

Bartłomiej Pochwat

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

597
citations

566801

15
h-index

713013

21
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22
all docs

22
docs citations

22
times ranked

918
citing authors

#	ARTICLE	IF	CITATIONS
1	Zinc as a marker of affective disorders. <i>Pharmacological Reports</i> , 2013, 65, 1512-1518.	1.5	66
2	Antidepressant-like activity of magnesium in the chronic mild stress model in rats: alterations in the NMDA receptor subunits. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 393-405.	1.0	54
3	Antidepressant-like activity of magnesium in the olfactory bulbectomy model is associated with the AMPA/BDNF pathway. <i>Psychopharmacology</i> , 2015, 232, 355-367.	1.5	44
4	Zinc deficiency in rats is associated with up-regulation of hippocampal NMDA receptor. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 56, 254-263.	2.5	43
5	NMDA antagonists under investigation for the treatment of major depressive disorder. <i>Expert Opinion on Investigational Drugs</i> , 2014, 23, 1181-1192.	1.9	40
6	Activation of mTOR dependent signaling pathway is a necessary mechanism of antidepressant-like activity of zinc. <i>Neuropharmacology</i> , 2015, 99, 517-526.	2.0	40
7	Relationship between Zinc (Zn ²⁺) and Glutamate Receptors in the Processes Underlying Neurodegeneration. <i>Neural Plasticity</i> , 2015, 2015, 1-9.	1.0	39
8	An update on NMDA antagonists in depression. <i>Expert Review of Neurotherapeutics</i> , 2019, 19, 1055-1067.	1.4	39
9	Group II mGlu receptor antagonist LY341495 enhances the antidepressant-like effects of ketamine in the forced swim test in rats. <i>Psychopharmacology</i> , 2016, 233, 2901-2914.	1.5	37
10	Antidepressant-like activity of hyperforin and changes in BDNF and zinc levels in mice exposed to chronic unpredictable mild stress. <i>Behavioural Brain Research</i> , 2019, 372, 112045.	1.2	33
11	Involvement of extracellular signal-regulated kinase (ERK) in the short and long-lasting antidepressant-like activity of NMDA receptor antagonists (zinc and Ro 25-6981) in the forced swim test in rats. <i>Neuropharmacology</i> , 2017, 125, 333-342.	2.0	32
12	Concentration-Dependent Dual Mode of Zn Action at Serotonin 5-HT _{1A} Receptors: In Vitro and In Vivo Studies. <i>Molecular Neurobiology</i> , 2016, 53, 6869-6881.	1.9	30
13	Hyperforin Potentiates Antidepressant-Like Activity of Lanicemine in Mice. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 456.	1.4	29
14	Synthesis and biological evaluation of new derivatives of 2-substituted 4-hydroxybutanamides as GABA uptake inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 183-190.	2.6	18
15	Antidepressant-like activity of the neuropeptide Y Y ₅ receptor antagonist Lu AA33810: behavioral, molecular, and immunohistochemical evidence. <i>Psychopharmacology</i> , 2017, 234, 631-645.	1.5	16
16	The level of the zinc homeostasis regulating proteins in the brain of rats subjected to olfactory bulbectomy model of depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 72, 36-48.	2.5	14
17	Brain glutamic acid decarboxylase-67kDa alterations induced by magnesium treatment in olfactory bulbectomy and chronic mild stress models in rats. <i>Pharmacological Reports</i> , 2016, 68, 881-885.	1.5	7
18	Characterization of the Brain Penetrant Neuropeptide Y Y ₂ Receptor Antagonist SF-11. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3454-3463.	1.7	7

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19	Ketamine and Ro 25-6981 Reverse Behavioral Abnormalities in Rats Subjected to Dietary Zinc Restriction. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4791.	1.8	5
20	Ketamine - a long way from anesthetic to a prototype antidepressant: Review of potential mechanisms of action. <i>Psychiatria Polska</i> , 2021, , 1-16.	0.2	2
21	Zinc Deficiency Blunts the Effectiveness of Antidepressants in the Olfactory Bulbectomy Model of Depression in Rats. <i>Nutrients</i> , 2022, 14, 2746.	1.7	2