

# Graziano Pinna

## List of Publications by Year in descending order

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94  
papers

5,275  
citations

94269

37  
h-index

88477

70  
g-index

95  
all docs

95  
docs citations

95  
times ranked

3910  
citing authors

#	ARTICLE	IF	CITATIONS
1	A role for deficits in GABAergic neurosteroids and their metabolites with NMDA receptor antagonist activity in the pathophysiology of posttraumatic stress disorder. <i>Journal of Neuroendocrinology</i> , 2022, 34, e13062.	1.2	14
2	Animal Model Approaches to Understanding the Neurobiology of Suicidal Behavior. <i>Neuromethods</i> , 2022, , 123-145.	0.2	2
3	Reelin has antidepressant-like effects after repeated or singular peripheral injections. <i>Neuropharmacology</i> , 2022, 211, 109043.	2.0	10
4	The novel rapid-acting neurosteroid-based antidepressant generation. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2022, 24, 100340.	0.6	2
5	Allopregnanolone in Postpartum Depression. <i>Frontiers in Global Women S Health</i> , 2022, 3, 823616.	1.1	14
6	Pleiotropic endophenotypic and phenotype effects of GABAergic neurosteroid synthesis deficiency in posttraumatic stress disorder. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2022, 25, 100359.	0.6	5
7	PPAR $\alpha$ Signaling: A Candidate Target in Psychiatric Disorder Management. <i>Biomolecules</i> , 2022, 12, 723.	1.8	7
8	Epigenetic Regulation of GABAergic Neurotransmission and Neurosteroid Biosynthesis in Alcohol Use Disorder. <i>International Journal of Neuropsychopharmacology</i> , 2021, 24, 130-141.	1.0	15
9	Sex and COVID-19: A Protective Role for Reproductive Steroids. <i>Trends in Endocrinology and Metabolism</i> , 2021, 32, 3-6.	3.1	49
10	Neurosteroids and Neurotrophic Factors: What Is Their Promise as Biomarkers for Major Depression and PTSD?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1758.	1.8	32
11	Prenatal Exposure to Bisphenols and Phthalates and Postpartum Depression: The Role of Neurosteroid Hormone Disruption. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1887-1899.	1.8	13
12	Endocannabinoids and Precision Medicine for Mood Disorders and Suicide. <i>Frontiers in Psychiatry</i> , 2021, 12, 658433.	1.3	7
13	The Role of HPA Axis and Allopregnanolone on the Neurobiology of Major Depressive Disorders and PTSD. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5495.	1.8	48
14	Acute reduction of visual acuity and visual field after Pfizer-BioNTech COVID-19 vaccine 2nd dose: a case report. <i>Inflammation Research</i> , 2021, 70, 931-933.	1.6	28
15	A case of reactivation of varicella-zoster virus after BNT162b2 vaccine second dose?. <i>Inflammation Research</i> , 2021, 70, 935-937.	1.6	19
16	PPAR $\alpha$ Hypermethylation in the Hippocampus of Mice Exposed to Social Isolation Stress Is Associated with Enhanced Neuroinflammation and Aggressive Behavior. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10678.	1.8	23
17	Neuroactive steroids and depression in early pregnancy. <i>Psychoneuroendocrinology</i> , 2021, 134, 105424.	1.3	14
18	The allopregnanolone to progesterone ratio across the menstrual cycle and in menopause. <i>Psychoneuroendocrinology</i> , 2020, 112, 104512.	1.3	24

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19	Allopregnanolone (1938–2019): A trajectory of 80 years of outstanding scientific achievements. <i>Neurobiology of Stress</i> , 2020, 13, 100246.	1.9	17
20	Higher Circulating Cortisol in the Follicular vs. Luteal Phase of the Menstrual Cycle: A Meta-Analysis. <i>Frontiers in Endocrinology</i> , 2020, 11, 311.	1.5	35
21	Associations between PTSD-Related extinction retention deficits in women and plasma steroids that modulate brain GABA <sub>A</sub> and NMDA receptor activity. <i>Neurobiology of Stress</i> , 2020, 13, 100225.	1.9	24
22	Is There a Future for PPARs in the Treatment of Neuropsychiatric Disorders?. <i>Molecules</i> , 2020, 25, 1062.	1.7	34
23	Fast-acting antidepressant-like effects of Reelin evaluated in the repeated-corticosterone chronic stress paradigm. <i>Neuropsychopharmacology</i> , 2020, 45, 1707-1716.	2.8	25
24	Allopregnanolone: From molecular pathophysiology to therapeutics. A historical perspective. <i>Neurobiology of Stress</i> , 2020, 12, 100215.	1.9	55
25	Composite contributions of cerebrospinal fluid GABAergic neurosteroids, neuropeptide Y and interleukin-6 to PTSD symptom severity in men with PTSD. <i>Neurobiology of Stress</i> , 2020, 12, 100220.	1.9	19
26	PPAR and functional foods: Rationale for natural neurosteroid-based interventions for postpartum depression. <i>Neurobiology of Stress</i> , 2020, 12, 100222.	1.9	18
27	Allopregnanolone, the Neuromodulator Turned Therapeutic Agent: Thank You, Next?. <i>Frontiers in Endocrinology</i> , 2020, 11, 236.	1.5	29
28	Animal Models of PTSD: The Socially Isolated Mouse and the Biomarker Role of Allopregnanolone. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 114.	1.0	41
29	Current understanding of fear learning and memory in humans and animal models and the value of a linguistic approach for analyzing fear learning and memory in humans. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 105, 136-177.	2.9	36
30	Stimulation of Peroxisome Proliferator-Activated Receptor- $\alpha$ by N-Palmitoylethanolamine Engages Allopregnanolone Biosynthesis to Modulate Emotional Behavior. <i>Biological Psychiatry</i> , 2019, 85, 1036-1045.	0.7	62
31	Animal models of post-traumatic stress disorder and novel treatment targets. <i>Behavioural Pharmacology</i> , 2019, 30, 130-150.	0.8	45
32	Social isolation as a promising animal model of PTSD comorbid suicide: neurosteroids and cannabinoids as possible treatment options. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 92, 243-259.	2.5	29
33	Relationships between cerebrospinal fluid GABAergic neurosteroid levels and symptom severity in men with PTSD. <i>Psychoneuroendocrinology</i> , 2019, 102, 95-104.	1.3	58
34	PTSD in women is associated with a block in conversion of progesterone to the GABAergic neurosteroids allopregnanolone and pregnanolone measured in plasma. <i>Psychoneuroendocrinology</i> , 2018, 93, 133-141.	1.3	93
35	Neuroactive Steroids and Affective Symptoms in Women Across the Weight Spectrum. <i>Neuropsychopharmacology</i> , 2018, 43, 1436-1444.	2.8	34
36	Could a blood test for PTSD and depression be on the horizon?. <i>Expert Review of Proteomics</i> , 2018, 15, 983-1006.	1.3	20

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37	Emerging Therapeutic Role of PPAR $\alpha$ in Cognition and Emotions. <i>Frontiers in Pharmacology</i> , 2018, 9, 998.	1.6	24
38	Biomarkers for PTSD at the Interface of the Endocannabinoid and Neurosteroid Axis. <i>Frontiers in Neuroscience</i> , 2018, 12, 482.	1.4	21
39	38. GABAergic Neurosteroids in Cerebrospinal Fluid are Negatively Associated With PTSD Severity in Men. <i>Biological Psychiatry</i> , 2018, 83, S15-S16.	0.7	4
40	Neuroactive steroids and PTSD treatment. <i>Neuroscience Letters</i> , 2017, 649, 156-163.	1.0	71
41	Neurosteroid biosynthesis downregulation and changes in GABA <sub>A</sub> receptor subunit composition: a biomarker axis in stress-induced cognitive and emotional impairment. <i>British Journal of Pharmacology</i> , 2017, 174, 3226-3241.	2.7	105
42	Allopregnanolone mediates the exacerbation of Tourette-like responses by acute stress in mouse models. <i>Scientific Reports</i> , 2017, 7, 3348.	1.6	25
43	Social Isolation in Early versus Late Adolescent Mice Is Associated with Persistent Behavioral Deficits That Can Be Improved by Neurosteroid-Based Treatment. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 208.	1.8	38
44	Targeting neurosteroidogenesis as therapy for PTSD. <i>Frontiers in Pharmacology</i> , 2014, 4, 166.	1.6	24
45	Ganaxolone improves behavioral deficits in a mouse model of post-traumatic stress disorder. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 256.	1.8	74
46	5 $\alpha$ -reductase type I expression is downregulated in the prefrontal cortex/Brodman's area 9 (BA9) of depressed patients. <i>Psychopharmacology</i> , 2014, 231, 3569-3580.	1.5	76
47	Upregulation of Neurosteroid Biosynthesis as a Pharmacological Strategy to Improve Behavioural Deficits in a Putative Mouse Model of Post-Traumatic Stress Disorder. <i>Journal of Neuroendocrinology</i> , 2012, 24, 102-116.	1.2	67
48	S-norfluoxetine microinfused into the basolateral amygdala increases allopregnanolone levels and reduces aggression in socially isolated mice. <i>Neuropharmacology</i> , 2011, 60, 1154-1159.	2.0	47
49	Epigenetic GABAergic targets in schizophrenia and bipolar disorder. <i>Neuropharmacology</i> , 2011, 60, 1007-1016.	2.0	192
50	Neurosteroids reduce social isolation-induced behavioral deficits: a proposed link with neurosteroid-mediated upregulation of BDNF expression. <i>Frontiers in Endocrinology</i> , 2011, 2, 73.	1.5	67
51	Intersectin 1 contributes to phenotypes in vivo. <i>NeuroReport</i> , 2011, 22, 767-772.	0.6	30
52	In a mouse model relevant for post-traumatic stress disorder, selective brain steroidogenic stimulants (SBSS) improve behavioral deficits by normalizing allopregnanolone biosynthesis. <i>Behavioural Pharmacology</i> , 2010, 21, 438-450.	0.8	66
53	Self-reported psychological distress associated with steroid therapy for HIV. <i>International Journal of STD and AIDS</i> , 2010, 21, 832-834.	0.5	2
54	Repeated anabolic androgenic steroid treatment causes antidepressant-reversible alterations of the hypothalamic-pituitary-adrenal axis, BDNF levels and behavior. <i>Neuropharmacology</i> , 2010, 58, 1078-1084.	2.0	50

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55	SSRIs act as selective brain steroidogenic stimulants (SBSSs) at low doses that are inactive on 5-HT reuptake. <i>Current Opinion in Pharmacology</i> , 2009, 9, 24-30.	1.7	139
56	Enhanced fear responses in mice treated with anabolic androgenic steroids. <i>NeuroReport</i> , 2009, 20, 617-621.	0.6	23
57	Neurosteroid Biosynthesis Regulates Sexually Dimorphic Fear and Aggressive Behavior in Mice. <i>Neurochemical Research</i> , 2008, 33, 1990-2007.	1.6	101
58	Decreased corticolimbic allopregnanolone expression during social isolation enhances contextual fear: A model relevant for posttraumatic stress disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5567-5572.	3.3	234
59	The combination of huperzine A and imidazenil is an effective strategy to prevent diisopropyl fluorophosphate toxicity in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 14169-14174.	3.3	26
60	GABA <sub>A</sub> receptor neurotransmission dysfunction in a mouse model of social isolation-induced stress: Possible insights into a non-serotonergic mechanism of action of SSRIs in mood and anxiety disorders. <i>Stress</i> , 2007, 10, 3-12.	0.8	108
61	Down-regulation of neurosteroid biosynthesis in corticolimbic circuits mediates social isolation-induced behavior in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 18736-18741.	3.3	160
62	S-adenosyl methionine and DNA methyltransferase-1 mRNA overexpression in psychosis. <i>NeuroReport</i> , 2007, 18, 57-60.	0.6	89
63	Induction of the reelin promoter by retinoic acid is mediated by Sp1. <i>Journal of Neurochemistry</i> , 2007, 103, 650-665.	2.1	39
64	Decreased Cerebrospinal Fluid Allopregnanolone Levels in Women with Posttraumatic Stress Disorder. <i>Biological Psychiatry</i> , 2006, 60, 704-713.	0.7	241
65	Neurosteroids regulate mouse aggression induced by anabolic androgenic steroids. <i>NeuroReport</i> , 2006, 17, 1537-1541.	0.6	28
66	Fluoxetine and norfluoxetine stereospecifically and selectively increase brain neurosteroid content at doses that are inactive on 5-HT reuptake. <i>Psychopharmacology</i> , 2006, 186, 362-372.	1.5	216
67	Characterization of brain neurons that express enzymes mediating neurosteroid biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14602-14607.	3.3	335
68	Imidazenil and diazepam increase locomotor activity in mice exposed to protracted social isolation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 4275-4280.	3.3	76
69	Changes in brain testosterone and allopregnanolone biosynthesis elicit aggressive behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2135-2140.	3.3	101
70	Valproate corrects the schizophrenia-like epigenetic behavioral modifications induced by methionine in mice. <i>Biological Psychiatry</i> , 2005, 57, 500-509.	0.7	243
71	Fluoxetine and norfluoxetine stereospecifically facilitate pentobarbital sedation by increasing neurosteroids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6222-6225.	3.3	69
72	Chronic intermittent ethanol (CIE) administration in rats decreases levels of neurosteroids in hippocampus, accompanied by altered behavioral responses to neurosteroids and memory function. <i>Neuropharmacology</i> , 2004, 46, 570-579.	2.0	91

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73	Brain Neurosteroids in Gender-Related Aggression Induced by Social Isolation. <i>Critical Reviews in Neurobiology</i> , 2004, 16, 75-82.	3.3	42
74	Thyroid hormones in the rat amygdala as common targets for antidepressant drugs, mood stabilizers, and sleep deprivation. <i>Biological Psychiatry</i> , 2003, 54, 1049-1059.	0.7	37
75	In socially isolated mice, the reversal of brain allopregnanolone down-regulation mediates the anti-aggressive action of fluoxetine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 2035-2040.	3.3	205
76	The socially-isolated mouse: a model to study the putative role of allopregnanolone and 5 $\alpha$ -dihydroprogesterone in psychiatric disorders. <i>Brain Research Reviews</i> , 2001, 37, 110-115.	9.1	159
77	Gene expression of receptors and enzymes involved in GABAergic and glutamatergic neurotransmission in the CNS of rats behaviourally dependent on ethanol. <i>British Journal of Pharmacology</i> , 2000, 131, 423-432.	2.7	12
78	Effects of tranylcypromine on thyroid hormone metabolism and concentrations in rat brain. <i>Neuropharmacology</i> , 2000, 39, 99-109.	2.0	5
79	Brain allopregnanolone regulates the potency of the GABA <sub>A</sub> receptor agonist muscimol. <i>Neuropharmacology</i> , 2000, 39, 440-448.	2.0	118
80	Extraction and quantification of thyroid hormones in selected regions and subcellular fractions of the rat brain. <i>Brain Research Protocols</i> , 1999, 4, 19-28.	1.7	22
81	Gene expression of glucose transporters and glycolytic enzymes in the CNS of rats behaviorally dependent on ethanol. <i>Molecular Brain Research</i> , 1999, 65, 103-111.	2.5	16
82	Permissive role of brain allopregnanolone content in the regulation of pentobarbital-induced righting reflex loss. <i>Neuropharmacology</i> , 1999, 38, 955-963.	2.0	112
83	Effects of acute administration of ethanol and the $\mu$ -opioid agonist etonitazene on thyroid hormone metabolism in rat brain. <i>Psychopharmacology</i> , 1998, 135, 63-69.	1.5	9
84	Rat Brain Type II 5 $\alpha$ -Dihydrothyronine Deiodinase Activity Is Extremely Sensitive to Stress. <i>Journal of Neurochemistry</i> , 1998, 71, 817-826.	2.1	45
85	3,3'-Dihydrothyronine Concentrations in the Sera of Patients with Nonthyroidal Illnesses and Brain Tumors and of Healthy Subjects during Acute Stress. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 3071-3077.	1.8	15
86	Tolerance to and Dependence on Alprazolam are Due to Changes in GABA <sub>A</sub> Receptor Function and Are Independent of Exposure to Experimental Set-up. <i>Restorative Neurology and Neuroscience</i> , 1998, 12, 233-237.	0.4	3
87	Elevated 3,5-Dihydrothyronine Concentrations in the Sera of Patients with Nonthyroidal Illnesses and Brain Tumors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 1535-1542.	1.8	64
88	Dopamine receptor gene expression in an animal model of 'behavioral dependence' on ethanol. <i>Molecular Brain Research</i> , 1997, 50, 221-229.	2.5	29
89	Thyroid hormone metabolism in the rat brain in an animal model of 'behavioral dependence' on ethanol. <i>Neuroscience Letters</i> , 1997, 227, 25-28.	1.0	14
90	Alprazolam dependence prevented by substituting with the $\alpha$ -carboline abecarnil. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 2719-2723.	3.3	34

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91	Effects of Lithium and Carbamazepine on Thyroid Hormone Metabolism in Rat Brain. <i>Neuropsychopharmacology</i> , 1997, 16, 25-41.	2.8	29
92	INTRAVENOUS SELF-ADMINISTRATION OF NICOTINE IN RATS. <i>Behavioural Pharmacology</i> , 1996, 7, 36.	0.8	0
93	Electrophysiological and behavioural evidence that abecarnil suppresses dependence symptoms after alprazolam withdrawal in mice. <i>Behavioural Pharmacology</i> , 1995, 6, 88.	0.8	1
94	Effects of lithium on thyroid hormone metabolism in rat brain. <i>Behavioural Pharmacology</i> , 1995, 6, 25.	0.8	0