

# Maria Giuseppina Pisu

## List of Publications by Year in descending order

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61  
papers

3,069  
citations

201674

27  
h-index

155660

55  
g-index

62  
all docs

62  
docs citations

62  
times ranked

3091  
citing authors

#	ARTICLE	IF	CITATIONS
1	A decrease of reelin expression as a putative vulnerability factor in schizophrenia. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 15718-15723.	7.1	714
2	Social Isolation-Induced Decreases in Both the Abundance of Neuroactive Steroids and GABA <sub>A</sub> Receptor Function in Rat Brain. Journal of Neurochemistry, 2000, 75, 732-740.	3.9	283
3	Brain Steroidogenesis Mediates Ethanol Modulation of GABAA Receptor Activity in Rat Hippocampus. Journal of Neuroscience, 2004, 24, 6521-6530.	3.6	188
4	Maternal separation attenuates the effect of adolescent social isolation on HPA axis responsiveness in adult rats. European Neuropsychopharmacology, 2014, 24, 1152-1161.	0.7	109
5	Social isolation-induced changes in the hypothalamic-pituitary-adrenal axis in the rat. Stress, 2005, 8, 259-264.	1.8	108
6	Neurosteroid secretion in panic disorder. Psychiatry Research, 2003, 118, 107-116.	3.3	107
7	Sex differences in the outcome of juvenile social isolation on HPA axis function in rats. Neuroscience, 2016, 320, 172-182.	2.3	99
8	2-Phenyl-imidazo[1,2-a]pyridine Compounds Containing Hydrophilic Groups as Potent and Selective Ligands for Peripheral Benzodiazepine Receptors: Synthesis, Binding Affinity and Electrophysiological Studies. Journal of Medicinal Chemistry, 2008, 51, 6876-6888.	6.4	90
9	Structure-Activity Relationships and Effects on Neuroactive Steroid Synthesis in a Series of 2-Phenylimidazo[1,2-a]pyridineacetamide Peripheral Benzodiazepine Receptors Ligands. Journal of Medicinal Chemistry, 2005, 48, 292-305.	6.4	72
10	Neurosteroids and neuroactive drugs in mental disorders. Life Sciences, 2004, 74, 3181-3197.	4.3	64
11	Opposite effects of short- versus long-term administration of fluoxetine on the concentrations of neuroactive steroids in rat plasma and brain. Psychopharmacology, 2001, 158, 48-54.	3.1	63
12	Social isolation-induced increase in alpha4 and delta subunit gene expression is associated with a greater efficacy of ethanol on steroidogenesis and GABAA receptor function. Journal of Neurochemistry, 2006, 98, 122-133.	3.9	59
13	Social isolation-induced increase in the sensitivity of rats to the steroidogenic effect of ethanol. Journal of Neurochemistry, 2003, 85, 257-263.	3.9	58
14	Increased Neuroactive Steroid Concentrations in Women With Bipolar Disorder or Major Depressive Disorder. Journal of Clinical Psychopharmacology, 2006, 26, 379-384.	1.4	53
15	Down-regulation of hippocampal BDNF and Arc associated with improvement in aversive spatial memory performance in socially isolated rats. Behavioural Brain Research, 2011, 222, 73-80.	2.2	53
16	Progesterone enhances ethanol-induced modulation of mesocortical dopamine neurons: antagonism by finasteride. Journal of Neurochemistry, 2002, 83, 1103-1109.	3.9	46
17	Changes in neuroactive steroid content during social isolation stress modulate GABAA receptor plasticity and function. Brain Research Reviews, 2008, 57, 520-530.	9.0	44
18	Plasma concentrations of anxiolytic neuroactive steroids in men with panic disorder. Psychiatry Research, 2005, 135, 185-190.	3.3	43

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19	Impaired glucocorticoid-mediated HPA axis negative feedback induced by juvenile social isolation in male rats. <i>Neuropharmacology</i> , 2018, 133, 242-253.	4.1	43
20	Effect of Pentylentetrazole-Induced Kindling on Acetylcholine Release in the Hippocampus of Freely Moving Rats. <i>Journal of Neurochemistry</i> , 1997, 68, 313-318.	3.9	40
21	Voluntary Ethanol Consumption Induced by Social Isolation Reverses the Increase of $\delta$ GABAA Receptor Gene Expression and Function in the Hippocampus of C57BL/6J Mice. <i>Frontiers in Neuroscience</i> , 2011, 5, 15.	2.8	39
22	Novel anellated pyrazoloquinolin-3-ones: synthesis and in vitro BZR activity. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 3531-3541.	3.0	37
23	Allopregnanolone modulation of HPA axis function in the adult rat. <i>Psychopharmacology</i> , 2014, 231, 3437-3444.	3.1	37
24	Effects of voluntary ethanol consumption on emotional state and stress responsiveness in socially isolated rats. <i>European Neuropsychopharmacology</i> , 2011, 21, 414-425.	0.7	36
25	Prevention of the stress-induced increase in the concentration of neuroactive steroids in rat brain by long-term administration of mirtazapine but not of fluoxetine. <i>Journal of Psychopharmacology</i> , 2002, 16, 133-138.	4.0	34
26	Prevention of the stress-induced increase in frontal cortical dopamine efflux of freely moving rats by long-term treatment with antidepressant drugs. <i>European Neuropsychopharmacology</i> , 2001, 11, 343-349.	0.7	31
27	Altered stress responsiveness and hypothalamic-pituitary-adrenal axis function in male rat offspring of socially isolated parents. <i>Journal of Neurochemistry</i> , 2013, 126, 493-502.	3.9	30
28	Increased expression of the neuropeptide Y receptor Y1 gene in the medial amygdala of transgenic mice induced by long-term treatment with progesterone or allopregnanolone. <i>Journal of Neurochemistry</i> , 2008, 79, 417-425.	3.9	29
29	Steroidogenesis in rat brain induced by short- and long-term administration of carbamazepine. <i>Neuropharmacology</i> , 2000, 39, 2448-2456.	4.1	27
30	Neuroactive steroid-serotonergic interaction: responses to an intravenous L-tryptophan challenge in women with premenstrual syndrome. <i>European Journal of Endocrinology</i> , 2001, 145, 25-33.	3.7	27
31	Inhibition by miltirone of up-regulation of GABAA receptor $\delta$ subunit mRNA by ethanol withdrawal in hippocampal neurons. <i>European Journal of Pharmacology</i> , 2004, 494, 83-90.	3.5	25
32	Simultaneous detection of glutamic acid decarboxylase and reelin mRNA in adult rat neurons using in situ hybridization and immunofluorescence. <i>Brain Research Protocols</i> , 1998, 3, 155-160.	1.6	22
33	Long-term treatment with antidepressant drugs reduces the sensitivity of cortical cholinergic neurons to the activating actions of stress and the anxiogenic drug FG 7142. <i>Neuropharmacology</i> , 2001, 41, 229-237.	4.1	22
34	Social isolation increases the response of peripheral benzodiazepine receptors in the rat. <i>Neurochemistry International</i> , 2004, 45, 141-148.	3.8	22
35	Increased expression of the gene for the Y 1 receptor of neuropeptide Y in the amygdala and paraventricular nucleus of Y 1 R/LacZ transgenic mice in response to restraint stress. <i>Journal of Neurochemistry</i> , 2004, 89, 1471-1478.	3.9	21
36	Low tolerance and dependence liabilities of etizolam: Molecular, functional, and pharmacological correlates. <i>European Journal of Pharmacology</i> , 2005, 519, 31-42.	3.5	21

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37	Low doses of prenatal ethanol exposure and maternal separation alter HPA axis function and ethanol consumption in adult male rats. <i>Neuropharmacology</i> , 2018, 131, 271-281.	4.1	21
38	Neuroactive steroids and GABA <sub>A</sub> receptor plasticity in the brain of the WAG/Rij rat, a model of absence epilepsy. <i>Journal of Neurochemistry</i> , 2008, 106, 2502-2514.	3.9	20
39	Cerebellar continuous theta burst stimulation reduces levodopa-induced dyskinesias and decreases serum BDNF levels. <i>Neuroscience Letters</i> , 2020, 716, 134653.	2.1	20
40	Plasma Concentrations of Anxiolytic Neurosteroids in Men with Normal Anxiety Scores: A Correlation Analysis. <i>Neuropsychobiology</i> , 2004, 50, 6-9.	1.9	18
41	Ret, GFRalpha <sup>1</sup> , GFRalpha <sup>2</sup> and GFRalpha <sup>3</sup> receptors in the human hippocampus and fascia dentata. <i>International Journal of Developmental Neuroscience</i> , 2005, 23, 425-438.	1.6	18
42	NPY <sup>Y1</sup> coexpressed with NPY <sup>Y5</sup> receptors modulate anxiety but not mild social stress response in mice. <i>Genes, Brain and Behavior</i> , 2015, 14, 534-542.	2.2	18
43	Time-restricted feeding delays the emergence of the age-associated, neoplastic-prone tissue landscape. <i>Aging</i> , 2019, 11, 3851-3863.	3.1	17
44	A rapid method for obtaining finasteride, a 5 $\alpha$ -reductase inhibitor, from commercial tablets. <i>Brain Research Protocols</i> , 2002, 9, 130-134.	1.6	14
45	Modulation of neuropeptide Y and Y <sub>1</sub> receptor expression in the amygdala by fluctuations in the brain content of neuroactive steroids during ethanol drinking discontinuation in Y <sub>1</sub> /LacZ transgenic mice. <i>Journal of Neurochemistry</i> , 2008, 104, 1043-1054.	3.9	14
46	Changes in expression of the neuropeptide Y <sub>1</sub> receptor gene in the medial amygdala of transgenic mice during pregnancy and after delivery. <i>Journal of Neurochemistry</i> , 2004, 82, 1272-1281.	3.9	12
47	Neuroactive steroids after estrogen exposure in depressed postmenopausal women treated with sertraline and asymptomatic postmenopausal women. <i>Archives of Women's Mental Health</i> , 2010, 13, 91-98.	2.6	12
48	Juvenile social isolation affects maternal care in rats: involvement of allopregnanolone. <i>Psychopharmacology</i> , 2017, 234, 2587-2596.	3.1	10
49	Valproic Acid-Hydrophilic Cyclodextrin Complexes and Valproic Acid-Solid Dispersions: Evaluation of Their Potential Pharmaceutical Use. <i>Drug Development and Industrial Pharmacy</i> , 2004, 30, 53-64.	2.0	8
50	Changes in stress-stimulated allopregnanolone levels induced by neonatal estradiol treatment are associated with enhanced dopamine release in adult female rats: reversal by progesterone administration. <i>Psychopharmacology</i> , 2017, 234, 749-760.	3.1	8
51	Combined effect of gestational stress and postpartum stress on maternal care in rats. <i>Physiology and Behavior</i> , 2018, 184, 172-178.	2.1	8
52	Neuroanatomical and Pharmacological Evidence for a Functional Interaction Between GABAergic and NPY-Y1 Transmission in the Amygdala of Y1R/LacZ Transgenic Mice. <i>Critical Reviews in Neurobiology</i> , 2004, 16, 33-42.	3.1	8
53	Binding of [3H]CB 34, a selective ligand for peripheral benzodiazepine receptors, to rat brain membranes. <i>European Journal of Pharmacology</i> , 2001, 432, 129-134.	3.5	7
54	Changes in neuroactive steroid secretion associated with CO <sub>2</sub> -induced panic attacks in normal individuals. <i>Psychoneuroendocrinology</i> , 2013, 38, 2234-2242.	2.7	7

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55	Are preconceptional stressful experiences crucial elements for the aetiology of autism spectrum disorder? Insights from an animal model. <i>Neuropharmacology</i> , 2019, 157, 107686.	4.1	7
56	Therapeutic Use of Cerebellar Intermittent Theta Burst Stimulation (iTBS) in a Sardinian Family Affected by Spinocerebellar Ataxia 38 (SCA 38). <i>Cerebellum</i> , 2022, 21, 623-631.	2.5	7
57	Chronic treatment with hormonal contraceptives alters hippocampal BDNF and histone H3 post-translational modifications but not learning and memory in female rats. <i>Hormones and Behavior</i> , 2022, 144, 105218.	2.1	7
58	Reversal of a selective decrease in hippocampal acetylcholine release, but not of the persistence of kindling, after discontinuation of long-term pentylenetetrazol administration in rats. <i>Brain Research</i> , 1997, 751, 175-179.	2.2	6
59	Failure of Chronic Treatment with Abecarnil to Induce Contingent and Noncontingent Tolerance in Pentylenetetrazol-Kindled Rats. <i>Epilepsia</i> , 1996, 37, 332-335.	5.1	4
60	Anticipation and consumption of food each increase the concentration of neuroactive steroids in rat brain and plasma. <i>Pharmacology Biochemistry and Behavior</i> , 2006, 85, 76-81.	2.9	2
61	Increased Voluntary Alcohol Consumption in Mice Lacking GABAB(1) Is Associated With Functional Changes in Hippocampal GABAA Receptors. <i>Frontiers in Behavioral Neuroscience</i> , 0, 16, .	2.0	0