

# Marco Antonio Maximo Prado

## List of Publications by Year in descending order

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Version: 2024-02-01

206  
papers

8,109  
citations

41344

49  
h-index

66911

78  
g-index

214  
all docs

214  
docs citations

214  
times ranked

8939  
citing authors

#	ARTICLE	IF	CITATIONS
1	Homeostatic plasticity induced by increased acetylcholine release at the mouse neuromuscular junction. <i>Neurobiology of Aging</i> , 2022, 110, 13-26.	3.1	2
2	Functional dissociation of behavioral effects from acetylcholine and glutamate released from cholinergic striatal interneurons. <i>FASEB Journal</i> , 2022, 36, e22135.	0.5	4
3	Neuronal cholinergic signaling constrains norepinephrine activity in the heart. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 322, C794-C801.	4.6	0
4	Editorial: Exciting developments in neurochemistry research and publishing. <i>Journal of Neurochemistry</i> , 2022, , .	3.9	0
5	Aerobic exercise training engages cholinergic signaling to improve emphysema induced by cigarette smoke exposure in mice. <i>Life Sciences</i> , 2022, 301, 120599.	4.3	0
6	New frontiers in translational research: Touchscreens, open science, and the mouse translational research accelerator platform. <i>Genes, Brain and Behavior</i> , 2021, 20, e12705.	2.2	18
7	Protective and anti-inflammatory effects of acetylcholine in the heart. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 320, C155-C161.	4.6	10
8	Tardive neurotoxicity of anticholinergic drugs: A review. <i>Journal of Neurochemistry</i> , 2021, 158, 1334-1344.	3.9	10
9	Increased cholinergic activity under conditions of low estrogen leads to adverse cardiac remodeling. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 320, C602-C612.	4.6	4
10	Mutant Cx30-A88V mice exhibit hydrocephaly and sex-dependent behavioral abnormalities, implicating a functional role for Cx30 in the brain. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	2.4	5
11	Forebrain Acetylcholine Modulates Isoflurane and Ketamine Anesthesia in Adult Mice. <i>Anesthesiology</i> , 2021, 134, 588-606.	2.5	13
12	Lung Edema and Mortality Induced by Intestinal Ischemia and Reperfusion Is Regulated by VAcHT Levels in Female Mice. <i>Inflammation</i> , 2021, 44, 1553-1564.	3.8	2
13	Repetitive mild traumatic brain injury in mice triggers a slowly developing cascade of long-term and persistent behavioral deficits and pathological changes. <i>Acta Neuropathologica Communications</i> , 2021, 9, 60.	5.2	31
14	Hsp90 and its co-chaperone Sti1 control TDP43 misfolding and toxicity. <i>FASEB Journal</i> , 2021, 35, e21594.	0.5	19
15	Motoneuron-specific loss of VAcHT mimics neuromuscular defects seen in congenital myasthenic syndrome. <i>FEBS Journal</i> , 2021, 288, 5331-5349.	4.7	4
16	Increased Cholinergic Tone Causes Pre-synaptic Neuromuscular Degeneration and is Associated with Impaired Diaphragm Function. <i>Neuroscience</i> , 2021, 460, 31-42.	2.3	2
17	Touchscreen cognitive testing: Cross-species translation and co-clinical trials in neurodegenerative and neuropsychiatric disease. <i>Neurobiology of Learning and Memory</i> , 2021, 182, 107443.	1.9	19
18	Acute Lung Injury in Cholinergic-Deficient Mice Supports Anti-Inflammatory Role of $\alpha 7$ Nicotinic Acetylcholine Receptor. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7552.	4.1	6

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19	Long-term endogenous acetylcholine deficiency potentiates pulmonary inflammation in a murine model of elastase-induced emphysema. <i>Scientific Reports</i> , 2021, 11, 15918.	3.3	1
20	Cholinergic transmission from the basal forebrain modulates social memory in male mice. <i>European Journal of Neuroscience</i> , 2021, 54, 6075-6092.	2.6	8
21	Evaluating Sequential Response Learning in the Rodent Operant Touchscreen System. <i>Current Protocols</i> , 2021, 1, e268.	2.9	3
22	Modulation of hippocampal neuronal resilience during aging by the Hsp70/Hsp90 co-chaperone STI1. <i>Journal of Neurochemistry</i> , 2020, 153, 727-758.	3.9	16
23	Infiltrating Hematogenous Macrophages Aggregate Around $\beta$ 2-Amyloid Plaques in an Age- and Sex-Dependent Manner in a Mouse Model of Alzheimer Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020, 79, 1147-1162.	1.7	6
24	An optimized acetylcholine sensor for monitoring in vivo cholinergic activity. <i>Nature Methods</i> , 2020, 17, 1139-1146.	19.0	220
25	Striatal Acetylcholine Helps to Preserve Functional Outcomes in a Mouse Model of Stroke. <i>ASN Neuro</i> , 2020, 12, 175909142096161.	2.7	5
26	Increased levels of Stress-inducible phosphoprotein-1 accelerates amyloid- $\beta$ deposition in a mouse model of Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2020, 8, 143.	5.2	13
27	Chronic hM3Dq signaling in microglia ameliorates neuroinflammation in male mice. <i>Brain, Behavior, and Immunity</i> , 2020, 88, 791-801.	4.1	32
28	Effects of VAcHT reduction and $\beta$ 7nAChR stimulation by PNU-282987 in lung inflammation in a model of chronic allergic airway inflammation. <i>European Journal of Pharmacology</i> , 2020, 882, 173239.	3.5	12
29	Optimizing Nervous System-Specific Gene Targeting with Cre Driver Lines: Prevalence of Germline Recombination and Influencing Factors. <i>Neuron</i> , 2020, 106, 37-65.e5.	8.1	109
30	Cholinergic dysfunction in the dorsal striatum promotes habit formation and maladaptive eating. <i>Journal of Clinical Investigation</i> , 2020, 130, 6616-6630.	8.2	29
31	Evaluation of the neuromuscular junction in a middle-aged mouse model of congenital myasthenic syndrome. <i>Muscle and Nerve</i> , 2019, 60, 790-800.	2.2	2
32	Forebrain Cholinergic Signaling Regulates Innate Immune Responses and Inflammation. <i>Frontiers in Immunology</i> , 2019, 10, 585.	4.8	55
33	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.	0.5	18
34	Detection of Active Caspase-3 in Mouse Models of Stroke and Alzheimer's Disease with a Novel Dual Positron Emission Tomography/Fluorescent Tracer [ <sup>68</sup> Ga]Ga-TC3-OGDOTA. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-17.	0.8	17
35	Exercise-linked FNDC5/irisin rescues synaptic plasticity and memory defects in Alzheimer's models. <i>Nature Medicine</i> , 2019, 25, 165-175.	30.7	511
36	Dissociable cognitive impairments in two strains of transgenic Alzheimer's disease mice revealed by a battery of object-based tests. <i>Scientific Reports</i> , 2019, 9, 57.	3.3	45

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37	Vesicular acetylcholine transport deficiency potentiates some inflammatory responses induced by diesel exhaust particles. <i>Ecotoxicology and Environmental Safety</i> , 2019, 167, 494-504.	6.0	14
38	MouseBytes, an open-access high-throughput pipeline and database for rodent touchscreen-based cognitive assessment. <i>ELife</i> , 2019, 8, .	6.0	38
39	Estradiol effect on short-term object memory under hypocholenergic condition. <i>Brain Research Bulletin</i> , 2018, 140, 411-417.	3.0	6
40	Histamine H 3 Receptors Decrease Dopamine Release in the Ventral Striatum by Reducing the Activity of Striatal Cholinergic Interneurons. <i>Neuroscience</i> , 2018, 376, 188-203.	2.3	17
41	Mechanisms of neuroprotection against ischemic insult by stress-inducible phosphoprotein $\epsilon$ 1/prion protein complex. <i>Journal of Neurochemistry</i> , 2018, 145, 68-79.	3.9	15
42	Fast and slow-twitching muscles are differentially affected by reduced cholinergic transmission in mice deficient for VACHT: A mouse model for congenital myasthenia. <i>Neurochemistry International</i> , 2018, 120, 1-12.	3.8	11
43	Prion (PRNP). , 2018, , 4164-4180.		1
44	Cholinergic Surveillance over Hippocampal RNA Metabolism and Alzheimer's-Like Pathology. <i>Cerebral Cortex</i> , 2017, 27, bhv177.	2.9	42
45	Regulation of Cognitive Processing by Hippocampal Cholinergic Tone. <i>Cerebral Cortex</i> , 2017, 27, bhv349.	2.9	34
46	Mosaic expression of Atrx in the central nervous system causes memory deficits. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 119-126.	2.4	15
47	Molecular basis for the interaction between stress-inducible phosphoprotein 1 (STIP1) and S100A1. <i>Biochemical Journal</i> , 2017, 474, 1853-1866.	3.7	6
48	Cholinergic/glutamatergic co-transmission in striatal cholinergic interneurons: new mechanisms regulating striatal computation. <i>Journal of Neurochemistry</i> , 2017, 142, 90-102.	3.9	35
49	Synthetic triterpenoids inhibit GSK3 $\beta$ activity and localization and affect focal adhesions and cell migration. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1274-1284.	4.1	9
50	Reduced Vesicular Acetylcholine Transporter favors antidepressant behaviors and modulates serotonin and dopamine in female mouse brain. <i>Behavioural Brain Research</i> , 2017, 330, 127-132.	2.2	9
51	Vesicular acetylcholine transporter (<scp>VAC</scp>hT) over-expression induces major modifications of striatal cholinergic interneuron morphology and function. <i>Journal of Neurochemistry</i> , 2017, 142, 857-875.	3.9	23
52	Preface: Cholinergic Mechanisms. <i>Journal of Neurochemistry</i> , 2017, 142, 3-6.	3.9	4
53	Cholinergic circuits in cognitive flexibility. <i>Neuroscience</i> , 2017, 345, 130-141.	2.3	102
54	Acute lung injury is reduced by the $\beta$ 7nAChR agonist PNU $\epsilon$ 282987 through changes in the macrophage profile. <i>FASEB Journal</i> , 2017, 31, 320-332.	0.5	78

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55	Deletion of the vesicular acetylcholine transporter from pedunclopontine/laterodorsal tegmental neurons modifies gait. <i>Journal of Neurochemistry</i> , 2017, 140, 787-798.	3.9	34
56	The Hsp70/Hsp90 Chaperone Machinery in Neurodegenerative Diseases. <i>Frontiers in Neuroscience</i> , 2017, 11, 254.	2.8	277
57	Endogenous Acetylcholine Controls the Severity of Polymicrobial Sepsis-associated Inflammatory Response in Mice. <i>Current Neurovascular Research</i> , 2016, 13, 4-9.	1.1	9
58	Mice deficient for striatal Vesicular Acetylcholine Transporter (VACHT) display impaired short-term but normal long-term object recognition memory. <i>Behavioural Brain Research</i> , 2016, 311, 267-278.	2.2	11
59	Vesicular acetylcholine transporter knock down-mice are more susceptible to inflammation, c-Fos expression and sickness behavior induced by lipopolysaccharide. <i>Brain, Behavior, and Immunity</i> , 2016, 57, 282-292.	4.1	32
60	Prion protein in exosomes: partnering A $\beta$ peptides and driving fibrilization. <i>Journal of Neurochemistry</i> , 2016, 137, 9-11.	3.9	1
61	Regulation of Amyloid $\beta$ Oligomer Binding to Neurons and Neurotoxicity by the Prion Protein-mGluR5 Complex. <i>Journal of Biological Chemistry</i> , 2016, 291, 21945-21955.	3.4	51
62	Reduced expression of VACHT increases renal fibrosis. <i>Pathophysiology</i> , 2016, 23, 229-236.	2.2	6
63	Domains of STIP1 responsible for regulating PrPC-dependent amyloid- $\beta$ oligomer toxicity. <i>Biochemical Journal</i> , 2016, 473, 2119-2130.	3.7	23
64	VACHT overexpression increases acetylcholine at the synaptic cleft and accelerates aging of neuromuscular junctions. <i>Skeletal Muscle</i> , 2016, 6, 31.	4.2	59
65	Commemorating John F. MacDonald and the Art of Being a Mentor. <i>Canadian Journal of Neurological Sciences</i> , 2016, 43, 735-744.	0.5	0
66	Cholinergic Regulation of hnRNP A2/B1 Translation by M1 Muscarinic Receptors. <i>Journal of Neuroscience</i> , 2016, 36, 6287-6296.	3.6	25
67	Role of the atypical vesicular glutamate transporter VGLUT3 in L-DOPA-induced dyskinesia. <i>Neurobiology of Disease</i> , 2016, 87, 69-79.	4.4	26
68	Cardiac acetylcholine inhibits ventricular remodeling and dysfunction under pathologic conditions. <i>FASEB Journal</i> , 2016, 30, 688-701.	0.5	39
69	Prion (PRNP)., 2016, , 1-17.		0
70	Autonomic cardiocirculatory control in mice with reduced expression of the vesicular acetylcholine transporter. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H655-H662.	3.2	10
71	Hyperactivity and attention deficits in mice with decreased levels of stress inducible phosphoprotein 1 (STIP1). <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 1457-66.	2.4	25
72	Pulmonary Inflammation Is Regulated by the Levels of the Vesicular Acetylcholine Transporter. <i>PLoS ONE</i> , 2015, 10, e0120441.	2.5	32

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73	Whole-Retina Reduced Electrophysiological Activity in Mice Bearing Retina-Specific Deletion of Vesicular Acetylcholine Transporter. <i>PLoS ONE</i> , 2015, 10, e0133989.	2.5	4
74	Increased Airway Reactivity and Hyperinsulinemia in Obese Mice Are Linked by ERK Signaling in Brain Stem Cholinergic Neurons. <i>Cell Reports</i> , 2015, 11, 934-943.	6.4	22
75	The Transient Receptor Potential Melastatin 2 (TRPM2) Channel Contributes to $\text{A}\beta$ -Amyloid Oligomer-Related Neurotoxicity and Memory Impairment. <i>Journal of Neuroscience</i> , 2015, 35, 15157-15169.	3.6	110
76	The absence of VGLUT3 predisposes to cocaine abuse by increasing dopamine and glutamate signaling in the nucleus accumbens. <i>Molecular Psychiatry</i> , 2015, 20, 1448-1459.	7.9	59
77	$\alpha 7$ nicotinic ACh receptor-deficient mice exhibit sustained attention impairments that are reversed by $\alpha 2$ nicotinic ACh receptor activation. <i>British Journal of Pharmacology</i> , 2015, 172, 4919-4931.	5.4	13
78	Cholinergic Signaling Exerts Protective Effects in Models of Sympathetic Hyperactivity-Induced Cardiac Dysfunction. <i>PLoS ONE</i> , 2014, 9, e100179.	2.5	43
79	Cholinergic Activity as a New Target in Diseases of the Heart. <i>Molecular Medicine</i> , 2014, 20, 527-537.	4.4	64
80	Quantitative Tissue Ph Measurement during Cerebral Ischemia Using Amine and Amide Concentration-Independent Detection (AACID) with MRI. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 690-698.	4.3	137
81	Letters to the Editor. <i>FASEB Journal</i> , 2014, 28, 2-3.	0.5	9
82	Membrane cholesterol regulates different modes of synaptic vesicle release and retrieval at the frog neuromuscular junction. <i>European Journal of Neuroscience</i> , 2013, 38, 2978-2987.	2.6	19
83	Nitric oxide regulates AKT phosphorylation and nuclear translocation in cultured retinal cells. <i>Cellular Signalling</i> , 2013, 25, 2424-2439.	3.6	44
84	Stress-inducible phosphoprotein 1 has unique cochaperone activity during development and regulates cellular response to ischemia via the prion protein. <i>FASEB Journal</i> , 2013, 27, 3594-3607.	0.5	86
85	Forebrain Deletion of the Vesicular Acetylcholine Transporter Results in Deficits in Executive Function, Metabolic, and RNA Splicing Abnormalities in the Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2013, 33, 14908-14920.	3.6	56
86	The monoterpene ( $\alpha$ -)carvone: A novel agonist of TRPV1 channels. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83A, 212-219.	1.5	22
87	Laminin $\alpha 3$ chain and stress inducible protein 1 synergistically mediate Pr <sup>C</sup> -dependent axonal growth via Ca <sup>2+</sup> mobilization in dorsal root ganglia neurons. <i>Journal of Neurochemistry</i> , 2013, 124, 210-223.	3.9	27
88	Mice with selective elimination of striatal acetylcholine release are lean, show altered energy homeostasis and changed sleep/wake cycle. <i>Journal of Neurochemistry</i> , 2013, 124, 658-669.	3.9	21
89	Regulation of cholinergic activity by the vesicular acetylcholine transporter. <i>Biochemical Journal</i> , 2013, 450, 265-274.	3.7	109
90	<sup>1</sup> H, <sup>15</sup> N and <sup>13</sup> C backbone resonance assignments of the TPR1 and TPR2A domains of mouse ST11. <i>Biomolecular NMR Assignments</i> , 2013, 7, 305-310.	0.8	5

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91	ChAT-ChR2-EYFP Mice Have Enhanced Motor Endurance But Show Deficits in Attention and Several Additional Cognitive Domains. <i>Journal of Neuroscience</i> , 2013, 33, 10427-10438.	3.6	119
92	Increased prion protein processing and expression of metabotropic glutamate receptor 1 in a mouse model of Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2013, 127, 415-425.	3.9	35
93	The unconventional secretion of stress-inducible protein 1 by a heterogeneous population of extracellular vesicles. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 3211-3227.	5.4	52
94	Decreased acetylcholine release delays the consolidation of object recognition memory. <i>Behavioural Brain Research</i> , 2013, 238, 62-68.	2.2	26
95	Regulation of Stress-Inducible Phosphoprotein 1 Nuclear Retention by Protein Inhibitor of Activated STAT PIAS1. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 3253-3270.	3.8	25
96	The Prion Protein Ligand, Stress-Inducible Phosphoprotein 1, Regulates Amyloid- $\beta^2$ Oligomer Toxicity. <i>Journal of Neuroscience</i> , 2013, 33, 16552-16564.	3.6	70
97	Cardiomyocyte-secreted acetylcholine is required for maintenance of homeostasis in the heart. <i>FASEB Journal</i> , 2013, 27, 5072-5082.	0.5	85
98	Sleep pattern and learning in knockdown mice with reduced cholinergic neurotransmission. <i>Brazilian Journal of Medical and Biological Research</i> , 2013, 46, 844-854.	1.5	8
99	Reduced Expression of the Vesicular Acetylcholine Transporter and Neurotransmitter Content Affects Synaptic Vesicle Distribution and Shape in Mouse Neuromuscular Junction. <i>PLoS ONE</i> , 2013, 8, e78342.	2.5	25
100	Elimination of the vesicular acetylcholine transporter in the forebrain causes hyperactivity and deficits in spatial memory and long-term potentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17651-17656.	7.1	57
101	Non-neuronal cholinergic machinery present in cardiomyocytes offsets hypertrophic signals. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 53, 206-216.	1.9	82
102	Expression of a recombinant Phoneutria toxin active in calcium channels. <i>Toxicon</i> , 2012, 60, 907-918.	1.6	3
103	Autonomic nervous system modulation affects the inflammatory immune response in mice with acute Chagas disease. <i>Experimental Physiology</i> , 2012, 97, 1186-1202.	2.0	24
104	PrP. , 2012, , 1488-1488.		0
105	An Analysis of the Myocardial Transcriptome in a Mouse Model of Cardiac Dysfunction with Decreased Cholinergic Neurotransmission. <i>PLoS ONE</i> , 2012, 7, e39997.	2.5	9
106	Seeding plaques in Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2012, 120, 641-643.	3.9	6
107	Novel Strains of Mice Deficient for the Vesicular Acetylcholine Transporter: Insights on Transcriptional Regulation and Control of Locomotor Behavior. <i>PLoS ONE</i> , 2011, 6, e17611.	2.5	60
108	Antiarrhythmogenic effects of a neurotoxin from the spider <i>Phoneutria nigriventer</i> . <i>Toxicon</i> , 2011, 57, 217-224.	1.6	21

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109	Vesicular acetylcholine transporter knock-down mice show sexual dimorphism on memory. <i>Brain Research Bulletin</i> , 2011, 85, 54-57.	3.0	17
110	Amyloid-beta oligomers increase the localization of prion protein at the cell surface. <i>Journal of Neurochemistry</i> , 2011, 117, 538-553.	3.9	60
111	VAcHT knock-down mice show normal prepulse inhibition but disrupted long-term habituation. <i>Genes, Brain and Behavior</i> , 2011, 10, 457-464.	2.2	15
112	Antinociceptive effect of Brazilian armed spider venom toxin Tx3 in animal models of neuropathic pain. <i>Pain</i> , 2011, 152, 2224-2232.	4.2	56
113	The Effect of Spider Toxin PhTx3-4, $\omega$ -Conotoxins MVIIA and MVIIIC on Glutamate Uptake and on Capsaicin-Induced Glutamate Release and $[Ca^{2+}]_i$ in Spinal cord Synaptosomes. <i>Cellular and Molecular Neurobiology</i> , 2011, 31, 277-283.	3.3	14
114	Metabotropic glutamate receptors transduce signals for neurite outgrowth after binding of the prion protein to laminin $\alpha 1$ chain. <i>FASEB Journal</i> , 2011, 25, 265-279.	0.5	109
115	Elimination of the Vesicular Acetylcholine Transporter in the Striatum Reveals Regulation of Behaviour by Cholinergic-Glutamatergic Co-Transmission. <i>PLoS Biology</i> , 2011, 9, e1001194.	5.6	80
116	Quantal release of acetylcholine in mice with reduced levels of the vesicular acetylcholine transporter. <i>Journal of Neurochemistry</i> , 2010, 113, 943-951.	3.9	50
117	Role of $\alpha 7$ Nicotinic Acetylcholine Receptor in Calcium Signaling Induced by Prion Protein Interaction with Stress-inducible Protein 1. <i>Journal of Biological Chemistry</i> , 2010, 285, 36542-36550.	3.4	92
118	Dysautonomia Due to Reduced Cholinergic Neurotransmission Causes Cardiac Remodeling and Heart Failure. <i>Molecular and Cellular Biology</i> , 2010, 30, 1746-1756.	2.3	70
119	Reduced expression of mir15a in the blood of patients with oral squamous cell carcinoma is associated with tumor staging. <i>Experimental and Therapeutic Medicine</i> , 2010, 1, 217-221.	1.8	14
120	Prion protein: orchestrating neurotrophic activities. <i>Current Issues in Molecular Biology</i> , 2010, 12, 63-86.	2.4	81
121	The Vesicular Acetylcholine Transporter Is Required for Neuromuscular Development and Function. <i>Molecular and Cellular Biology</i> , 2009, 29, 5238-5250.	2.3	105
122	Phoneutria spider toxins block ischemia-induced glutamate release, neuronal death, and loss of neurotransmission in hippocampus. <i>Hippocampus</i> , 2009, 19, 1123-1129.	1.9	41
123	Reduced expression of the vesicular acetylcholine transporter causes learning deficits in mice. <i>Genes, Brain and Behavior</i> , 2009, 8, 23-35.	2.2	53
124	Quabain evokes exocytosis dependent on ryanodine and mitochondrial calcium stores that is not followed by compensatory endocytosis at the neuromuscular junction. <i>Neurochemistry International</i> , 2009, 55, 406-413.	3.8	2
125	Protective Effect of Retinal Ischemia by Blockers of Voltage-dependent Calcium Channels and Intracellular Calcium Stores. <i>Cellular and Molecular Neurobiology</i> , 2008, 28, 847-856.	3.3	17
126	Internalization of mammalian fluorescent cellular prion protein and N-terminal deletion mutants in living cells. <i>Journal of Neurochemistry</i> , 2008, 79, 79-87.	3.9	100

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127	Trafficking of green fluorescent protein tagged-vesicular acetylcholine transporter to varicosities in a cholinergic cell line. <i>Journal of Neurochemistry</i> , 2008, 79, 717-717.	3.9	0
128	Protein kinase C modulates synaptic vesicle acidification in a ribbon type nerve terminal in the retina. <i>Neurochemistry International</i> , 2008, 53, 155-164.	3.8	15
129	Vesicular acetylcholine transporter knock-down mice are more susceptible to pilocarpine induced status epilepticus. <i>Neuroscience Letters</i> , 2008, 436, 201-204.	2.1	10
130	Tx3-4 a toxin from the venom of spider <i>Phoneutria nigriventer</i> blocks calcium channels associated with exocytosis. <i>Neuroscience Letters</i> , 2008, 439, 170-172.	2.1	16
131	Analgesic effect in rodents of native and recombinant Ph $\phi$ 1 $\phi$ 2 toxin, a high-voltage-activated calcium channel blocker isolated from armed spider venom. <i>Pain</i> , 2008, 140, 115-126.	4.2	92
132	Physiology of the Prion Protein. <i>Physiological Reviews</i> , 2008, 88, 673-728.	28.8	523
133	Endocytosis of Prion Protein Is Required for ERK1/2 Signaling Induced by Stress-Inducible Protein 1. <i>Journal of Neuroscience</i> , 2008, 28, 6691-6702.	3.6	86
134	SEC14-like protein 1 interacts with cholinergic transporters. <i>Neurochemistry International</i> , 2007, 50, 356-364.	3.8	26
135	Regulated recycling and plasma membrane recruitment of the high-affinity choline transporter. <i>European Journal of Neuroscience</i> , 2007, 26, 3437-3448.	2.6	30
136	The effect of sevoflurane on intracellular calcium concentration from cholinergic cells. <i>Brain Research Bulletin</i> , 2006, 69, 147-152.	3.0	9
137	Neuroprotective effect on brain injury by neurotoxins from the spider <i>Phoneutria nigriventer</i> . <i>Neurochemistry International</i> , 2006, 49, 543-547.	3.8	32
138	Mice Deficient for the Vesicular Acetylcholine Transporter Are Myasthenic and Have Deficits in Object and Social Recognition. <i>Neuron</i> , 2006, 51, 601-612.	8.1	208
139	The "ins" and "outs" of the high-affinity choline transporter CHT1. <i>Journal of Neurochemistry</i> , 2006, 97, 1-12.	3.9	77
140	Characterization of a <i>Trypanosoma cruzi</i> antigen with homology to intracellular mammalian lectins. <i>International Journal for Parasitology</i> , 2006, 36, 1473-1484.	3.1	2
141	A rat homologue of CED-6 is expressed in neurons and interacts with clathrin. <i>Brain Research</i> , 2006, 1119, 1-12.	2.2	13
142	Mouse-Adapted Scrapie Infection of SN56 Cells: Greater Efficiency with Microsome-Associated versus Purified PrP-res. <i>Journal of Virology</i> , 2006, 80, 2106-2117.	3.4	71
143	Constitutive high-affinity choline transporter endocytosis is determined by a carboxyl-terminal tail dileucine motif. <i>Journal of Neurochemistry</i> , 2005, 94, 86-96.	3.9	66
144	Structural requirements for steady-state localization of the vesicular acetylcholine transporter. <i>Journal of Neurochemistry</i> , 2005, 94, 957-969.	3.9	26

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145	Uptake and Neuritic Transport of Scrapie Prion Protein Coincident with Infection of Neuronal Cells. <i>Journal of Neuroscience</i> , 2005, 25, 5207-5216.	3.6	137
146	Dopamine Release Evoked by Beta Scorpion Toxin, Tityus Gamma, in Prefrontal Cortical Slices is Mediated by Intracellular Calcium Stores. <i>Cellular and Molecular Neurobiology</i> , 2004, 24, 757-767.	3.3	11
147	Okadaic acid disrupts synaptic vesicle trafficking in a ribbon-type synapse. <i>Journal of Neurochemistry</i> , 2004, 82, 1047-1057.	3.9	20
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