Maciej KuÅ›mider

List of Publications by Year
in descending order

55 papers	973 citations	430843 18 h-index	477281 29 g-index
74 all docs	74 docs citations	74 times ranked	1535 citing authors

#	Article	IF	Citations
1	Alterations in BDNF and trkB mRNAs following acute or sensitizing cocaine treatments and withdrawal. Brain Research, 2006, 1071, 218-225.	2.2	98
2	Effect of Antidepressant Drugs in Mice Lacking the Norepinephrine Transporter. Neuropsychopharmacology, 2006, 31, 2424-2432.	5.4	64
3	Fluorescence Studies Reveal Heterodimerization of Dopamine D1 and D2 Receptors in the Plasma Membrane. Biochemistry, 2006, 45, 8751-8759.	2.5	62
4	Mesolimbic dopamine D2 receptor plasticity contributes to stress resilience in rats subjected to chronic mild stress. Psychopharmacology, 2013, 227, 583-593.	3.1	48
5	Active versus passive cocaine administration: Differences in the neuroadaptive changes in the brain dopaminergic system. Brain Research, 2007, 1157, 1-10.	2.2	44
6	The role of D1â€“D2 receptor hetero-dimerization in the mechanism of action of clozapine. European Neuropsychopharmacology, 2008, 18, 682-691.	0.7	38
7	Time-dependent miR-16 serum fluctuations together with reciprocal changes in the expression level of miR-16 in mesocortical circuit contribute to stress resilient phenotype in chronic mild stress â€“ An animal model of depression. European Neuropsychopharmacology, 2016, 26, 23-36.	0.7	37
8	Long-term exposure of rats to tramadol alters brain dopamine and Î±1-adrenoceptor function that may be related to antidepressant potency. European Journal of Pharmacology, 2004, 501, 103-110.	3.5	35
9	Reciprocal MicroRNA Expression in Mesocortical Circuit and Its Interplay with Serotonin Transporter Define Resilient Rats in the Chronic Mild Stress. Molecular Neurobiology, 2017, 54, 5741-5751.	4.0	33
10	Effect of chronic mild stress and imipramine on the proteome of the rat dentate gyrus. Journal of Neurochemistry, 2010, 113, 848-859.	3.9	28
11	Involvement of prolactin and somatostatin in depression and the mechanism of action of antidepressant drugs. Pharmacological Reports, 2013, 65, 1640-1646.	3.3	28
12	Effects of tramadol on Î±2-adrenergic receptors in the rat brain. Brain Research, 2004, 1016, 263-267.	2.2	27
13	Prolactin and its receptors in the chronic mild stress rat model of depression. Brain Research, 2014, 1555, 48-59.	2.2	27
14	Repeated Clozapine Increases the Level of Serotonin 5-HT1AR Heterodimerization with 5-HT2A or Dopamine D2 Receptors in the Mouse Cortex. Frontiers in Molecular Neuroscience, 2018, 11, 40.	2.9	27
15	Chronic mild stress alters the somatostatin receptors in the rat brain. Psychopharmacology, 2016, 233, 255-266.	3.1	26
16	Effect of clozapine on ketamine-induced deficits in attentional set shift task in mice. Psychopharmacology, 2017, 234, 2103-2112.	3.1	22
17	Expression of proopiomelanocortin, proenkephalin and prodynorphin genes in porcine theca and granulosa cells. Animal Reproduction Science, 2007, 101, 97-112.	1.5	19
18	Understanding GPCR dimerization. Methods in Cell Biology, 2019, 149, 155-178.	1.1	19

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19	Delayed effects of antidepressant drugs in rats. Behavioural Pharmacology, 2006, 17, 641-649.	1.7	18
20	Neuroadaptive changes in the rat brain GABAB receptors after withdrawal from cocaine self-administration. European Journal of Pharmacology, 2008, 599, 58-64.	3.5	18
21	Long-lasting increase in [3H]CP55,940 binding to CB1 receptors following cocaine self-administration and its withdrawal in rats. Brain Research, 2012, 1451, 34-43.	2.2	17
22	Effect of citalopram in the modified forced swim test in rats. Pharmacological Reports, 2007, 59, 785-8.	3.3	17
23	Analysis of region-specific changes in gene expression upon treatment with citalopram and desipramine reveals temporal dynamics in response to antidepressant drugs at the transcriptome level. Psychopharmacology, 2012, 223, 281-297.	3.1	15
24	Norepinephrine transporter (NET) knock-out upregulates dopamine and serotonin transporters in the mouse brain. Neurochemistry International, 2011, 59, 185-191.	3.8	14
25	Potential role of G protein-coupled receptor (GPCR) heterodimerization in neuropsychiatric disorders: A focus on depression. Pharmacological Reports, 2013, 65, 1498-1505.	3.3	14
26	Differential stress response in rats subjected to chronic mild stress is accompanied by changes in CRH-family gene expression at the pituitary level. Peptides, 2014, 61, 98-106.	2.4	14
27	Discovering the mechanisms underlying serotonin (5â€‹<scp>HT</scp>)_{2A} and 5â€‹<scp>HT</scp>_{2C} receptor regulation following nicotine withdrawal in rats. Journal of Neurochemistry, 2015, 134, 704-716.	3.9	14
28	Effects of PRI-2191â€”A low-calcemic analog of 1,25-dihydroxyvitamin D3 on the seizure-induced changes in brain gene expression and immune system activity in the rat. Brain Research, 2005, 1039, 1-13.	2.2	13
29	Alterations in gamma-aminobutyric acid(B) receptor binding in the rat brain after reinstatement of cocaine-seeking behavior. Pharmacological Reports, 2008, 60, 834-43.	3.3	13
30	Paroxetine and Low-dose Risperidone Induce Serotonin 5-HT1A and Dopamine D2 Receptor Heteromerization in the Mouse Prefrontal Cortex. Neuroscience, 2018, 377, 184-196.	2.3	12
31	Regulation of somatostatin receptor 2 in the context of antidepressant treatment response in chronic mild stress in rat. Psychopharmacology, 2018, 235, 2137-2149.	3.1	11
32	Genomic Screening of Wistar and Wistar-Kyoto Rats Exposed to Chronic Mild Stress and Deep Brain Stimulation of Prefrontal Cortex. Neuroscience, 2019, 423, 66-75.	2.3	11
33	Serum Level of miR-1 and miR-155 as Potential Biomarkers of Stress-Resilience of NET-KO and SWR/J Mice. Cells, 2020, 9, 917.	4.1	11
34	Antidepressant drugs promote the heterodimerization of the dopamine D2 and somatostatin Sst5 receptors â€“ fluorescence in vitro studies. Pharmacological Reports, 2012, 64, 1253-1258.	3.3	9
35	Basal prolactin levels in rat plasma correlates with response to antidepressant treatment in animal model of depression. Neuroscience Letters, 2017, 647, 147-152.	2.1	9
36	Antidepressants promote formation of heterocomplexes of dopamine D2 and somatostatin subtype 5 receptors in the mouse striatum. Brain Research Bulletin, 2017, 135, 92-97.	3.0	8

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37	Restraint Stress in Mice Alters Set of 25 miRNAs Which Regulate Stress- and Depression-Related mRNAs. International Journal of Molecular Sciences, 2020, 21, 9469.	4.1	8
38	Time-course of changes in key catecholaminergic receptors and trophic systems in rat brain after antidepressant administration. Neurochemistry International, 2020, 141, 104885.	3.8	8
39	Norepinephrine transporter knock-out alters expression of the genes connected with antidepressant drugs action. Brain Research, 2015, 1594, 284-292.	2.2	5
40	Clozapine administered repeatedly following pretreatment with ketamine enhances dopamine D2 receptors in the dopamine mesolimbic pathway in mice brain. Neuroscience Letters, 2019, 707, 134292.	2.1	5
41	Effect of desipramine on gene expression in the mouse frontal cortex â€“ Microarray study. Pharmacological Reports, 2015, 67, 345-348.	3.3	3
42	Effects of imipramine on cytokines panel in the rats serum during the drug treatment and discontinuation. Neurochemistry International, 2018, 113, 85-91.	3.8	3
43	Genetic variants in dopamine receptors influence on heterodimerization in the context of antipsychotic drug action. Progress in Molecular Biology and Translational Science, 2020, 169, 279-296.	1.7	3
44	Dopamine D1 and D2 Receptors in Chronic Mild Stress: Analysis of Dynamic Receptor Changes in an Animal Model of Depression Using In Situ Hybridization and Autoradiography. Neuromethods, 2015, , 355-375.	0.3	3
45	Identification of Molecular Markers of Clozapine Action in Ketamine-Induced Cognitive Impairment: A GPCR Signaling PathwayFinder Study. International Journal of Molecular Sciences, 2021, 22, 12203.	4.1	3
46	Behavioral response to imipramine under chronic mild stress corresponds with increase of mRNA encoding somatostatin receptors sst2 and sst4 expression in medial habenular nucleus. Neurochemistry International, 2018, 121, 108-113.	3.8	2
47	Intrahepatic expression of genes related to metabotropic receptors in chronic hepatitis. World Journal of Gastroenterology, 2012, 18, 4156.	3.3	2
48	P.1.a.020 Expression of calcyon gene in rat brain after stressfull behavioural procedures. European Neuropsychopharmacology, 2010, 20, S223-S224.	0.7	1
49	P.1.028 Serum levels of somatostatin-28 and its binding sites in medial habenular nucleus differentiate rats responding and non responding to chronic mild stress. European Neuropsychopharmacology, 2011, 21, S131-S132.	0.7	1
50	Life-long norepinephrine transporter (NET) knock-out leads to the increase in the NET mRNA in brain regions rich in norepinephrine terminals. European Neuropsychopharmacology, 2015, 25, 1099-1108.	0.7	1
51	Effects on brain-derived neurotrophic factor signalling of chronic mild stress, chronic risperidone and acute intracranial dopamine receptor challenges. Behavioural Pharmacology, 2018, 29, 537-542.	1.7	1
52	Pro-cognitive effect of acute imipramine administration correlates with direct interaction of BDNF with its receptor, TrkÎ². Brain Research, 2022, 1789, 147948.	2.2	1
53	P.1.29 Effect of clozapine on dopamine D1 and D2 receptors interaction in the HEK 293 cells. European Neuropsychopharmacology, 2007, 17, S25-S26.	0.7	0
54	P.1.13 Time-dependent alterations in genes expression in rat brain after administration of antidepressants â€” a gene miccroarray, RT-PCR study. European Neuropsychopharmacology, 2009, 19, S13-S13.	0.7	0

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55	Changes in the level of calcyon mRNA in the brain of rats exposed to cocaine, self-administered or received passively. European Journal of Pharmacology, 2010, 634, 33-39.	3.5	0