Grace Schenatto Pereira

List of Publications by Year
in descending order

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62 papers	1,932 citations	257450 24 h-index	265206 42 g-index
62 all docs	62 docs citations	62 times ranked	2930 citing authors

#	Article	IF	Citations
1	Mice Deficient for the Vesicular Acetylcholine Transporter Are Myasthenic and Have Deficits in Object and Social Recognition. Neuron, 2006, 51, 601-612.	8.1	208
2	Changes in synaptosomal ectonucleotidase activities in two rat models of temporal lobe epilepsy. Epilepsy Research, 2000, 39, 229-238.	1.6	105
3	Chronic coffee and caffeine ingestion effects on the cognitive function and antioxidant system of rat brains. Pharmacology Biochemistry and Behavior, 2011, 99, 659-664.	2.9	105
4	Mechanism for long-term memory formation when synaptic strengthening is impaired. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18471-18475.	7.1	86
5	Enriched environment increases neurogenesis and improves social memory persistence in socially isolated adult mice. Hippocampus, 2014, 24, 239-248.	1.9	84
6	Angiotensin-(1â€“7)/Mas axis integrity is required for the expression of object recognition memory. Neurobiology of Learning and Memory, 2012, 97, 113-123.	1.9	74
7	Behavioral and cognitive profile of mice with high and low exploratory phenotypes. Behavioural Brain Research, 2005, 162, 272-278.	2.2	73
8	Metabotropic glutamate receptor 5 positive allosteric modulators are neuroprotective in a mouse model of <scp>H</scp>untington's disease. British Journal of Pharmacology, 2013, 169, 909-921.	5.4	61
9	Activation of adenosine receptors in the posterior cingulate cortex impairs memory retrieval in the rat. Neurobiology of Learning and Memory, 2005, 83, 217-223.	1.9	58
10	A role for the endocannabinoid system in exercise-induced spatial memory enhancement in mice. Hippocampus, 2014, 24, 79-88.	1.9	58
11	Reduced expression of the vesicular acetylcholine transporter causes learning deficits in mice. Genes, Brain and Behavior, 2009, 8, 23-35.	2.2	53
12	Estradiol enhances object recognition memory in Swiss female mice by activating hippocampal estrogen receptor Î±. Neurobiology of Learning and Memory, 2014, 114, 1-9.	1.9	52
13	Different time course for the memory facilitating effect of bicuculline in hippocampus, entorhinal cortex, and posterior parietal cortex of rats. Neurobiology of Learning and Memory, 2004, 82, 52-56.	1.9	46
14	Object recognition memory deficit and depressive-like behavior caused by chronic ovariectomy can be transitorialy recovered by the acute activation of hippocampal estrogen receptors. Psychoneuroendocrinology, 2015, 57, 14-25.	2.7	43
15	Blockade of adenosine A1 receptors in the posterior cingulate cortex facilitates memory in rats. European Journal of Pharmacology, 2002, 437, 151-154.	3.5	40
16	Odor-enriched environment rescues long-term social memory, but does not improve olfaction in social isolated adult mice. Behavioural Brain Research, 2012, 228, 440-446.	2.2	40
17	Anisomycin administered in the olfactory bulb and dorsal hippocampus impaired social recognition memory consolidation in different time-points. Brain Research Bulletin, 2014, 109, 151-157.	3.0	32
18	Vesicular acetylcholine transporter knock down-mice are more susceptible to inflammation, c- Fos expression and sickness behavior induced by lipopolysaccharide. Brain, Behavior, and Immunity, 2016, 57, 282-292.	4.1	32

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19	Learning-specific decrease in synaptosomal ATP diphosphohydrolase activity from hippocampus and entorhinal cortex of adult rats. Brain Research, 2000, 854, 253-256.	2.2	31
20	Wistar audiogenic rats display abnormal behavioral traits associated with artificial selection for seizure susceptibility. Epilepsy and Behavior, 2017, 71, 243-249.	1.7	31
21	Object recognition memory and temporal lobe activation after delayed estrogen replacement therapy. Neurobiology of Learning and Memory, 2013, 101, 19-25.	1.9	28
22	Aqueous extract of Ilex paraguariensis decreases nucleotide hydrolysis in rat blood serum. Journal of Ethnopharmacology, 2005, 97, 73-77.	4.1	27
23	The metabotropic glutamate receptor 5 role on motor behavior involves specific neural substrates. Molecular Brain, 2015, 8, 24.	2.6	27
24	Decreased acetylcholine release delays the consolidation of object recognition memory. Behavioural Brain Research, 2013, 238, 62-68.	2.2	26
25	Inhibiting constitutive neurogenesis compromises long-term social recognition memory. Neurobiology of Learning and Memory, 2018, 155, 92-103.	1.9	26
26	Social isolation impairs the persistence of social recognition memory by disturbing the glutamatergic tonus and the olfactory bulb-dorsal hippocampus coupling. Scientific Reports, 2019, 9, 473.	3.3	26
27	Regulation of Stress-Inducible Phosphoprotein 1 Nuclear Retention by Protein Inhibitor of Activated STAT PIAS1. Molecular and Cellular Proteomics, 2013, 12, 3253-3270.	3.8	25
28	Temporal Rearrangement of Pre-ictal PTZ Induced Spike Discharges by Low Frequency Electrical Stimulation to the Amygdaloid Complex. Brain Stimulation, 2014, 7, 170-178.	1.6	24
29	Effects of inhibitory avoidance training and/or isolated foot-shock on ectonucleotidase activities in synaptosomes of the anterior and posterior cingulate cortex and the medial precentral area of adult rats. Behavioural Brain Research, 2002, 128, 121-127.	2.2	23
30	Swim training attenuates oxidative damage and promotes neuroprotection in cerebral cortical slices submitted to oxygen glucose deprivation. Journal of Neurochemistry, 2012, 123, 317-324.	3.9	23
31	c-Fos expression predicts long-term social memory retrieval in mice. Behavioural Brain Research, 2016, 313, 260-271.	2.2	23
32	Enhancement of endocannabinoid signaling protects against cocaine-induced neurotoxicity. Toxicology and Applied Pharmacology, 2015, 286, 178-187.	2.8	22
33	Ovarian Sex Hormones Modulate Compulsive, Affective and Cognitive Functions in A Non-Induced Mouse Model of Obsessive-Compulsive Disorder. Frontiers in Behavioral Neuroscience, 2016, 10, 215.	2.0	22
34	Angiotensin-(1-7)/Mas axis modulates fear memory and extinction in mice. Neurobiology of Learning and Memory, 2016, 127, 27-33.	1.9	20
35	Changes in cortical and hippocampal ectonucleotidase activities in mice lacking cellular prion protein. Neuroscience Letters, 2001, 301, 72-74.	2.1	18
36	Home-cage odors spatial cues elicit theta phase/gamma amplitude coupling between olfactory bulb and dorsal hippocampus. Neuroscience, 2017, 363, 97-106.	2.3	18

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37	Habituation to an open field alters ecto-nucleotidase activities in rat hippocampal synaptosomes. Neuroscience Letters, 2007, 413, 21-24.	2.1	17
38	Vesicular acetylcholine transporter knock-down mice show sexual dimorphism on memory. Brain Research Bulletin, 2011, 85, 54-57.	3.0	17
39	Malnutrition during central nervous system growth and development impairs permanently the subcortical auditory pathway. Nutritional Neuroscience, 2012, 15, 31-36.	3.1	16
40	Neurogenesis Inhibition Prevents Enriched Environment to Prolong and Strengthen Social Recognition Memory, But Not to Increase BDNF Expression. Molecular Neurobiology, 2017, 54, 3309-3316.	4.0	15
41	Pro-neurogenic effect of fluoxetine in the olfactory bulb is concomitant to improvements in social memory and depressive-like behavior of socially isolated mice. Translational Psychiatry, 2020, 10, 33.	4.8	15
42	Inhibitory Avoidance Task Reveals Differences in Ectonucleotidase Activities between Male and Female Rats. Neurochemical Research, 2004, 29, 2231-2237.	3.3	14
43	Differential effects of swimming training on neuronal calcium sensor-1 expression in rat hippocampus/cortex and in object recognition memory tasks. Brain Research Bulletin, 2012, 88, 385-391.	3.0	14
44	Neuroprotective effect of exercise in rat hippocampal slices submitted to in vitro ischemia is promoted by decrease of glutamate release and proâ€apoptotic markers. Journal of Neurochemistry, 2014, 131, 65-73.	3.9	14
45	Differential regulation of CaMKII inhibitor Î² protein expression after exposure to a novel context and during contextual fear memory formation. Genes, Brain and Behavior, 2010, 9, 648-657.	2.2	12
46	ATP diphosphohydrolase in human platelets from patients with coronary arteries heart disease. Platelets, 2003, 14, 47-52.	2.3	11
47	Fast and slow-twitching muscles are differentially affected by reduced cholinergic transmission in mice deficient for VAChT: A mouse model for congenital myasthenia. Neurochemistry International, 2018, 120, 1-12.	3.8	11
48	Hippocampus and Prefrontal Cortex Modulation of Contextual Fear Memory Is Dissociated by Inhibiting De Novo Transcription During Late Consolidation. Molecular Neurobiology, 2019, 56, 5507-5519.	4.0	11
49	Vesicular acetylcholine transporter knock-down mice are more susceptible to pilocarpine induced status epilepticus. Neuroscience Letters, 2008, 436, 201-204.	2.1	10
50	Triggering Different Brain States Using Asynchronous Serial Communication to the Rat Amygdala. Cerebral Cortex, 2016, 26, 1866-1877.	2.9	9
51	Reduced Vesicular Acetylcholine Transporter favors antidepressant behaviors and modulates serotonin and dopamine in female mouse brain. Behavioural Brain Research, 2017, 330, 127-132.	2.2	9
52	l-Dopa treatment during perinatal development leads to different behavioral alterations in female vs. male juvenile Swiss mice. Pharmacology Biochemistry and Behavior, 2018, 173, 1-14.	2.9	9
53	On the novel mechanisms for social memory and the emerging role of neurogenesis. Brain Research Bulletin, 2021, 171, 56-66.	3.0	8
54	Estradiol effect on short-term object memory under hypocholinergic condition. Brain Research Bulletin, 2018, 140, 411-417.	3.0	6

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55	Social interaction masking contributes to changes in the activity of the suprachiasmatic nucleus and impacts on circadian rhythms. Physiology and Behavior, 2021, 237, 113420.	2.1	6
56	Molecular Mechanisms Associated with the Benefits of Variable Practice in Motor Learning. Journal of Motor Behavior, 2020, 52, 515-526.	0.9	5
57	Early postnatal l-Dopa treatment causes behavioral alterations in female vs. male young adult Swiss mice. Neuropharmacology, 2020, 170, 108047.	4.1	4
58	The effect of context variability on motor learning. Human Movement Science, 2021, 77, 102794.	1.4	3
59	Strategies adopted by undergraduate teaching assistants in physiology and biophysics education during the COVID-19 pandemic. American Journal of Physiology - Advances in Physiology Education, 2022, 46, 351-357.	1.6	3
60	Maturation of newborn neurons predicts social memory persistence in mice. Neuropharmacology, 2020, 171, 108102.	4.1	2
61	In silico Investigation of the Effects of Distinct Temporal Patterns of Electrical Stimulation to the Amygdala Using a Network of Izhikevich Neurons. Communications in Computer and Information Science, 2022, , 132-152.	0.5	1
62	Association Between Fast and Slow Learning and Molecular Processes in Repetitive Practice: A Post Hoc Analysis. Communications in Computer and Information Science, 2019, , 91-103.	0.5	0