol Self-Administration in Heavy-Drinking Smokers. Biological Psychiatry, 2009, 66, 185-190.	0.7	275
16	Nicotine Induces Glutamate Release from Thalamocortical Terminals in Prefrontal Cortex. Neuropsychopharmacology, 2003, 28, 216-225.	2.8	241
17	Neuronal Systems Underlying Behaviors Related to Nicotine Addiction: Neural Circuits and Molecular Genetics. Journal of Neuroscience, 2002, 22, 3338-3341.	1.7	240
18	Sex differences in stress-related alcohol use. Neurobiology of Stress, 2019, 10, 100149.	1.9	237

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19	Nicotine as a modulator of behavior: beyond the inverted U. Trends in Pharmacological Sciences, 2003, 24, 493-499.	4.0	234
20	Nicotine receptors and depression: revisiting and revising the cholinergic hypothesis. Trends in Pharmacological Sciences, 2010, 31, 580-586.	4.0	234
21	Human Tobacco Smokers in Early Abstinence Have Higher Levels of beta2* Nicotinic Acetylcholine Receptors than Nonsmokers. Journal of Neuroscience, 2006, 26, 8707-8714.	1.7	209
22	Decreased Synaptic Vesicle Recycling Efficiency and Cognitive Deficits in Amphiphysin 1 Knockout Mice. Neuron, 2002, 33, 789-804.	3.8	208
23	GABA interneurons are the cellular trigger for ketamineâ€™s rapid antidepressant actions. Journal of Clinical Investigation, 2020, 130, 1336-1349.	3.9	208
24	Neuronal nicotinic acetylcholine receptor subunit knockout mice: physiological and behavioral phenotypes and possible clinical implications. , 2001, 92, 89-108.		194
25	Increased neurodegeneration during ageing in mice lacking high-affinity nicotine receptors. EMBO Journal, 1999, 18, 1235-1244.	3.5	193
26	Nicotinic receptors in aging and dementia. Journal of Neurobiology, 2002, 53, 641-655.	3.7	193
27	The drive to eat: comparisons and distinctions between mechanisms of food reward and drug addiction. Nature Neuroscience, 2012, 15, 1330-1335.	7.1	193
28	Aplysia neurons express a gene encoding multiple FMRFamide neuropeptides. Cell, 1985, 41, 457-467.	13.5	187
29	Neuroprotection via nAChRs: the role of nAChRs in neurodegenerative disorders such as Alzheimer's and Parkinson's disease. Frontiers in Bioscience - Landmark, 2008, 13, 492.	3.0	187
30	GABAergic and glutamatergic efferents of the mouse ventral tegmental area. Journal of Comparative Neurology, 2014, 522, 3308-3334.	0.9	178
31	Transgenic Animals with Inducible, Targeted Gene Expression in Brain. Molecular Pharmacology, 1998, 54, 495-503.	1.0	175
32	In vivonicotine treatment regulates mesocorticolimbic CREB and ERK signaling in C57Bl/6J mice. Journal of Neurochemistry, 2003, 84, 1431-1441.	2.1	173
33	Using Knockout and Transgenic Mice to Study Neurophysiology and Behavior. Physiological Reviews, 1998, 78, 1131-1163.	13.1	168
34	5-Iodo-A-85380, an Î±4Î²2 Subtype-Selective Ligand for Nicotinic Acetylcholine Receptors. Molecular Pharmacology, 2000, 57, 642-649.	1.0	167
35	An Instructive Role for Patterned Spontaneous Retinal Activity in Mouse Visual Map Development. Neuron, 2011, 70, 1115-1127.	3.8	162
36	Nicotinic Î±7 receptors enhance NMDA cognitive circuits in dorsolateral prefrontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12078-12083.	3.3	153

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37	The Prototoxin lynx1 Acts on Nicotinic Acetylcholine Receptors to Balance Neuronal Activity and Survival In Vivo. Neuron, 2006, 51, 587-600.	3.8	151
38	Origin and Function of Stress-Induced IL-6 in Murine Models. Cell, 2020, 182, 372-387.e14.	13.5	148
39	Nicotinic agonists stimulate acetylcholine release from mouse interpeduncular nucleus: a function mediated by a different nAChR than dopamine release from striatum. Journal of Neurochemistry, 2008, 76, 258-268.	2.1	143
40	Molecular Mechanisms Underlying Behaviors Related to Nicotine Addiction. Cold Spring Harbor Perspectives in Medicine, 2013, 3, a012112-a012112.	2.9	141
41	The Dopamine/D1 Receptor Mediates the Phosphorylation and Inactivation of the Protein Tyrosine Phosphatase STEP via a PKA-Dependent Pathway. Journal of Neuroscience, 2000, 20, 5630-5638.	1.7	138
42	Antidepressant-Like Effects of Ceftriaxone in Male C57BL/6J Mice. Biological Psychiatry, 2007, 61, 250-252.	0.7	136
43	AgRP neurons regulate development of dopamine neuronal plasticity and nonfood-associated behaviors. Nature Neuroscience, 2012, 15, 1108-1110.	7.1	136
44	Neuromodulation by acetylcholine: examples from schizophrenia and depression. Current Opinion in Neurobiology, 2014, 29, 88-95.	2.0	135
45	Prenatal and Adolescent Exposure to Tobacco Smoke Modulates the Development of White Matter Microstructure. Journal of Neuroscience, 2007, 27, 13491-13498.	1.7	131
46	Genetics of nicotinic acetylcholine receptors: Relevance to nicotine addiction. Biochemical Pharmacology, 2008, 75, 323-333.	2.0	130
47	Cytisine, a partial agonist of high-affinity nicotinic acetylcholine receptors, has antidepressant-like properties in male C57BL/6J mice. Neuropharmacology, 2007, 52, 1256-1262.	2.0	128
48	GABA interneurons mediate the rapid antidepressant-like effects of scopolamine. Journal of Clinical Investigation, 2016, 126, 2482-2494.	3.9	124
49	Mood and anxiety regulation by nicotinic acetylcholine receptors: A potential pathway to modulate aggression and related behavioral states. Neuropharmacology, 2015, 96, 235-243.	2.0	122
50	The nicotinic antagonist mecamylamine has antidepressant-like effects in wild-type but not Î²2- or Î±7-nicotinic acetylcholine receptor subunit knockout mice. Psychopharmacology, 2006, 189, 395-401.	1.5	121
51	Regulation of Synaptic Efficacy in Hypocretin/Orexin-Containing Neurons by Melanin Concentrating Hormone in the Lateral Hypothalamus. Journal of Neuroscience, 2008, 28, 9101-9110.	1.7	120
52	FACS purification of immunolabeled cell types from adult rat brain. Journal of Neuroscience Methods, 2012, 203, 10-18.	1.3	119
53	High-affinity nicotinic acetylcholine receptors are required for antidepressant effects of amitriptyline on behavior and hippocampal cell proliferation. Biological Psychiatry, 2004, 56, 657-664.	0.7	114
54	Brain Localization and Behavioral Impact of the G-Protein-Gated K+Channel Subunit GIRK4. Journal of Neuroscience, 2000, 20, 5608-5615.	1.7	112

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55	Acute and long-term changes in the mesolimbic dopamine pathway after systemic or local single nicotine injections. European Journal of Neuroscience, 2002, 15, 1810-1818.	1.2	112
56	Neuroprotection by Nicotine in Mouse Primary Cortical Cultures Involves Activation of Calcineurin and L-Type Calcium Channel Inactivation. Journal of Neuroscience, 2003, 23, 10093-10099.	1.7	110
57	Nicotine Receptor Inactivation Decreases Sensitivity to Cocaine. Neuropsychopharmacology, 2001, 24, 576-589.	2.8	108
58	Prolonged wakefulness induces experience-dependent synaptic plasticity in mouse hypocretin/orexin neurons. Journal of Clinical Investigation, 2007, 117, 4022-4033.	3.9	103
59	Role of neuronal nicotinic receptors in the effects of nicotine and ethanol on contextual fear conditioning. Neuroscience, 2004, 129, 11-24.	1.1	102
60	CaMKII Phosphorylation of TARPÎ³-8 Is a Mediator of LTP and Learning and Memory. Neuron, 2016, 92, 75-83.	3.8	101
61	Immunochemical localization of calcium/calmodulin-dependent protein kinase I. Synapse, 1995, 20, 75-84.	0.6	100
62	Persistent Î²₂*-Nicotinic Acetylcholinergic Receptor Dysfunction in Major Depressive Disorder. American Journal of Psychiatry, 2012, 169, 851-859.	4.0	100
63	Common aspects of the action of nicotine and other drugs of abuse. Drug and Alcohol Dependence, 1998, 51, 165-172.	1.6	98
64	Modulation of ethanol consumption by genetic and pharmacological manipulation of nicotinic acetylcholine receptors in mice. Psychopharmacology, 2010, 208, 613-626.	1.5	97
65	Sex Differences in Availability of Î²₂*-Nicotinic Acetylcholine Receptors in Recently Abstinent Tobacco Smokers. Archives of General Psychiatry, 2012, 69, 418.	13.8	95
66	Nicotine-induced plasticity during development: Modulation of the cholinergic system and long-term consequences for circuits involved in attention and sensory processing. Neuropharmacology, 2009, 56, 254-262.	2.0	90
67	Molecules and circuits involved in nicotine addiction: The many faces of smoking. Neuropharmacology, 2014, 76, 545-553.	2.0	88
68	Knockout of STriatal enriched protein tyrosine phosphatase in mice results in increased ERK1/2 phosphorylation. Synapse, 2009, 63, 69-81.	0.6	84
69	The neuropeptide galanin modulates behavioral and neurochemical signs of opiate withdrawal. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 9028-9033.	3.3	82
70	Assessment of nicotinic acetylcholine receptor subunit contributions to nicotine self-administration in mutant mice. Psychopharmacology, 1999, 147, 25-26.	1.5	81
71	Sex differences in anxiety-like behavior and locomotor activity following chronic nicotine exposure in mice. Neuroscience Letters, 2008, 439, 187-191.	1.0	81
72	FACS Identifies Unique Cocaine-Induced Gene Regulation in Selectively Activated Adult Striatal Neurons. Journal of Neuroscience, 2011, 31, 4251-4259.	1.7	81

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73	Varenicline has antidepressant-like activity in the forced swim test and augments sertraline's effect. European Journal of Pharmacology, 2009, 605, 114-116.	1.7	79
74	Involvement of Î±6 nicotinic receptor subunit in nicotine-elicited locomotion, demonstrated by in vivo antisense oligonucleotide infusion. NeuroReport, 1999, 10, 2497-2501.	0.6	78
75	Fear conditioning and latent inhibition in mice lacking the high affinity subclass of nicotinic acetylcholine receptors in the brain. Neuropharmacology, 2000, 39, 2779-2784.	2.0	78
76	Nucleus Accumbens CREB Activity is Necessary for Nicotine Conditioned Place Preference. Neuropsychopharmacology, 2009, 34, 1993-2001.	2.8	78
77	An epigenetic mechanism mediates developmental nicotine effects on neuronal structure and behavior. Nature Neuroscience, 2016, 19, 905-914.	7.1	78
78	Role of Neuronal VEGF Signaling in the Prefrontal Cortex in the Rapid Antidepressant Effects of Ketamine. American Journal of Psychiatry, 2019, 176, 388-400.	4.0	77
79	Conditional Expression in Corticothalamic Efferents Reveals a Developmental Role for Nicotinic Acetylcholine Receptors in Modulation of Passive Avoidance Behavior. Journal of Neuroscience, 2003, 23, 3837-3843.	1.7	75
80	Reduction of cocaine place preference in mice lacking the protein phosphatase 1 inhibitors DARPP 32 or Inhibitor 1. Biological Psychiatry, 2002, 51, 612-620.	0.7	73
81	Characterization of GalR1, GalR2, and GalR3 immunoreactivity in catecholaminergic nuclei of the mouse brain. Journal of Comparative Neurology, 2004, 479, 410-423.	0.9	72
82	Alteration of hippocampal cell proliferation in mice lacking the ?2 subunit of the neuronal nicotinic acetylcholine receptor. Synapse, 2004, 54, 200-206.	0.6	71
83	Cytisine-Based Nicotinic Partial Agonists as Novel Antidepressant Compounds. Journal of Pharmacology and Experimental Therapeutics, 2009, 329, 377-386.	1.3	71
84	Î²2-Subunit-containing nicotinic acetylcholine receptors are involved in nicotine-induced increases in conditioned reinforcement but not progressive ratio responding for food in C57BL/6 mice. Psychopharmacology, 2006, 184, 328-338.	1.5	70
85	Multiple Nicotinic Acetylcholine Receptor Subtypes in the Mouse Amygdala Regulate Affective Behaviors and Response to Social Stress. Neuropsychopharmacology, 2016, 41, 1579-1587.	2.8	70
86	Impaired Synaptic Plasticity and Learning in Mice Lacking Â-Adducin, an Actin-Regulating Protein. Journal of Neuroscience, 2005, 25, 2138-2145.	1.7	69
87	Sex differences in response to oral amitriptyline in three animal models of depression in C57BL/6J mice. Psychopharmacology, 2003, 170, 94-101.	1.5	66
88	Galanin: A Novel Therapeutic Target for Depression, Anxiety Disorders and Drug Addiction?. CNS and Neurological Disorders - Drug Targets, 2006, 5, 225-232.	0.8	66
89	A translational investigation targeting stress-reactivity and prefrontal cognitive control with guanfacine for smoking cessation. Journal of Psychopharmacology, 2015, 29, 300-311.	2.0	66
90	Gender Differences in Learned Helplessness Behavior Are Influenced by Genetic Background. Pharmacology Biochemistry and Behavior, 2000, 66, 811-817.	1.3	65

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91	Reduced locomotor responses to cocaine in ghrelin-deficient mice. Neuroscience, 2011, 192, 500-506.	1.1	65
92	Striatalâ€enriched protein tyrosine phosphatase (STEP) knockout mice have enhanced hippocampal memory. European Journal of Neuroscience, 2011, 33, 2288-2298.	1.2	65
93	A Calcium- and Calmodulin-Dependent Kinase IÂ/Microtubule Affinity Regulating Kinase 2 Signaling Cascade Mediates Calcium-Dependent Neurite Outgrowth. Journal of Neuroscience, 2007, 27, 4413-4423.	1.7	64
94	The Regulatory Region of Calcium/Calmodulin-dependent Protein Kinase I Contains Closely Associated Autoinhibitory and Calmodulin-binding Domains. Journal of Biological Chemistry, 1995, 270, 23851-23859.	1.6	63
95	Î²2-subunit-containing nicotinic acetylcholine receptors are critical for dopamine-dependent locomotor activation following repeated nicotine administration. Neuropharmacology, 2004, 47, 132-139.	2.0	63
96	Rare Nonsynonymous Variants in Alpha-4 Nicotinic Acetylcholine Receptor Gene Protect Against Nicotine Dependence. Biological Psychiatry, 2011, 70, 528-536.	0.7	62
97	Nicotinic Regulation of Energy Homeostasis. Nicotine and Tobacco Research, 2012, 14, 1270-1290.	1.4	62
98	Mechanisms of Nicotine Addiction. Cold Spring Harbor Perspectives in Medicine, 2021, 11, a039610.	2.9	59
99	Promoter elements conferring neuron-specific expression of the Î²2-subunit of the neuronal nicotinic acetylcholine receptor studiedin vitro and in transgenic mice. Neuroscience, 1995, 69, 807-819.	1.1	58
100	Antidepressant-like effects of nicotine and transcranial magnetic stimulation in the olfactory bulbectomy rat model of depression. Brain Research Bulletin, 2008, 77, 13-18.	1.4	58
101	Modulation of morphine analgesia in Î±CGRP mutant mice. NeuroReport, 1999, 10, 849-854.	0.6	57
102	Cortico-Thalamic Connectivity is Vulnerable to Nicotine Exposure During Early Postnatal Development through Î±4/Î²2/Î±5 Nicotinic Acetylcholine Receptors. Neuropsychopharmacology, 2010, 35, 2324-2338.	2.8	57
103	Homozygous loss of DIAPH1 is a novel cause of microcephaly in humans. European Journal of Human Genetics, 2015, 23, 165-172.	1.4	57
104	Hippocampal Î±7 nicotinic ACh receptors contribute to modulation of depressionâ€like behaviour in C57BL/6J mice. British Journal of Pharmacology, 2018, 175, 1903-1914.	2.7	55
105	Acetylcholine is released in the basolateral amygdala in response to predictors of reward and enhances the learning of cue-reward contingency. ELife, 2020, 9, .	2.8	55
106	Inhibition of GABA interneurons in the mPFC is sufficient and necessary for rapid antidepressant responses. Molecular Psychiatry, 2021, 26, 3277-3291.	4.1	54
107	Pharmacological and null mutation approaches reveal nicotinic receptor diversity. European Journal of Pharmacology, 2000, 393, 123-135.	1.7	52
108	Changes in the Cholinergic System between Bipolar Depression and Euthymia as Measured with [123I]5IA Single Photon Emission Computed Tomography. Biological Psychiatry, 2013, 74, 768-776.	0.7	52

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109	Centrally administered galanin blocks morphine place preference in the mouse. Brain Research, 1999, 831, 33-42.	1.1	51
110	Interaction between noradrenergic and cholinergic signaling in amygdala regulates anxiety- and depression-related behaviors in mice. Neuropsychopharmacology, 2018, 43, 2118-2125.	2.8	51
111	Î±4Î²2* Nicotinic Acetylcholine Receptors Modulate the Effects of Ethanol and Nicotine on the Acoustic Startle Response. Alcoholism: Clinical and Experimental Research, 2003, 27, 1867-1875.	1.4	50
112	Nicotineâ€induced phosphorylation of ERK in mouse primary cortical neurons: evidence for involvement of glutamatergic signaling and CaMKII. Journal of Neurochemistry, 2007, 103, 666-678.	2.1	50
113	Galanin Protects Against Behavioral and Neurochemical Correlates of Opiate Reward. Neuropsychopharmacology, 2008, 33, 1864-1873.	2.8	50
114	Maternal smoking and autism spectrum disorder: meta-analysis with population smoking metrics as moderators. Scientific Reports, 2017, 7, 4315.	1.6	50
115	Effects of galanin on monoaminergic systems and HPA axis: Potential mechanisms underlying the effects of galanin on addiction- and stress-related behaviors. Brain Research, 2010, 1314, 206-218.	1.1	49
116	Menthol decreases oral nicotine aversion in C57BL/6 mice through a TRPM8-dependent mechanism. Tobacco Control, 2016, 25, ii50-ii54.	1.8	49
117	Nicotinic modulation of mesoprefrontal dopamine neurons: pharmacologic and neuroanatomic characterization. Journal of Pharmacology and Experimental Therapeutics, 2000, 295, 58-66.	1.3	49
118	Smoking as a complex but critical covariate in neurobiological studies of posttraumatic stress disorders: a review. Journal of Psychopharmacology, 2006, 20, 693-707.	2.0	47
119	Effects of the H3 receptor inverse agonist thioperamide on cocaine-induced locomotion in mice: role of the histaminergic system and potential pharmacokinetic interactions. Psychopharmacology, 2009, 202, 673-687.	1.5	47
120	Local Application of Neurotrophins Specifies Axons Through Inositol 1,4,5-Trisphosphate, Calcium, and Ca ²⁺ /Calmodulinâ€“Dependent Protein Kinases. Science Signaling, 2011, 4, ra76.	1.6	47
121	Î±4Î²2 nicotinic acetylcholine receptor partial agonists with low intrinsic efficacy have antidepressant-like properties. Behavioural Pharmacology, 2011, 22, 291-299.	0.8	46
122	The 7q11.23 Protein DNAJC30 Interacts with ATP Synthase and Links Mitochondria to Brain Development. Cell, 2018, 175, 1088-1104.e23.	13.5	46
123	Nicotine withdrawal increases body weight, neuropeptide Y and Agouti-related protein expression in the hypothalamus and decreases uncoupling protein-3 expression in the brown adipose tissue in high-fat fed mice. Neuroscience Letters, 2007, 411, 72-76.	1.0	43
124	Dissociation between duration of action in the forced swim test in mice and nicotinic acetylcholine receptor occupancy with sazetidine, varenicline, and 5-I-A85380. Psychopharmacology, 2011, 217, 199-210.	1.5	43
125	Nicotine, Food Intake, and Activation of POMC Neurons. Neuropsychopharmacology, 2013, 38, 245-245.	2.8	43
126	Repeated in vivo exposure of cocaine induces longâ€lasting synaptic plasticity in hypocretin/orexinâ€producing neurons in the lateral hypothalamus in mice. Journal of Physiology, 2013, 591, 1951-1966.	1.3	43

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127	Galanin and galanin-like peptide modulate neurite outgrowth via protein kinase C-mediated activation of extracellular signal-related kinase. European Journal of Neuroscience, 2006, 23, 2937-2946.	1.2	42
128	Effect of cocaine self-administration on striatal PKA-regulated signaling in male and female rats. Psychopharmacology, 2007, 191, 263-271.	1.5	42
129	Biological Basis for the Co-morbidity Between Smoking and Mood Disorders. Journal of Dual Diagnosis, 2009, 5, 122-130.	0.7	42
130	In Vivo Evidence for Î²2 Nicotinic Acetylcholine Receptor Subunit Upregulation in Smokers as Compared With Nonsmokers With Schizophrenia. Biological Psychiatry, 2014, 76, 495-502.	0.7	41
131	Morphine dependence and withdrawal induced changes in cholinergic signaling. Pharmacology Biochemistry and Behavior, 2013, 109, 77-83.	1.3	40
132	High-affinity nicotinic acetylcholine receptor expression and trafficking abnormalities in psychiatric illness. Psychopharmacology, 2013, 229, 477-485.	1.5	38
133	Galanin receptor 1 gene expression is regulated by cyclic AMP through a CREB-dependent mechanism. Journal of Neurochemistry, 2008, 76, 191-200.	2.1	37
134	DARPP-32 interaction with adducin may mediate rapid environmental effects on striatal neurons. Nature Communications, 2015, 6, 10099.	5.8	37
135	The Nicotinic Acetylcholine Receptor Partial Agonist Varenicline Increases the Ataxic and Sedativeâ€Hypnotic Effects of Acute Ethanol Administration in C57BL/6J Mice. Alcoholism: Clinical and Experimental Research, 2010, 34, 2053-2060.	1.4	36
136	Nestin promoter/enhancer directs transgene expression to precursors of adult generated periglomerular neurons. Journal of Comparative Neurology, 2004, 475, 128-141.	0.9	35
137	Allelic Variation of Calsyntenin 2 (CLSTN2) Modulates the Impact of Developmental Tobacco Smoke Exposure on Mnemonic Processing in Adolescents. Biological Psychiatry, 2009, 65, 671-679.	0.7	35
138	Oral nicotine consumption does not affect maternal care or early development in mice but results in modest hyperactivity in adolescence. Physiology and Behavior, 2010, 101, 764-769.	1.0	35
139	Targeting the Noradrenergic System for Gender-Sensitive Medication Development for Tobacco Dependence. Nicotine and Tobacco Research, 2015, 17, 486-495.	1.4	35
140	Inhibition of both Î±7* and Î²2* nicotinic acetylcholine receptors is necessary to prevent development of sensitization to cocaine-elicited increases in extracellular dopamine levels in the ventral striatum. Psychopharmacology, 2006, 187, 181-188.	1.5	34
141	Contribution of nicotinic acetylcholine receptors containing the Î²2-subunit to the behavioural effects of nicotine. Biochemical Society Transactions, 1997, 25, 824-829.	1.6	33
142	Upregulation of Galanin Binding Sites and GalR1 mRNA Levels in the Mouse Locus Coeruleus Following Chronic Morphine Treatments and Precipitated Morphine Withdrawal. Neuropsychopharmacology, 2000, 23, 127-137.	2.8	33
143	Characterization of [125I]epibatidine binding and nicotinic agonist-mediated 86Rb+ efflux in interpeduncular nucleus and inferior colliculus of Î²2 null mutant mice. Journal of Neurochemistry, 2002, 81, 1102-1115.	2.1	33
144	Localized lowâ€level reâ€expression of highâ€affinity mesolimbic nicotinic acetylcholine receptors restores nicotineâ€induced locomotion but not place conditioning. Genes, Brain and Behavior, 2009, 8, 257-266.	1.1	33

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145	Imaging Changes in Synaptic Acetylcholine Availability in Living Human Subjects. Journal of Nuclear Medicine, 2013, 54, 78-82.	2.8	33
146	Differential effects of nicotinic antagonists perfused into the nucleus accumbens or the ventral tegmental area on cocaine-induced dopamine release in the nucleus accumbens of mice. Psychopharmacology, 2006, 190, 189-199.	1.5	32
147	Galanin â€“ 25 years with a multitalented neuropeptide. Cellular and Molecular Life Sciences, 2008, 65, 1872-1879.	2.4	32
148	GalR1, but not GalR2 or GalR3, levels are regulated by galanin signaling in the locus coeruleus through a cyclic AMP-dependent mechanism. Journal of Neurochemistry, 2005, 93, 1168-1176.	2.1	31
149	Deficiency in Inhibitory Cortical Interneurons Associates with Hyperactivity in Fibroblast Growth Factor Receptor 1 Mutant Mice. Biological Psychiatry, 2008, 63, 953-962.	0.7	31
150	Effects of galanin on cocaine-mediated conditioned place preference and ERK signaling in mice. Psychopharmacology, 2009, 204, 95-102.	1.5	31
151	Cytoplasmic localization of calcium/calmodulin-dependent protein kinase I-Î± depends on a nuclear export signal in its regulatory domain. FEBS Letters, 2004, 566, 275-280.	1.3	30
152	Plasticity of Prefrontal Attention Circuitry: Upregulated Muscarinic Excitability in Response to Decreased Nicotinic Signaling Following Deletion of Î±5 or Î²2 Subunits. Journal of Neuroscience, 2011, 31, 16458-16463.	1.7	30
153	The Synaptic Adhesion Molecule SynCAM 1 Contributes to Cocaine Effects on Synapse Structure and Psychostimulant Behavior. Neuropsychopharmacology, 2013, 38, 628-638.	2.8	30
154	The role of acetylcholine in negative encoding bias: Too much of a good thing?. European Journal of Neuroscience, 2021, 53, 114-125.	1.2	29
155	Galanin and Addiction. Exs, 2010, 102, 195-208.	1.4	29
156	Use of knock-out mice to determine the molecular basis for the actions of nicotine. Nicotine and Tobacco Research, 1999, 1, 121-125.	1.4	28
157	Calcineurin Downregulation in the Amygdala Is Sufficient to Induce Anxiety-like and Depression-like Behaviors in C57BL/6J Male Mice. Biological Psychiatry, 2014, 75, 991-998.	0.7	28
158	Expression of the 5-HT1A Serotonin Receptor in the Hippocampus Is Required for Social Stress Resilience and the Antidepressant-Like Effects Induced by the Nicotinic Partial Agonist Cytisine. Neuropsychopharmacology, 2015, 40, 938-946.	2.8	28
159	Knock-Out Mouse Models Used to Study Neurobiological Systems. Critical Reviews in Neurobiology, 1999, 13, 103-149.	3.3	28
160	Nociceptive thresholds are controlled through spinal Î²2-subunit-containing nicotinic acetylcholine receptors. Pain, 2011, 152, 2131-2137.	2.0	27
161	Modulation of aggressive behavior in mice by nicotinic receptor subtypes. Biochemical Pharmacology, 2015, 97, 488-497.	2.0	27
162	Bidirectional Regulation of Aggression in Mice by Hippocampal Alpha-7 Nicotinic Acetylcholine Receptors. Neuropsychopharmacology, 2018, 43, 1267-1275.	2.8	27

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163	Sex differences in amphetamine-induced dopamine release in the dorsolateral prefrontal cortex of tobacco smokers. Neuropsychopharmacology, 2019, 44, 2205-2211.	2.8	27
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