

# Gabriel Nowak

## List of Publications by Citations

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207  
papers

6,605  
citations

45  
h-index

68  
g-index

224  
ext. papers

7,482  
ext. citations

4.7  
avg, IF

5.74  
L-index

#	Paper	IF	Citations
207	Alterations in the N-methyl-D-aspartate (NMDA) receptor complex in the frontal cortex of suicide victims. <i>Brain Research</i> , <b>1995</b> , 675, 157-64	3.7	254
206	New drug targets in depression: inflammatory, cell-mediated immune, oxidative and nitrosative stress, mitochondrial, antioxidant, and neuroprogressive pathways. And new drug candidates--Nrf2 activators and GSK-3 inhibitors. <i>Inflammopharmacology</i> , <b>2012</b> , 20, 127-50	5.1	236
205	Mood disorders: regulation by metabotropic glutamate receptors. <i>Biochemical Pharmacology</i> , <b>2008</b> , 75, 997-1006	6	152
204	Zinc supplementation augments efficacy of imipramine in treatment resistant patients: a double blind, placebo-controlled study. <i>Journal of Affective Disorders</i> , <b>2009</b> , 118, 187-95	6.6	140
203	Antidepressant-like effects of acute and chronic treatment with zinc in forced swim test and olfactory bulbectomy model in rats. <i>Brain Research Bulletin</i> , <b>2003</b> , 61, 159-64	3.9	137
202	Antidepressant-like properties of zinc in rodent forced swim test. <i>Brain Research Bulletin</i> , <b>2001</b> , 55, 297-300	3.9	123
201	The efficacy of zinc supplementation in depression: systematic review of randomised controlled trials. <i>Journal of Affective Disorders</i> , <b>2012</b> , 136, e31-e39	6.6	117
200	The role of zinc in neurodegenerative inflammatory pathways in depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2011</b> , 35, 693-701	5.5	113
199	The involvement of serotonergic system in the antidepressant effect of zinc in the forced swim test. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2009</b> , 33, 323-9	5.5	102
198	Effect of zinc supplementation on antidepressant therapy in unipolar depression: a preliminary placebo-controlled study. <i>Polish Journal of Pharmacology</i> , <b>2003</b> , 55, 1143-7		99
197	Antidepressant-like activity of zinc: further behavioral and molecular evidence. <i>Journal of Neural Transmission</i> , <b>2008</b> , 115, 1621-8	4.3	95
196	Antidepressant activity of zinc and magnesium in view of the current hypotheses of antidepressant action. <i>Pharmacological Reports</i> , <b>2008</b> , 60, 588-9	3.9	93
195	Zinc and depression. An update. <i>Pharmacological Reports</i> , <b>2005</b> , 57, 713-8	3.9	92
194	Biological consequences of zinc deficiency in the pathomechanisms of selected diseases. <i>Journal of Biological Inorganic Chemistry</i> , <b>2014</b> , 19, 1069-79	3.7	88
193	Serum zinc level in depressed patients during zinc supplementation of imipramine treatment. <i>Journal of Affective Disorders</i> , <b>2010</b> , 126, 447-52	6.6	86
192	Antidepressant- and anxiolytic-like activity of magnesium in mice. <i>Pharmacology Biochemistry and Behavior</i> , <b>2004</b> , 78, 7-12	3.9	84
191	Essential elements in depression and anxiety. Part I. <i>Pharmacological Reports</i> , <b>2014</b> , 66, 534-44	3.9	80

190	Adaptation of the NMDA receptor in rat cortex following chronic electroconvulsive shock or imipramine. <i>European Journal of Pharmacology</i> , <b>1993</b> , 247, 305-11		80
189	Anxiolytic-like effects of MTEP, a potent and selective mGlu5 receptor agonist does not involve GABA(A) signaling. <i>Neuropharmacology</i> , <b>2004</b> , 47, 342-50	5.5	79
188	Oxidative stress markers in affective disorders. <i>Pharmacological Reports</i> , <b>2013</b> , 65, 1558-71	3.9	78
187	The involvement of NMDA and AMPA receptors in the mechanism of antidepressant-like action of zinc in the forced swim test. <i>Amino Acids</i> , <b>2010</b> , 39, 205-17	3.5	68
186	Lack of persistent effects of ketamine in rodent models of depression. <i>Psychopharmacology</i> , <b>2008</b> , 198, 421-30	4.7	66
185	Antidepressant drugs given repeatedly increase binding to alpha 1-adrenoceptors in the rat cortex. <i>European Journal of Pharmacology</i> , <b>1985</b> , 119, 113-6	5.3	66
184	GABAergic hypotheses of anxiety and depression: focus on GABA-B receptors. <i>Drugs of Today</i> , <b>2005</b> , 41, 755-66	2.5	66
183	Alterations in serum and brain trace element levels after antidepressant treatment: part I. Zinc. <i>Biological Trace Element Research</i> , <b>1999</b> , 67, 85-92	4.5	63
182	NMDA/glutamate mechanism of antidepressant-like action of magnesium in forced swim test in mice. <i>Pharmacology Biochemistry and Behavior</i> , <b>2007</b> , 88, 158-64	3.9	62
181	Down-regulation of cortical beta-adrenoceptors by chronic treatment with functional NMDA antagonists. <i>Psychopharmacology</i> , <b>1992</b> , 106, 285-7	4.7	61
180	Antidepressant and antipsychotic activity of new quinoline- and isoquinoline-sulfonamide analogs of aripiprazole targeting serotonin 5-HT <sub>2A</sub> /5-HT <sub>2B</sub> /5-HT <sub>2C</sub> and dopamine D <sub>2</sub> /D <sub>3</sub> receptors. <i>European Journal of Medicinal Chemistry</i> , <b>2013</b> , 60, 42-50	6.8	59
179	The influence of the route of administration of gold nanoparticles on their tissue distribution and basic biochemical parameters: In vivo studies. <i>Pharmacological Reports</i> , <b>2015</b> , 67, 405-9	3.9	59
178	Zinc deficiency induces behavioral alterations in the tail suspension test in mice. Effect of antidepressants. <i>Pharmacological Reports</i> , <b>2012</b> , 64, 249-55	3.9	59
177	Zinc treatment induces cortical brain-derived neurotrophic factor gene expression. <i>European Journal of Pharmacology</i> , <b>2004</b> , 492, 57-9	5.3	57
176	Antepartum/postpartum depressive symptoms and serum zinc and magnesium levels. <i>Pharmacological Reports</i> , <b>2006</b> , 58, 571-6	3.9	57
175	Zinc as a marker of affective disorders. <i>Pharmacological Reports</i> , <b>2013</b> , 65, 1512-8	3.9	54
174	Antidepressant-like effects of ketamine, norketamine and dehydronorketamine in forced swim test: Role of activity at NMDA receptor. <i>Neuropharmacology</i> , <b>2015</b> , 99, 301-7	5.5	52
173	Magnesium in depression. <i>Pharmacological Reports</i> , <b>2013</b> , 65, 547-54	3.9	52

172	Are there differences in lipid peroxidation and immune biomarkers between major depression and bipolar disorder: Effects of melancholia, atypical depression, severity of illness, episode number, suicidal ideation and prior suicide attempts. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2018</b> , 81, 372-383	5.5	51
171	GPR39 (zinc receptor) knockout mice exhibit depression-like behavior and CREB/BDNF down-regulation in the hippocampus. <i>International Journal of Neuropsychopharmacology</i> , <b>2014</b> , 18,	5.8	51
170	Adaptation of cortical NMDA receptors by chronic treatment with specific serotonin reuptake inhibitors. <i>European Journal of Pharmacology</i> , <b>1998</b> , 342, 367-70	5.3	50
169	Characterization of the antinociceptive actions of bicipadine in models of acute, persistent, and chronic pain. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2007</b> , 321, 1208-25	4.7	49
168	Zinc, magnesium and NMDA receptor alterations in the hippocampus of suicide victims. <i>Journal of Affective Disorders</i> , <b>2013</b> , 151, 924-31	6.6	48
167	The role of the GPR39 receptor in zinc deficient-animal model of depression. <i>Behavioural Brain Research</i> , <b>2013</b> , 238, 30-5	3.4	48
166	Zinc, future mono/adjunctive therapy for depression: Mechanisms of antidepressant action. <i>Pharmacological Reports</i> , <b>2015</b> , 67, 659-62	3.9	47
165	Chronic treatment with antidepressants affects glycine/NMDA receptor function: behavioral evidence. <i>Neuropharmacology</i> , <b>2000</b> , 39, 2278-87	5.5	47
164	Adaptation of cortical but not hippocampal NMDA receptors after chronic citalopram treatment. <i>European Journal of Pharmacology</i> , <b>1996</b> , 295, 75-85	5.3	47
163	The involvement of the GPR39-Zn(2+)-sensing receptor in the pathophysiology of depression. Studies in rodent models and suicide victims. <i>Neuropharmacology</i> , <b>2014</b> , 79, 290-7	5.5	44
162	A complex interaction between glycine/NMDA receptors and serotonergic/noradrenergic antidepressants in the forced swim test in mice. <i>Journal of Neural Transmission</i> , <b>2011</b> , 118, 1535-46	4.3	44
161	Zinc-induced adaptive changes in NMDA/glutamatergic and serotonergic receptors. <i>Pharmacological Reports</i> , <b>2009</b> , 61, 1184-91	3.9	44
160	Studies on the anticonvulsant activity of 4-alkyl-1,2,4-triazole-3-thiones and their effect on GABAergic system. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 86, 690-9	6.8	43
159	Time course of zinc deprivation-induced alterations of mice behavior in the forced swim test. <i>Pharmacological Reports</i> , <b>2012</b> , 64, 567-75	3.9	43
158	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> , <b>2014</b> , 17, 393-405	5.8	42
157	Investigational NMDA receptor modulators for depression. <i>Expert Opinion on Investigational Drugs</i> , <b>2012</b> , 21, 91-102	5.9	40
156	Interaction of zinc with antidepressants in the forced swimming test in mice. <i>Polish Journal of Pharmacology</i> , <b>2002</b> , 54, 681-5		40
155	Serum trace elements in animal models and human depression. Part I. Zinc <b>1999</b> , 14, 83-86		39

154	Immobility stress induces depression-like behavior in the forced swim test in mice: effect of magnesium and imipramine. <i>Pharmacological Reports</i> , <b>2006</b> , 58, 746-52	3.9	37
153	Serum trace elements in animal models and human depression: Part III. Magnesium. Relationship with copper. <i>Human Psychopharmacology</i> , <b>2000</b> , 15, 631-635	2.3	36
152	Phospholipid-protein balance in affective disorders: Analysis of human blood serum using Raman and FTIR spectroscopy. A pilot study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2016</b> , 131, 287-298	3.5	36
151	Zinc deficiency in rats is associated with up-regulation of hippocampal NMDA receptor. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2015</b> , 56, 254-63	5.5	34
150	NMDA antagonists under investigation for the treatment of major depressive disorder. <i>Expert Opinion on Investigational Drugs</i> , <b>2014</b> , 23, 1181-92	5.9	34
149	NMDA but not AMPA glutamatergic receptors are involved in the antidepressant-like activity of MTEP during the forced swim test in mice. <i>Pharmacological Reports</i> , <b>2010</b> , 62, 1186-90	3.9	34
148	The anxiolytic agent 7-(2-chloropyridin-4-yl)pyrazolo-[1,5-a]-pyrimidin-3-yl(pyridin-2-yl)methanone (DOV 51892) is more efficacious than diazepam at enhancing GABA-gated currents at alpha1 subunit-containing GABAA receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2006</b> , 319, 1244-52	4.7	34
147	Swim stress increases the potency of glycine at the N-methyl-D-aspartate receptor complex. <i>Journal of Neurochemistry</i> , <b>1995</b> , 64, 925-7	6	34
146	Enhancement of antidepressant-like activity by joint administration of imipramine and magnesium in the forced swim test: Behavioral and pharmacokinetic studies in mice. <i>Pharmacology Biochemistry and Behavior</i> , <b>2005</b> , 81, 524-9	3.9	34
145	Lipid Peroxidation and Immune Biomarkers Are Associated with Major Depression and Its Phenotypes, Including Treatment-Resistant Depression and Melancholia. <i>Neurotoxicity Research</i> , <b>2018</b> , 33, 448-460	4.3	34
144	Effects of acute and chronic treatment with magnesium in the forced swim test in rats. <i>Pharmacological Reports</i> , <b>2005</b> , 57, 654-8	3.9	34
143	Activation of mTOR dependent signaling pathway is a necessary mechanism of antidepressant-like activity of zinc. <i>Neuropharmacology</i> , <b>2015</b> , 99, 517-26	5.5	33
142	Zinc in the Monoaminergic Theory of Depression: Its Relationship to Neural Plasticity. <i>Neural Plasticity</i> , <b>2017</b> , 2017, 3682752	3.3	33
141	Chronic unpredictable stress-induced reduction in the hippocampal brain-derived neurotrophic factor (BDNF) gene expression is antagonized by zinc treatment. <i>Pharmacological Reports</i> , <b>2011</b> , 63, 537-43	3.9	33
140	Synthesis and pharmacological evaluation of new 5-(cyclo)alkyl-5-phenyl- and 5-spiroimidazolidine-2,4-dione derivatives. Novel 5-HT1A receptor agonist with potential antidepressant and anxiolytic activity. <i>European Journal of Medicinal Chemistry</i> , <b>2010</b> , 45, 1295-303	6.8	33
139	Effect of MPEP treatment on brain-derived neurotrophic factor gene expression. <i>Pharmacological Reports</i> , <b>2006</b> , 58, 427-30	3.9	33
138	GPR39 Zn(2+)-sensing receptor: a new target in antidepressant development?. <i>Journal of Affective Disorders</i> , <b>2015</b> , 174, 89-100	6.6	32
137	Pharmacological profile of the "triple" monoamine neurotransmitter uptake inhibitor, DOV 102,677. <i>Cellular and Molecular Neurobiology</i> , <b>2006</b> , 26, 857-73	4.6	31

136	Toward Omics-Based, Systems Biomedicine, and Path and Drug Discovery Methodologies for Depression-Inflammation Research. <i>Molecular Neurobiology</i> , <b>2016</b> , 53, 2927-2935	6.2	30
135	Relationship between Zinc (Zn (2+)) and Glutamate Receptors in the Processes Underlying Neurodegeneration. <i>Neural Plasticity</i> , <b>2015</b> , 2015, 591563	3.3	30
134	NMDA and AMPA receptors are involved in the antidepressant-like activity of tianeptine in the forced swim test in mice. <i>Pharmacological Reports</i> , <b>2011</b> , 63, 1526-32	3.9	30
133	Development of the 1,2,4-triazole-based anticonvulsant drug candidates acting on the voltage-gated sodium channels. Insights from in-vivo, in-vitro, and in-silico studies. <i>European Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 129, 42-57	5.1	30
132	Activation of the NMDA/glutamate receptor complex antagonizes the NMDA antagonist-induced antidepressant-like effects in the forced swim test. <i>Pharmacological Reports</i> , <b>2007</b> , 59, 595-600	3.9	30
131	GPR39 up-regulation after selective antidepressants. <i>Neurochemistry International</i> , <b>2013</b> , 62, 936-9	4.4	29
130	Studies on the anticonvulsant activity and influence on GABA-ergic neurotransmission of 1,2,4-triazole-3-thione-based compounds. <i>Molecules</i> , <b>2014</b> , 19, 11279-99	4.8	29
129	Antidepressant-like activity of magnesium in the olfactory bulbectomy model is associated with the AMPA/BDNF pathway. <i>Psychopharmacology</i> , <b>2015</b> , 232, 355-67	4.7	28
128	Associations of Serum Cytokine Receptor Levels with Melancholia, Staging of Illness, Depressive and Manic Phases, and Severity of Depression in Bipolar Disorder. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 5883-5893	6.2	28
127	Antidepressant-like effect of chromium chloride in the mouse forced swim test: involvement of glutamatergic and serotonergic receptors. <i>Pharmacological Reports</i> , <b>2008</b> , 60, 991-5	3.9	28
126	Zinc signaling and epilepsy. <i>Pharmacology &amp; Therapeutics</i> , <b>2019</b> , 193, 156-177	13.9	27
125	Identification of novel serotonin transporter compounds by virtual screening. <i>Journal of Chemical Information and Modeling</i> , <b>2014</b> , 54, 933-43	6.1	27
124	Involvement of NMDA and AMPA receptors in the antidepressant-like activity of antidepressant drugs in the forced swim test. <i>Pharmacological Reports</i> , <b>2013</b> , 65, 991-7	3.9	27
123	Alterations in hippocampal calcium-binding neurons induced by stress models of depression: a preliminary assessment. <i>Pharmacological Reports</i> , <b>2010</b> , 62, 1204-10	3.9	27
122	New arylpiperazine 5-HT(1A) receptor ligands containing the pyrimido[2,1-f]purine fragment: synthesis, in vitro, and in vivo pharmacological evaluation. <i>Journal of Medicinal Chemistry</i> , <b>2004</b> , 47, 2659-66	8.3	27
121	Chronic haloperidol and clozapine administration increases the number of cortical NMDA receptors in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>1999</b> , 359, 280-7	3.4	27
120	Study of the Serum Copper Levels in Patients with Major Depressive Disorder. <i>Biological Trace Element Research</i> , <b>2016</b> , 174, 287-293	4.5	26
119	Zinc deficiency alters responsiveness to antidepressant drugs in mice. <i>Pharmacological Reports</i> , <b>2013</b> , 65, 579-92	3.9	26



118	Study of antidepressant drugs in GPR39 (zinc receptor?/?) knockout mice, showing no effect of conventional antidepressants, but effectiveness of NMDA antagonists. <i>Behavioural Brain Research</i> , <b>2015</b> , 287, 135-8	3.4	24
117	Synthesis and biological evaluation of novel pyrrolidine-2,5-dione derivatives as potential antidepressant agents. Part 1. <i>European Journal of Medicinal Chemistry</i> , <b>2013</b> , 63, 484-500	6.8	24
116	Lack of NMDA-AMPA interaction in antidepressant-like effect of CGP 37849, an antagonist of NMDA receptor, in the forced swim test. <i>Journal of Neural Transmission</i> , <b>2008</b> , 115, 1519-20	4.3	24
115	NMDA/glutamate mechanism of magnesium-induced anxiolytic-like behavior in mice. <i>Pharmacological Reports</i> , <b>2008</b> , 60, 655-63	3.9	24
114	D-serine, a selective glycine/N-methyl-D-aspartate receptor agonist, antagonizes the antidepressant-like effects of magnesium and zinc in mice. <i>Pharmacological Reports</i> , <b>2008</b> , 60, 996-1000	3.9	24
113	EEDQ, a tool for ex vivo measurement of occupancy of D-1 and D-2 dopamine receptors. <i>European Journal of Pharmacology</i> , <b>1988</b> , 153, 309-11	5.3	23
112	Anxiolytic-like activity of zinc in rodent tests. <i>Pharmacological Reports</i> , <b>2011</b> , 63, 1050-5	3.9	22
111	Different pattern of changes in calcium binding proteins immunoreactivity in the medial prefrontal cortex of rats exposed to stress models of depression. <i>Pharmacological Reports</i> , <b>2011</b> , 63, 1539-46	3.9	22
110	Thiobarbituric Acid-Reactive Substances: Markers of an Acute Episode and a Late Stage of Bipolar Disorder. <i>Neuropsychobiology</i> , <b>2016</b> , 73, 116-22	4	22
109	Lower Serum Zinc and Higher CRP Strongly Predict Prenatal Depression and Physio-somatic Symptoms, Which All Together Predict Postnatal Depressive Symptoms. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 1500-1512	6.2	21
108	An update on NMDA antagonists in depression. <i>Expert Review of Neurotherapeutics</i> , <b>2019</b> , 19, 1055-1067	4.3	21
107	Chronic treatment with zinc and antidepressants induces enhancement of presynaptic/extracellular zinc concentration in the rat prefrontal cortex. <i>Amino Acids</i> , <b>2011</b> , 40, 249-58	3.5	21
106	Mechanisms contributing to antidepressant zinc actions. <i>Polish Journal of Pharmacology</i> , <b>2002</b> , 54, 587-92		21
105	Alterations of Bio-elements, Oxidative, and Inflammatory Status in the Zinc Deficiency Model in Rats. <i>Neurotoxicity Research</i> , <b>2016</b> , 29, 143-54	4.3	20
104	The serum zinc concentration as a potential biological marker in patients with major depressive disorder. <i>Metabolic Brain Disease</i> , <b>2017</b> , 32, 97-103	3.9	20
103	Stress-induced alterations in 5-HT <sub>1A</sub> receptor transcriptional modulators NUDR and Freud-1. <i>International Journal of Neuropsychopharmacology</i> , <b>2014</b> , 17, 1763-75	5.8	20
102	Up-regulation of the GPR39 Zn <sup>2+</sup> -sensing receptor and CREB/BDNF/TrkB pathway after chronic but not acute antidepressant treatment in the frontal cortex of zinc-deficient mice. <i>Pharmacological Reports</i> , <b>2015</b> , 67, 1135-40	3.9	19
101	Effects of ifenprodil on the antidepressant-like activity of NMDA ligands in the forced swim test in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2013</b> , 46, 29-35	5.5	19

100	Effect of repeated treatment with electroconvulsive shock (ECS) on serotonin receptor density and turnover in the rat cerebral cortex. <i>Pharmacology Biochemistry and Behavior</i> , <b>1991</b> , 38, 691-4	3.9	19
99	Reduced potency of zinc to interact with NMDA receptors in hippocampal tissue of suicide victims. <i>Polish Journal of Pharmacology</i> , <b>2003</b> , 55, 455-9		19
98	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> , <b>2019</b> , 372, 112045	3.4	18
97	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> , <b>2017</b> , 125, 333-342	5.5	18
96	Increase in synaptic hippocampal zinc concentration following chronic but not acute zinc treatment in rats. <i>Brain Research</i> , <b>2006</b> , 1090, 69-75	3.7	18
95	Potential antidepressant-like properties of the TC G-1008, a GPR39 (zinc receptor) agonist. <i>Journal of Affective Disorders</i> , <b>2016</b> , 201, 179-84	6.6	18
94	Zinc transporters protein level in postmortem brain of depressed subjects and suicide victims. <i>Journal of Psychiatric Research</i> , <b>2016</b> , 83, 220-229	5.2	18
93	Comparison of the Psychopharmacological Effects of Tiletamine and Ketamine in Rodents. <i>Neurotoxicity Research</i> , <b>2017</b> , 32, 544-554	4.3	17
92	Antidepressant activity of fluoxetine in the zinc deficiency model in rats involves the NMDA receptor complex. <i>Behavioural Brain Research</i> , <b>2015</b> , 287, 323-30	3.4	17
91	Olfactory bulbectomy-induced changes in phospholipids and protein profiles in the hippocampus and prefrontal cortex of rats. A preliminary study using a FTIR spectroscopy. <i>Pharmacological Reports</i> , <b>2016</b> , 68, 521-8	3.9	17
90	Targeting zinc metalloenzymes in coronavirus disease 2019. <i>British Journal of Pharmacology</i> , <b>2020</b> , 177, 4887-4898	8.6	17
89	Novel 4-aryl-pyrido[1,2-c]pyrimidines with dual SSRI and 5-HT <sub>1A</sub> activity, part 1. <i>European Journal of Medicinal Chemistry</i> , <b>2009</b> , 44, 1710-7	6.8	16
88	Alterations in serum and brain trace element levels after antidepressant treatment. Part II. Copper. <i>Biological Trace Element Research</i> , <b>2000</b> , 73, 37-45	4.5	16
87	Ca <sup>2+</sup> antagonists effect an antidepressant-like adaptation of the NMDA receptor complex. <i>European Journal of Pharmacology</i> , <b>1993</b> , 247, 101-2		16
86	Preclinical evaluation of 1,2,4-triazole-based compounds targeting voltage-gated sodium channels (VGSCs) as promising anticonvulsant drug candidates. <i>Bioorganic Chemistry</i> , <b>2020</b> , 94, 103355	5.1	16
85	Beneficial effect of nanoparticles over standard form of zinc oxide in enhancing the anti-inflammatory activity of ketoprofen in rats. <i>Pharmacological Reports</i> , <b>2017</b> , 69, 679-682	3.9	15
84	Evaluation of anti-inflammatory and ulcerogenic potential of zinc-ibuprofen and zinc-naproxen complexes in rats. <i>Inflammopharmacology</i> , <b>2017</b> , 25, 653-663	5.1	15
83	Pregabalin for the treatment of social anxiety disorder. <i>Expert Opinion on Investigational Drugs</i> , <b>2015</b> , 24, 585-94	5.9	15



82	Concentration-Dependent Dual Mode of Zn Action at Serotonin 5-HT <sub>1A</sub> Receptors: In Vitro and In Vivo Studies. <i>Molecular Neurobiology</i> , <b>2016</b> , 53, 6869-6881	6.2	15
81	Tissue distribution of gold nanoparticles after single intravenous administration in mice. <i>Pharmacological Reports</i> , <b>2013</b> , 65, 1033-8	3.9	15
80	Biochemical and pharmacological tests for the prediction of ability of monoamine uptake blockers to inhibit the uptake of noradrenaline in-vivo: the effects of desipramine, maprotiline, femoxetine and citalopram. <i>Journal of Pharmacy and Pharmacology</i> , <b>1987</b> , 39, 1003-9	4.8	15
79	The effect of repeated treatment with brofaromine, moclobemide and deprenyl on alpha 1-adrenergic and dopaminergic receptors in the rat brain. <i>Neuroscience Letters</i> , <b>1990</b> , 108, 189-94	3.3	15
78	Hyperforin Potentiates Antidepressant-Like Activity of Lanicemine in Mice. <i>Frontiers in Molecular Neuroscience</i> , <b>2018</b> , 11, 456	6.1	15
77	Prolonged administration of antidepressant drugs leads to increased binding of [(3)H]MPEP to mGlu5 receptors. <i>Neuropharmacology</i> , <b>2014</b> , 84, 46-51	5.5	14
76	Involvement of NMDA receptor complex in the anxiolytic-like effects of chlordiazepoxide in mice. <i>Journal of Neural Transmission</i> , <b>2011</b> , 118, 857-64	4.3	14
75	Novel 4-aryl-pyrido[1,2-c]pyrimidines with dual SSRI and 5-HT <sub>1A</sub> activity: part 2. <i>European Journal of Medicinal Chemistry</i> , <b>2009</b> , 44, 4702-15	6.8	14
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