

Bartłomiej Pochwat

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

416
citations

14
h-index

20
g-index

22
ext. papers

533
ext. citations

4.9
avg, IF

3.46
L-index

#	Paper	IF	Citations
19	Zinc as a marker of affective disorders. <i>Pharmacological Reports</i> , 2013 , 65, 1512-8	3.9	54
18	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	5.8	42
17	Zinc deficiency in rats is associated with up-regulation of hippocampal NMDA receptor. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015 , 56, 254-63	5.5	34
16	NMDA antagonists under investigation for the treatment of major depressive disorder. <i>Expert Opinion on Investigational Drugs</i> , 2014 , 23, 1181-92	5.9	34
15	Activation of mTOR dependent signaling pathway is a necessary mechanism of antidepressant-like activity of zinc. <i>Neuropharmacology</i> , 2015 , 99, 517-26	5.5	33
14	Relationship between Zinc (Zn (2+)) and Glutamate Receptors in the Processes Underlying Neurodegeneration. <i>Neural Plasticity</i> , 2015 , 2015, 591563	3.3	30
13	Antidepressant-like activity of magnesium in the olfactory bulbectomy model is associated with the AMPA/BDNF pathway. <i>Psychopharmacology</i> , 2015 , 232, 355-67	4.7	28
12	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, 2901-14	4.7	25
11	An update on NMDA antagonists in depression. <i>Expert Review of Neurotherapeutics</i> , 2019 , 19, 1055-1067	4.3	21
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	3.4	18
9	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	5.5	18
8	Concentration-Dependent Dual Mode of Zn Action at Serotonin 5-HT1A Receptors: In Vitro and In Vivo Studies. <i>Molecular Neurobiology</i> , 2016 , 53, 6869-6881	6.2	15
7	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, 183-90	6.8	15
6	Hyperforin Potentiates Antidepressant-Like Activity of Lanicemine in Mice. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 456	6.1	15
5	Antidepressant-like activity of the neuropeptide Y Y5 receptor antagonist Lu AA33810: behavioral, molecular, and immunohistochemical evidence. <i>Psychopharmacology</i> , 2017 , 234, 631-645	4.7	14
4	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	5.5	12
3	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, 881-5	3.9	5

- 2 Characterization of the Brain Penetrant Neuropeptide Y Y2 Receptor Antagonist SF-11. *ACS Chemical Neuroscience*, **2019**, 10, 3454-3463 5.7 2
- 1 Ketamine and Ro 25-6981 Reverse Behavioral Abnormalities in Rats Subjected to Dietary Zinc Restriction. *International Journal of Molecular Sciences*, **2020**, 21, 6.3 1