

Grace Schenatto Pereira

List of Publications by Year in descending order

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62
papers

1,932
citations

257101

24
h-index

264894

42
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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. <i>Neuron</i> , 2006, 51, 601-612.	3.8	208
2	Changes in synaptosomal ectonucleotidase activities in two rat models of temporal lobe epilepsy. <i>Epilepsy Research</i> , 2000, 39, 229-238.	0.8	105
3	Chronic coffee and caffeine ingestion effects on the cognitive function and antioxidant system of rat brains. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 99, 659-664.	1.3	105
4	Mechanism for long-term memory formation when synaptic strengthening is impaired. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18471-18475.	3.3	86
5	Enriched environment increases neurogenesis and improves social memory persistence in socially isolated adult mice. <i>Hippocampus</i> , 2014, 24, 239-248.	0.9	84
6	Angiotensin-(1 α -7)/Mas axis integrity is required for the expression of object recognition memory. <i>Neurobiology of Learning and Memory</i> , 2012, 97, 113-123.	1.0	74
7	Behavioral and cognitive profile of mice with high and low exploratory phenotypes. <i>Behavioural Brain Research</i> , 2005, 162, 272-278.	1.2	73
8	Metabotropic glutamate receptor 5 positive allosteric modulators are neuroprotective in a mouse model of Huntington's disease. <i>British Journal of Pharmacology</i> , 2013, 169, 909-921.	2.7	61
9	Activation of adenosine receptors in the posterior cingulate cortex impairs memory retrieval in the rat. <i>Neurobiology of Learning and Memory</i> , 2005, 83, 217-223.	1.0	58
10	A role for the endocannabinoid system in exercise-induced spatial memory enhancement in mice. <i>Hippocampus</i> , 2014, 24, 79-88.	0.9	58
11	Reduced expression of the vesicular acetylcholine transporter causes learning deficits in mice. <i>Genes, Brain and Behavior</i> , 2009, 8, 23-35.	1.1	53
12	Estradiol enhances object recognition memory in Swiss female mice by activating hippocampal estrogen receptor α . <i>Neurobiology of Learning and Memory</i> , 2014, 114, 1-9.	1.0	52
13	Different time course for the memory facilitating effect of bicuculline in hippocampus, entorhinal cortex, and posterior parietal cortex of rats. <i>Neurobiology of Learning and Memory</i> , 2004, 82, 52-56.	1.0	46
14	Object recognition memory deficit and depressive-like behavior caused by chronic ovariectomy can be transiently recovered by the acute activation of hippocampal estrogen receptors. <i>Psychoneuroendocrinology</i> , 2015, 57, 14-25.	1.3	43
15	Blockade of adenosine A1 receptors in the posterior cingulate cortex facilitates memory in rats. <i>European Journal of Pharmacology</i> , 2002, 437, 151-154.	1.7	40
16	Odor-enriched environment rescues long-term social memory, but does not improve olfaction in social isolated adult mice. <i>Behavioural Brain Research</i> , 2012, 228, 440-446.	1.2	40
17	Anisomycin administered in the olfactory bulb and dorsal hippocampus impaired social recognition memory consolidation in different time-points. <i>Brain Research Bulletin</i> , 2014, 109, 151-157.	1.4	32
18	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.	2.0	32

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19	Learning-specific decrease in synaptosomal ATP diphosphohydrolase activity from hippocampus and entorhinal cortex of adult rats. <i>Brain Research</i> , 2000, 854, 253-256.	1.1	31
20	Wistar audiogenic rats display abnormal behavioral traits associated with artificial selection for seizure susceptibility. <i>Epilepsy and Behavior</i> , 2017, 71, 243-249.	0.9	31
21	Object recognition memory and temporal lobe activation after delayed estrogen replacement therapy. <i>Neurobiology of Learning and Memory</i> , 2013, 101, 19-25.	1.0	28
22	Aqueous extract of <i>Ilex paraguariensis</i> decreases nucleotide hydrolysis in rat blood serum. <i>Journal of Ethnopharmacology</i> , 2005, 97, 73-77.	2.0	27
23	The metabotropic glutamate receptor 5 role on motor behavior involves specific neural substrates. <i>Molecular Brain</i> , 2015, 8, 24.	1.3	27
24	Decreased acetylcholine release delays the consolidation of object recognition memory. <i>Behavioural Brain Research</i> , 2013, 238, 62-68.	1.2	26
25	Inhibiting constitutive neurogenesis compromises long-term social recognition memory. <i>Neurobiology of Learning and Memory</i> , 2018, 155, 92-103.	1.0	26
26	Social isolation impairs the persistence of social recognition memory by disturbing the glutamatergic tonus and the olfactory bulb-dorsal hippocampus coupling. <i>Scientific Reports</i> , 2019, 9, 473.	1.6	26
27	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.	2.5	25
28	Temporal Rearrangement of Pre-ictal PTZ Induced Spike Discharges by Low Frequency Electrical Stimulation to the Amygdaloid Complex. <i>Brain Stimulation</i> , 2014, 7, 170-178.	0.7	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. <i>Behavioural Brain Research</i> , 2002, 128, 121-127.	1.2	23
30	Swim training attenuates oxidative damage and promotes neuroprotection in cerebral cortical slices submitted to oxygen glucose deprivation. <i>Journal of Neurochemistry</i> , 2012, 123, 317-324.	2.1	23
31	c-Fos expression predicts long-term social memory retrieval in mice. <i>Behavioural Brain Research</i> , 2016, 313, 260-271.	1.2	23
32	Enhancement of endocannabinoid signaling protects against cocaine-induced neurotoxicity. <i>Toxicology and Applied Pharmacology</i> , 2015, 286, 178-187.	1.3	22
33	Ovarian Sex Hormones Modulate Compulsive, Affective and Cognitive Functions in A Non-Induced Mouse Model of Obsessive-Compulsive Disorder. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 215.	1.0	22
34	Angiotensin-(1-7)/Mas axis modulates fear memory and extinction in mice. <i>Neurobiology of Learning and Memory</i> , 2016, 127, 27-33.	1.0	20
35	Changes in cortical and hippocampal ectonucleotidase activities in mice lacking cellular prion protein. <i>Neuroscience Letters</i> , 2001, 301, 72-74.	1.0	18
36	Home-cage odors spatial cues elicit theta phase/gamma amplitude coupling between olfactory bulb and dorsal hippocampus. <i>Neuroscience</i> , 2017, 363, 97-106.	1.1	18

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37	Habituation to an open field alters ecto-nucleotidase activities in rat hippocampal synaptosomes. <i>Neuroscience Letters</i> , 2007, 413, 21-24.	1.0	17
38	Vesicular acetylcholine transporter knock-down mice show sexual dimorphism on memory. <i>Brain Research Bulletin</i> , 2011, 85, 54-57.	1.4	17
39	Malnutrition during central nervous system growth and development impairs permanently the subcortical auditory pathway. <i>Nutritional Neuroscience</i> , 2012, 15, 31-36.	1.5	16
40	Neurogenesis Inhibition Prevents Enriched Environment to Prolong and Strengthen Social Recognition Memory, But Not to Increase BDNF Expression. <i>Molecular Neurobiology</i> , 2017, 54, 3309-3316.	1.9	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. <i>Translational Psychiatry</i> , 2020, 10, 33.	2.4	15
42	Inhibitory Avoidance Task Reveals Differences in Ectonucleotidase Activities between Male and Female Rats. <i>Neurochemical Research</i> , 2004, 29, 2231-2237.	1.6	14
43	Differential effects of swimming training on neuronal calcium sensor-1 expression in rat hippocampus/cortex and in object recognition memory tasks. <i>Brain Research Bulletin</i> , 2012, 88, 385-391.	1.4	14
44	Neuroprotective effect of exercise in rat hippocampal slices submitted to <i>in vitro</i> ischemia is promoted by decrease of glutamate release and proapoptotic markers. <i>Journal of Neurochemistry</i> , 2014, 131, 65-73.	2.1	14
45	Differential regulation of CaMKII inhibitor β protein expression after exposure to a novel context and during contextual fear memory formation. <i>Genes, Brain and Behavior</i> , 2010, 9, 648-657.	1.1	12
46	ATP diphosphohydrolase in human platelets from patients with coronary arteries heart disease. <i>Platelets</i> , 2003, 14, 47-52.	1.1	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. <i>Neurochemistry International</i> , 2018, 120, 1-12.	1.9	11
48	Hippocampus and Prefrontal Cortex Modulation of Contextual Fear Memory Is Dissociated by Inhibiting De Novo Transcription During Late Consolidation. <i>Molecular Neurobiology</i> , 2019, 56, 5507-5519.	1.9	11
49	Vesicular acetylcholine transporter knock-down mice are more susceptible to pilocarpine induced status epilepticus. <i>Neuroscience Letters</i> , 2008, 436, 201-204.	1.0	10
50	Triggering Different Brain States Using Asynchronous Serial Communication to the Rat Amygdala. <i>Cerebral Cortex</i> , 2016, 26, 1866-1877.	1.6	9
51	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.	1.2	9
52	l-Dopa treatment during perinatal development leads to different behavioral alterations in female vs. male juvenile Swiss mice. <i>Pharmacology Biochemistry and Behavior</i> , 2018, 173, 1-14.	1.3	9
53	On the novel mechanisms for social memory and the emerging role of neurogenesis. <i>Brain Research Bulletin</i> , 2021, 171, 56-66.	1.4	8
54	Estradiol effect on short-term object memory under hypochoinergic condition. <i>Brain Research Bulletin</i> , 2018, 140, 411-417.	1.4	6

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55	Social interaction masking contributes to changes in the activity of the suprachiasmatic nucleus and impacts on circadian rhythms. <i>Physiology and Behavior</i> , 2021, 237, 113420.	1.0	6
56	Molecular Mechanisms Associated with the Benefits of Variable Practice in Motor Learning. <i>Journal of Motor Behavior</i> , 2020, 52, 515-526.	0.5	5
57	Early postnatal I-Dopa treatment causes behavioral alterations in female vs. male young adult Swiss mice. <i>Neuropharmacology</i> , 2020, 170, 108047.	2.0	4
58	The effect of context variability on motor learning. <i>Human Movement Science</i> , 2021, 77, 102794.	0.6	3
59	Strategies adopted by undergraduate teaching assistants in physiology and biophysics education during the COVID-19 pandemic. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2022, 46, 351-357.	0.8	3
60	Maturation of newborn neurons predicts social memory persistence in mice. <i>Neuropharmacology</i> , 2020, 171, 108102.	2.0	2
61	In silico Investigation of the Effects of Distinct Temporal Patterns of Electrical Stimulation to the Amygdala Using a Network of Izhikevich Neurons. <i>Communications in Computer and Information Science</i> , 2022, , 132-152.	0.4	1
62	Association Between Fast and Slow Learning and Molecular Processes in Repetitive Practice: A Post Hoc Analysis. <i>Communications in Computer and Information Science</i> , 2019, , 91-103.	0.4	0