

# Plinio Cabrera Casarotto

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,455  
citations

430754

18  
h-index

360920

35  
g-index

60  
all docs

60  
docs citations

60  
times ranked

1993  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antidepressant drugs act by directly binding to TRKB neurotrophin receptors. <i>Cell</i> , 2021, 184, 1299-1313.e19.	13.5	347
2	Cannabidiol inhibitory effect on marble-burying behaviour: involvement of CB1 receptors. <i>Behavioural Pharmacology</i> , 2010, 21, 353-358.	0.8	109
3	Opposing Roles for Cannabinoid Receptor Type-1 (CB1) and Transient Receptor Potential Vanilloid Type-1 Channel (TRPV1) on the Modulation of Panic-Like Responses in Rats. <i>Neuropsychopharmacology</i> , 2012, 37, 478-486.	2.8	97
4	Repeated paroxetine treatment reverses anhedonia induced in rats by chronic mild stress or dexamethasone. <i>European Neuropsychopharmacology</i> , 2007, 17, 735-742.	0.3	78
5	Isoflurane produces antidepressant effects and induces TrkB signaling in rodents. <i>Scientific Reports</i> , 2017, 7, 7811.	1.6	70
6	Facilitation of CB1 receptor-mediated neurotransmission decreases marble burying behavior in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 434-438.	2.5	58
7	Cannabidiol reverses the mCPP-induced increase in marble-burying behavior. <i>Fundamental and Clinical Pharmacology</i> , 2014, 28, 544-550.	1.0	51
8	Antidepressant- and anticompulsive-like effects of purinergic receptor blockade: Involvement of nitric oxide. <i>European Neuropsychopharmacology</i> , 2013, 23, 1769-1778.	0.3	50
9	Beyond good and evil: A putative continuum-sorting hypothesis for the functional role of proBDNF/BDNF-propeptide/mBDNF in antidepressant treatment. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 90, 70-83.	2.9	46
10	Interplay Between Nitric Oxide and Brain-Derived Neurotrophic Factor in Neuronal Plasticity. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 979-987.	0.8	44
11	Pharmacologically diverse antidepressants facilitate TRKB receptor activation by disrupting its interaction with the endocytic adaptor complex AP-2. <i>Journal of Biological Chemistry</i> , 2019, 294, 18150-18161.	1.6	42
12	Antidepressant-like effect of losartan involves TRKB transactivation from angiotensin receptor type 2 (AGTR2) and recruitment of FYN. <i>Neuropharmacology</i> , 2018, 135, 163-171.	2.0	39
13	Longitudinal two-photon imaging in somatosensory cortex of behaving mice reveals dendritic spine formation enhancement by subchronic administration of low-dose ketamine. <i>Scientific Reports</i> , 2018, 8, 6464.	1.6	36
14	Antidepressant and Antipsychotic Drugs Reduce Viral Infection by SARS-CoV-2 and Fluoxetine Shows Antiviral Activity Against the Novel Variants in vitro. <i>Frontiers in Pharmacology</i> , 2021, 12, 755600.	1.6	34
15	Panicolytic-like effect of BDNF in the rat dorsal periaqueductal grey matter: the role of 5-HT and GABA. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 573-582.	1.0	30
16	Chondroitinase and Antidepressants Promote Plasticity by Releasing TRKB from Dephosphorylating Control of PTP1f in Parvalbumin Neurons. <i>Journal of Neuroscience</i> , 2021, 41, 972-980.	1.7	30
17	Anti-aversive effects of the atypical antipsychotic, aripiprazole, in animal models of anxiety. <i>Journal of Psychopharmacology</i> , 2011, 25, 801-807.	2.0	27
18	Fine-tuning of defensive behaviors in the dorsal periaqueductal gray by atypical neurotransmitters. <i>Brazilian Journal of Medical and Biological Research</i> , 2012, 45, 357-365.	0.7	22

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19	Monoamine involvement in the antidepressant-like effect induced by P2 blockade. <i>Brain Research</i> , 2017, 1676, 19-27.	1.1	19
20	Anti-Inflammatory Treatment with FTY720 Starting after Onset of Symptoms Reverses Synaptic Deficits in an AD Mouse Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8957.	1.8	19
21	NMDA-NO signaling in the dorsal and ventral hippocampus time-dependently modulates the behavioral responses to forced swimming stress. <i>Behavioural Brain Research</i> , 2016, 307, 126-136.	1.2	17
22	Dual mechanism of TRKB activation by anandamide through CB1 and TRPV1 receptors. <i>PeerJ</i> , 2019, 7, e6493.	0.9	16
23	BDNF-TRKB signaling system of the dorsal periaqueductal gray matter is implicated in the panicolytic-like effect of antidepressant drugs. <i>European Neuropsychopharmacology</i> , 2015, 25, 913-922.	0.3	15
24	Cholesterol recognition motifs in the transmembrane domain of the tyrosine kinase receptor family: The case of TRKB. <i>European Journal of Neuroscience</i> , 2021, 53, 3311-3322.	1.2	15
25	Intrahippocampal injection of brain-derived neurotrophic factor increases anxiety-related, but not panic-related defensive responses. <i>Behavioural Pharmacology</i> , 2012, 23, 80-88.	0.8	14
26	The antimanic-like effect of phenytoin and carbamazepine on methylphenidate-induced hyperlocomotion: role of voltage-gated sodium channels. <i>Fundamental and Clinical Pharmacology</i> , 2013, 27, 650-655.	1.0	13
27	Urokinase plasminogen activator mediates changes in human astrocytes modeling fragile X syndrome. <i>Glia</i> , 2021, 69, 2947-2962.	2.5	12
28	Reduced P2X receptor levels are associated with antidepressant effect in the learned helplessness model. <i>PeerJ</i> , 2019, 7, e7834.	0.9	11
29	Activation of the TRKB receptor mediates the panicolytic-like effect of the NOS inhibitor aminoguanidine. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 93, 232-239.	2.5	10
30	Perineuronal Net Receptor PTP1f Regulates Retention of Memories. <i>Frontiers in Synaptic Neuroscience</i> , 2021, 13, 672475.	1.3	10
31	TrkB-ICD Fragment, Originating From BDNF Receptor Cleavage, Is Translocated to Cell Nucleus and Phosphorylates Nuclear and Axonal Proteins. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 4.	1.4	9
32	Inactivation of the GATA Cofactor ZFPM1 Results in Abnormal Development of Dorsal Raphe Serotonergic Neuron Subtypes and Increased Anxiety-Like Behavior. <i>Journal of Neuroscience</i> , 2020, 40, 8669-8682.	1.7	8
33	Role of 5-HT1A and 5-HT2C receptors of the dorsal periaqueductal gray in the anxiety- and panic-modulating effects of antidepressants in rats. <i>Behavioural Brain Research</i> , 2021, 404, 113159.	1.2	7
34	Nitric Oxide Synthase inhibition counteracts the stress-induced DNA methyltransferase 3b expression in the hippocampus of rats. <i>European Journal of Neuroscience</i> , 2022, 55, 2421-2434.	1.2	5
35	Inducible nitric oxide synthase (NOS2) knockout mice as a model of trichotillomania. <i>PeerJ</i> , 2018, 6, e4635.	0.9	5
36	Elastase-2 Knockout Mice Display Anxiogenic- and Antidepressant-Like Phenotype: Putative Role for BDNF Metabolism in Prefrontal Cortex. <i>Molecular Neurobiology</i> , 2018, 55, 7062-7071.	1.9	3

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37	Facilitation of TRKB Activation by the Angiotensin II Receptor Type-2 (AT2R) Agonist C21. Pharmaceuticals, 2021, 14, 773.	1.7	3
38	Cannabinoids and obsessive-compulsive disorder. , 2015, , 365-387.		2
39	The perception of reproducibility in a small cohort of scientists in Europe. Neuroanatomy and Behaviour, 0, 3, e20-e20.	1.5	1
40	A platform for reproducibility. Journal for Reproducibility in Neuroscience, 0, 1, 303.	0.0	1
41	E.10 - DIFFERENTIAL EFFECT OF ANANDAMIDE ON TRKB PHOSPHORYLATION IN CORTICAL AND STRIATAL CELLS. Behavioural Pharmacology, 2013, 24, e43-e44.	0.8	0