

# Maciej Kusmider

## List of Publications by Year in Descending Order

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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.

53  
papers

799  
citations

16  
h-index

26  
g-index

74  
ext. papers

897  
ext. citations

3.8  
avg, IF

3.5  
L-index

#	Paper	IF	Citations
53	Pro-cognitive effect of acute imipramine administration correlates with direct interaction of BDNF with its receptor, TrkB <i>Brain Research</i> , <b>2022</b> , 1789, 147948	3.7	0
52	Time-course of changes in key catecholaminergic receptors and trophic systems in rat brain after antidepressant administration. <i>Neurochemistry International</i> , <b>2020</b> , 141, 104885	4.4	3
51	Genetic variants in dopamine receptors influence on heterodimerization in the context of antipsychotic drug action. <i>Progress in Molecular Biology and Translational Science</i> , <b>2020</b> , 169, 279-296	4	1
50	Serum Level of miR-1 and miR-155 as Potential Biomarkers of Stress-Resilience of NET-KO and SWR/J Mice. <i>Cells</i> , <b>2020</b> , 9,	7.9	6
49	Restraint Stress in Mice Alters Set of 25 miRNAs Which Regulate Stress- and Depression-Related mRNAs. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5
48	Clozapine administered repeatedly following pretreatment with ketamine enhances dopamine D receptors in the dopamine mesolimbic pathway in mice brain. <i>Neuroscience Letters</i> , <b>2019</b> , 707, 134292	3.3	3
47	Genomic Screening of Wistar and Wistar-Kyoto Rats Exposed to Chronic Mild Stress and Deep Brain Stimulation of Prefrontal Cortex. <i>Neuroscience</i> , <b>2019</b> , 423, 66-75	3.9	6
46	Understanding GPCR dimerization. <i>Methods in Cell Biology</i> , <b>2019</b> , 149, 155-178	1.8	9
45	Regulation of somatostatin receptor 2 in the context of antidepressant treatment response in chronic mild stress in rat. <i>Psychopharmacology</i> , <b>2018</b> , 235, 2137-2149	4.7	8
44	Paroxetine and Low-dose Risperidone Induce Serotonin 5-HT and Dopamine D2 Receptor Heteromerization in the Mouse Prefrontal Cortex. <i>Neuroscience</i> , <b>2018</b> , 377, 184-196	3.9	9
43	Effects on brain-derived neurotrophic factor signalling of chronic mild stress, chronic risperidone and acute intracranial dopamine receptor challenges. <i>Behavioural Pharmacology</i> , <b>2018</b> , 29, 537-542	2.4	1
42	Repeated Clozapine Increases the Level of Serotonin 5-HT <sub>2</sub> Heterodimerization with 5-HT <sub>1A</sub> or Dopamine D Receptors in the Mouse Cortex. <i>Frontiers in Molecular Neuroscience</i> , <b>2018</b> , 11, 40	6.1	17
41	Effects of imipramine on cytokines panel in the rats serum during the drug treatment and discontinuation. <i>Neurochemistry International</i> , <b>2018</b> , 113, 85-91	4.4	3
40	Behavioral response to imipramine under chronic mild stress corresponds with increase of mRNA encoding somatostatin receptors sst2 and sst4 expression in medial habenular nucleus. <i>Neurochemistry International</i> , <b>2018</b> , 121, 108-113	4.4	1
39	Effect of clozapine on ketamine-induced deficits in attentional set shift task in mice. <i>Psychopharmacology</i> , <b>2017</b> , 234, 2103-2112	4.7	16
38	Basal prolactin levels in rat plasma correlates with response to antidepressant treatment in animal model of depression. <i>Neuroscience Letters</i> , <b>2017</b> , 647, 147-152	3.3	5
37	Antidepressants promote formation of heterocomplexes of dopamine D2 and somatostatin subtype 5 receptors in the mouse striatum. <i>Brain Research Bulletin</i> , <b>2017</b> , 135, 92-97	3.9	6

36	Reciprocal MicroRNA Expression in Mesocortical Circuit and Its Interplay with Serotonin Transporter Define Resilient Rats in the Chronic Mild Stress. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 5741-5751	6.2	29
35	Chronic mild stress alters the somatostatin receptors in the rat brain. <i>Psychopharmacology</i> , <b>2016</b> , 233, 255-66	4.7	22
34	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 - An animal model of depression. <i>European Neuropsychopharmacology</i> , <b>2016</b> , 26, 23-36	1.2	31
33	Norepinephrine transporter knock-out alters expression of the genes connected with antidepressant drugs action. <i>Brain Research</i> , <b>2015</b> , 1594, 284-92	3.7	4
32	Discovering the mechanisms underlying serotonin (5-HT)2A and 5-HT2C receptor regulation following nicotine withdrawal in rats. <i>Journal of Neurochemistry</i> , <b>2015</b> , 134, 704-16	6	12
31	Life-long norepinephrine transporter (NET) knock-out leads to the increase in the NET mRNA in brain regions rich in norepinephrine terminals. <i>European Neuropsychopharmacology</i> , <b>2015</b> , 25, 1099-108	1.2	0
30	Effect of desipramine on gene expression in the mouse frontal cortex - microarray study. <i>Pharmacological Reports</i> , <b>2015</b> , 67, 345-8	3.9	2
29	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. <i>Neuromethods</i> , <b>2015</b> , 355-375	9.4	3
28	Prolactin and its receptors in the chronic mild stress rat model of depression. <i>Brain Research</i> , <b>2014</b> , 1555, 48-59	3.7	23
27	Differential stress response in rats subjected to chronic mild stress is accompanied by changes in CRH-family gene expression at the pituitary level. <i>Peptides</i> , <b>2014</b> , 61, 98-106	3.8	12
26	Mesolimbic dopamine D1 receptor plasticity contributes to stress resilience in rats subjected to chronic mild stress. <i>Psychopharmacology</i> , <b>2013</b> , 227, 583-93	4.7	44
25	Involvement of prolactin and somatostatin in depression and the mechanism of action of antidepressant drugs. <i>Pharmacological Reports</i> , <b>2013</b> , 65, 1640-6	3.9	25
24	Potential role of G protein-coupled receptor (GPCR) heterodimerization in neuropsychiatric disorders: a focus on depression. <i>Pharmacological Reports</i> , <b>2013</b> , 65, 1498-505	3.9	13
23	Long-lasting increase in [ <sup>3</sup> H]CP55,940 binding to CB1 receptors following cocaine self-administration and its withdrawal in rats. <i>Brain Research</i> , <b>2012</b> , 1451, 34-43	3.7	14
22	Antidepressant drugs promote the heterodimerization of the dopamine D2 and somatostatin Sst5 receptors--fluorescence in vitro studies. <i>Pharmacological Reports</i> , <b>2012</b> , 64, 1253-8	3.9	6
21	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. <i>Psychopharmacology</i> , <b>2012</b> , 223, 281-97	4.7	12
20	Intrahepatic expression of genes related to metabotropic receptors in chronic hepatitis. <i>World Journal of Gastroenterology</i> , <b>2012</b> , 18, 4156-61	5.6	2
19	Norepinephrine transporter (NET) knock-out upregulates dopamine and serotonin transporters in the mouse brain. <i>Neurochemistry International</i> , <b>2011</b> , 59, 185-91	4.4	13

18	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. <i>European Neuropsychopharmacology</i> , <b>2011</b> , 21, S131-S132	1.2	1
17	Effect of chronic mild stress and imipramine on the proteome of the rat dentate gyrus. <i>Journal of Neurochemistry</i> , <b>2010</b> , 113, 848-59	6	27
16	P.1.a.020 Expression of calcyon gene in rat brain after stressfull behavioural procedures. <i>European Neuropsychopharmacology</i> , <b>2010</b> , 20, S223-S224	1.2	1
15	Changes in the level of calcyon mRNA in the brain of rats exposed to cocaine, self-administered or received passively. <i>European Journal of Pharmacology</i> , <b>2010</b> , 634, 33-9	5.3	
14	Neuroadaptive changes in the rat brain GABA(B) receptors after withdrawal from cocaine self-administration. <i>European Journal of Pharmacology</i> , <b>2008</b> , 599, 58-64	5.3	18
13	The role of D1-D2 receptor hetero-dimerization in the mechanism of action of clozapine. <i>European Neuropsychopharmacology</i> , <b>2008</b> , 18, 682-91	1.2	33
12	Alterations in gamma-aminobutyric acid(B) receptor binding in the rat brain after reinstatement of cocaine-seeking behavior. <i>Pharmacological Reports</i> , <b>2008</b> , 60, 834-43	3.9	13
11	Active versus passive cocaine administration: differences in the neuroadaptive changes in the brain dopaminergic system. <i>Brain Research</i> , <b>2007</b> , 1157, 1-10	3.7	34
10	Expression of proopiomelanocortin, proenkephalin and prodynorphin genes in porcine theca and granulosa cells. <i>Animal Reproduction Science</i> , <b>2007</b> , 101, 97-112	2.1	15
9	P.1.29 Effect of clozapine on dopamine D1 and D2 receptors interaction in the HEK 293 cells. <i>European Neuropsychopharmacology</i> , <b>2007</b> , 17, S25-S26	1.2	
8	Effect of citalopram in the modified forced swim test in rats. <i>Pharmacological Reports</i> , <b>2007</b> , 59, 785-8	3.9	15
7	Alterations in BDNF and trkB mRNAs following acute or sensitizing cocaine treatments and withdrawal. <i>Brain Research</i> , <b>2006</b> , 1071, 218-25	3.7	88
6	Effect of antidepressant drugs in mice lacking the norepinephrine transporter. <i>Neuropsychopharmacology</i> , <b>2006</b> , 31, 2424-32	8.7	55
5	Fluorescence studies reveal heterodimerization of dopamine D1 and D2 receptors in the plasma membrane. <i>Biochemistry</i> , <b>2006</b> , 45, 8751-9	3.2	53
4	Delayed effects of antidepressant drugs in rats. <i>Behavioural Pharmacology</i> , <b>2006</b> , 17, 641-9	2.4	14
3	Effects of PRI-2191--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. <i>Brain Research</i> , <b>2005</b> , 1039, 1-13 <sup>3.7</sup>	3.7	12
2	Long-term exposure of rats to tramadol alters brain dopamine and alpha 1-adrenoceptor function that may be related to antidepressant potency. <i>European Journal of Pharmacology</i> , <b>2004</b> , 501, 103-10	5.3	25
1	Effects of tramadol on alpha2-adrenergic receptors in the rat brain. <i>Brain Research</i> , <b>2004</b> , 1016, 263-7	3.7	25

