

Gabriel Nowak

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.

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	Interaction between zinc, the GPR39 zinc receptor and the serotonergic system in depression. <i>Brain Research Bulletin</i> , 2021 , 170, 146-154	3.9	4
206	Vorinostat (SAHA) May Exert Its Antidepressant-Like Effects Through the Modulation of Oxidative Stress Pathways. <i>Neurotoxicity Research</i> , 2021 , 39, 170-181	4.3	2
205	Neurotoxicity in Depression 2021 , 1-30		
204	Synthesis of Novel Pyrido[1,2-]pyrimidine Derivatives with 6-Fluoro-3-(4-piperidynyl)-1,2-benzisoxazole Moiety as Potential SSRI and 5-HT Receptor Ligands. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
203	GPCR oligomerization as a target for antidepressants: Focus on GPR39. <i>Pharmacology & Therapeutics</i> , 2021 , 225, 107842	13.9	0
202	Ketamine and Ro 25-6981 Reverse Behavioral Abnormalities in Rats Subjected to Dietary Zinc Restriction. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
201	Synthesis of new 4-butyl-arylpiperazine-3-(1H-indol-3-yl)pyrrolidine-2,5-dione derivatives and evaluation for their 5-HT and D receptor affinity and serotonin transporter inhibition. <i>Bioorganic Chemistry</i> , 2020 , 97, 103662	5.1	7
200	Preclinical evaluation of 1,2,4-triazole-based compounds targeting voltage-gated sodium channels (VGSCs) as promising anticonvulsant drug candidates. <i>Bioorganic Chemistry</i> , 2020 , 94, 103355	5.1	16
199	Analysis of Density Changes of Selected Brain Receptors After a 14-Day Supply of Chromium(III) and Evaluation of Chromium(III) Affinity to Selected Receptors and Transporters. <i>Biological Trace Element Research</i> , 2020 , 196, 359-364	4.5	1
198	Epigenetic marks and their relationship with BDNF in the brain of suicide victims. <i>PLoS ONE</i> , 2020 , 15, e0239335	3.7	8
197	Targeting zinc metalloenzymes in coronavirus disease 2019. <i>British Journal of Pharmacology</i> , 2020 , 177, 4887-4898	8.6	17
196	Imipramine Influences Body Distribution of Supplemental Zinc Which May Enhance Antidepressant Action. <i>Nutrients</i> , 2020 , 12,	6.7	3
195	Synthesis and biological evaluation of new multi-target 3-(1H-indol-3-yl)pyrrolidine-2,5-dione derivatives with potential antidepressant effect. <i>European Journal of Medicinal Chemistry</i> , 2019 , 183, 111736	6.8	10
194	Synthesis of novel pyrido[1,2-c]pyrimidine derivatives with rigidized tryptamine moiety as potential SSRI and 5-HT receptor ligands. <i>European Journal of Medicinal Chemistry</i> , 2019 , 166, 144-158	6.8	9
193	The Possibilities of Using Chromium Salts as an Agent Supporting Treatment of Polycystic Ovary Syndrome. <i>Biological Trace Element Research</i> , 2019 , 192, 91-97	4.5	3
192	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
191	Zinc signaling and epilepsy. <i>Pharmacology & Therapeutics</i> , 2019 , 193, 156-177	13.9	27

190	An update on NMDA antagonists in depression. <i>Expert Review of Neurotherapeutics</i> , 2019 , 19, 1055-1067.	4.3	21
189	Acid sphingomyelinase - a regulator of canonical transient receptor potential channel 6 (TRPC6) activity. <i>Journal of Neurochemistry</i> , 2019 , 150, 678-690	6	8
188	Synthesis of new 5,6,7,8-tetrahydropyrido[1,2-c]pyrimidine derivatives with rigidized tryptamine moiety as potential SSRI and 5-HT receptor ligands. <i>European Journal of Medicinal Chemistry</i> , 2019 , 180, 383-397	6.8	6
187	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> , 2019 , 129, 42-57	5.1	30
186	Long-lasting antidepressant-like activity of the GPR39 zinc receptor agonist TC-G 1008. <i>Journal of Affective Disorders</i> , 2019 , 245, 325-334	6.6	11
185	Allosteric Inhibition of Serotonin 5-HT Receptors by Zinc Ions. <i>Molecular Neurobiology</i> , 2018 , 55, 2897-2910	6.0	9
184	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> , 2018 , 81, 372-383	5.5	51
183	Effects of Magnesium Supplementation on Unipolar Depression: A Placebo-Controlled Study and Review of the Importance of Dosing and Magnesium Status in the Therapeutic Response. <i>Nutrients</i> , 2018 , 10,	6.7	8
182	Zinc and copper concentration do not differentiate bipolar disorder from major depressive disorder. <i>Psychiatria Polska</i> , 2018 , 52, 449-457	1.3	3
181	Lipid Peroxidation and Immune Biomarkers Are Associated with Major Depression and Its Phenotypes, Including Treatment-Resistant Depression and Melancholia. <i>Neurotoxicity Research</i> , 2018 , 33, 448-460	4.3	34
180	Differential effect of nanoparticle and standard forms of ZnO on serum zinc and magnesium levels in rats. <i>Magnesium Research</i> , 2018 , 31, 58-64	1.7	1
179	The role of magnesium and zinc in depression: similarities and differences. <i>Magnesium Research</i> , 2018 , 31, 78-89	1.7	10
178	Hyperforin Potentiates Antidepressant-Like Activity of Lanicemine in Mice. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 456	6.1	15
177	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> , 2017 , 54, 1500-1512	6.2	21
176	Beneficial effect of nanoparticles over standard form of zinc oxide in enhancing the anti-inflammatory activity of ketoprofen in rats. <i>Pharmacological Reports</i> , 2017 , 69, 679-682	3.9	15
175	Comparison of the Psychopharmacological Effects of Tiletamine and Ketamine in Rodents. <i>Neurotoxicity Research</i> , 2017 , 32, 544-554	4.3	17
174	Evaluation of anti-inflammatory and ulcerogenic potential of zinc-ibuprofen and zinc-naproxen complexes in rats. <i>Inflammopharmacology</i> , 2017 , 25, 653-663	5.1	15
173	Zinc in the Monoaminergic Theory of Depression: Its Relationship to Neural Plasticity. <i>Neural Plasticity</i> , 2017 , 2017, 3682752	3.3	33

172	Molecular mechanism of action and safety of 5-(3-chlorophenyl)-4-hexyl-2,4-dihydro-3-1,2,4-triazole-3-thione - a novel anticonvulsant drug candidate. <i>International Journal of Medical Sciences</i> , 2017 , 14, 741-749	3.7	12
171	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
170	The serum zinc concentration as a potential biological marker in patients with major depressive disorder. <i>Metabolic Brain Disease</i> , 2017 , 32, 97-103	3.9	20
169	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> , 2017 , 54, 5883-5893 ²⁸	6.2	28
168	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
167	The serum concentration of copper in bipolar disorder. <i>Psychiatria Polska</i> , 2017 , 51, 469-481	1.3	9
166	Toward Omics-Based, Systems Biomedicine, and Path and Drug Discovery Methodologies for Depression-Inflammation Research. <i>Molecular Neurobiology</i> , 2016 , 53, 2927-2935	6.2	30
165	Study of the Serum Copper Levels in Patients with Major Depressive Disorder. <i>Biological Trace Element Research</i> , 2016 , 174, 287-293	4.5	26
164	Synthesis and biological investigation of new equatorial (R)-stereoisomers of 3-aminotropane arylamides with atypical antipsychotic profile. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 3994-4007	3.4	6
163	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
162	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
161	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> , 2016 , 68, 521-8	3.9	17
160	Decreased serum zinc concentration during depressive episode in patients with bipolar disorder. <i>Journal of Affective Disorders</i> , 2016 , 190, 272-277	6.6	13
159	Alterations of Bio-elements, Oxidative, and Inflammatory Status in the Zinc Deficiency Model in Rats. <i>Neurotoxicity Research</i> , 2016 , 29, 143-54	4.3	20
158	Immune malfunction in the GPR39 zinc receptor of knockout mice: Its relationship to depressive disorder. <i>Journal of Neuroimmunology</i> , 2016 , 291, 11-7	3.5	10
157	Potential antidepressant-like properties of the TC G-1008, a GPR39 (zinc receptor) agonist. <i>Journal of Affective Disorders</i> , 2016 , 201, 179-84	6.6	18
156	Thiobarbituric Acid-Reactive Substances: Markers of an Acute Episode and a Late Stage of Bipolar Disorder. <i>Neuropsychobiology</i> , 2016 , 73, 116-22	4	22
155	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> , 2016 , 131, 287-295	3.5	36

154	Zinc transporters protein level in postmortem brain of depressed subjects and suicide victims. <i>Journal of Psychiatric Research</i> , 2016 , 83, 220-229	5.2	18
153	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
152	Antidepressant-like effects of ketamine, norketamine and dehydronorketamine in forced swim test: Role of activity at NMDA receptor. <i>Neuropharmacology</i> , 2015 , 99, 301-7	5.5	52
151	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> , 2015 , 287, 135-8	3.4	24
150	Antidepressant activity of fluoxetine in the zinc deficiency model in rats involves the NMDA receptor complex. <i>Behavioural Brain Research</i> , 2015 , 287, 323-30	3.4	17
149	Up-regulation of the GPR39 Zn ²⁺ -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> , 2015 , 67, 1135-40	3.9	19
148	Novel 4-aryl-pyrido[1,2-c]pyrimidines with dual SSRI and 5-HT(1A) activity. Part 5. <i>European Journal of Medicinal Chemistry</i> , 2015 , 98, 221-36	6.8	13
147	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
146	GPR39 Zn(2+)-sensing receptor: a new target in antidepressant development?. <i>Journal of Affective Disorders</i> , 2015 , 174, 89-100	6.6	32
145	Pregabalin for the treatment of social anxiety disorder. <i>Expert Opinion on Investigational Drugs</i> , 2015 , 24, 585-94	5.9	15
144	Novel 4-aryl-pyrido[1,2-c]pyrimidines with dual SSRI and 5-HT1A activity. Part 4. <i>European Journal of Medicinal Chemistry</i> , 2015 , 90, 21-32	6.8	12
143	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
142	Relationship between Zinc (Zn (2+)) and Glutamate Receptors in the Processes Underlying Neurodegeneration. <i>Neural Plasticity</i> , 2015 , 2015, 591563	3.3	30
141	Ergotamine and nicergoline - facts and myths. <i>Pharmacological Reports</i> , 2015 , 67, 360-3	3.9	8
140	Evaluation of the role of NMDA receptor function in antidepressant-like activity. A new study with citalopram and fluoxetine in the forced swim test in mice. <i>Pharmacological Reports</i> , 2015 , 67, 490-3	3.9	12
139	Zinc, future mono/adjunctive therapy for depression: Mechanisms of antidepressant action. <i>Pharmacological Reports</i> , 2015 , 67, 659-62	3.9	47
138	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> , 2015 , 67, 405-9	3.9	59
137	The serum concentration of magnesium as a potential state marker in patients with diagnosis of bipolar disorder. <i>Psychiatria Polska</i> , 2015 , 49, 1277-87	1.3	9

136	The serum magnesium concentration as a potential state marker in patients with unipolar affective disorder. <i>Psychiatria Polska</i> , 2015 , 49, 1265-76	1.3	6
135	The involvement of the GPR39-Zn(2+)-sensing receptor in the pathophysiology of depression. Studies in rodent models and suicide victims. <i>Neuropharmacology</i> , 2014 , 79, 290-7	5.5	44
134	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
133	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> , 2014 , 86, 690-9	6.8	43
132	Identification of novel serotonin transporter compounds by virtual screening. <i>Journal of Chemical Information and Modeling</i> , 2014 , 54, 933-43	6.1	27
131	Biological consequences of zinc deficiency in the pathomechanisms of selected diseases. <i>Journal of Biological Inorganic Chemistry</i> , 2014 , 19, 1069-79	3.7	88
130	The effects of ifenprodil on the activity of antidepressant drugs in the forced swim test in mice. <i>Pharmacological Reports</i> , 2014 , 66, 1031-6	3.9	11
129	Evaluation of anticonvulsant activity of novel pyrrolidin-2-one derivatives. <i>Pharmacological Reports</i> , 2014 , 66, 708-11	3.9	8
128	Essential elements in depression and anxiety. Part I. <i>Pharmacological Reports</i> , 2014 , 66, 534-44	3.9	80
127	7-3-Chlorophenylpiperazinyllalkyl derivatives of 8-alkoxy-purine-2,6-dione as a serotonin receptor ligands with potential antidepressant activity. <i>Pharmacological Reports</i> , 2014 , 66, 505-10	3.9	9
126	Chronic treatment with zinc hydroaspartate induces anti-inflammatory and anti-ulcerogenic activity in rats. <i>Pharmacological Reports</i> , 2014 , 66, 862-6	3.9	4
125	GPR39 (zinc receptor) knockout mice exhibit depression-like behavior and CREB/BDNF down-regulation in the hippocampus. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 18,	5.8	51
124	Studies on the anticonvulsant activity and influence on GABA-ergic neurotransmission of 1,2,4-triazole-3-thione- based compounds. <i>Molecules</i> , 2014 , 19, 11279-99	4.8	29
123	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
122	Stress-induced alterations in 5-HT _{1A} receptor transcriptional modulators NUDR and Freud-1. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 17, 1763-75	5.8	20
121	An anti-immobility effect of spermine in the forced swim test in mice. <i>Pharmacological Reports</i> , 2014 , 66, 223-7	3.9	8
120	Prolonged administration of antidepressant drugs leads to increased binding of [(3)H]MPEP to mGlu5 receptors. <i>Neuropharmacology</i> , 2014 , 84, 46-51	5.5	14
119	Role of Neurotoxicity in Depression 2014 , 1567-1593		1

118	Tissue distribution of gold nanoparticles after single intravenous administration in mice. <i>Pharmacological Reports</i> , 2013 , 65, 1033-8	3.9	15
117	Zinc deficiency alters responsiveness to antidepressant drugs in mice. <i>Pharmacological Reports</i> , 2013 , 65, 579-92	3.9	26
116	Zinc as a marker of affective disorders. <i>Pharmacological Reports</i> , 2013 , 65, 1512-8	3.9	54
115	Antidepressant and antipsychotic activity of new quinoline- and isoquinoline-sulfonamide analogs of aripiprazole targeting serotonin 5-HT _{1A} /5-HT _{2A} /5-HT _{2C} and dopamine D ₁ /D ₂ receptors. <i>European Journal of Medicinal Chemistry</i> , 2013 , 60, 42-50	6.8	59
114	Magnesium in depression. <i>Pharmacological Reports</i> , 2013 , 65, 547-54	3.9	52
113	Oxidative stress markers in affective disorders. <i>Pharmacological Reports</i> , 2013 , 65, 1558-71	3.9	78
112	GPR39 up-regulation after selective antidepressants. <i>Neurochemistry International</i> , 2013 , 62, 936-9	4.4	29
111	Involvement of NMDA and AMPA receptors in the antidepressant-like activity of antidepressant drugs in the forced swim test. <i>Pharmacological Reports</i> , 2013 , 65, 991-7	3.9	27
110	Zinc, magnesium and NMDA receptor alterations in the hippocampus of suicide victims. <i>Journal of Affective Disorders</i> , 2013 , 151, 924-31	6.6	48
109	Synthesis and biological evaluation of novel pyrrolidine-2,5-dione derivatives as potential antidepressant agents. Part 1. <i>European Journal of Medicinal Chemistry</i> , 2013 , 63, 484-500	6.8	24
108	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> , 2013 , 46, 29-35	5.5	19
107	The role of the GPR39 receptor in zinc deficient-animal model of depression. <i>Behavioural Brain Research</i> , 2013 , 238, 30-5	3.4	48
106	Synthesis, antidepressant evaluation and docking studies of long-chain alkyl nitroquipazines as serotonin transporter inhibitors. <i>Chemical Biology and Drug Design</i> , 2013 , 81, 695-706	2.9	7
105	The efficacy of zinc supplementation in depression: systematic review of randomised controlled trials. <i>Journal of Affective Disorders</i> , 2012 , 136, e31-e39	6.6	117
104	Synthesis, in vitro binding studies and docking of long-chain arylpiperazine nitroquipazine analogues, as potential serotonin transporter inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2012 , 49, 200-10	6.8	4
103	Investigational NMDA receptor modulators for depression. <i>Expert Opinion on Investigational Drugs</i> , 2012 , 21, 91-102	5.9	40
102	Serotonin transporter activity of imidazolidine-2,4-dione and imidazo[2,1-f]purine-2,4-dione derivatives in aspect of their acid-base properties. <i>Medicinal Chemistry Research</i> , 2012 , 21, 3455-3459	2.2	2
101	Zinc deficiency induces behavioral alterations in the tail suspension test in mice. Effect of antidepressants. <i>Pharmacological Reports</i> , 2012 , 64, 249-55	3.9	59

100	Time course of zinc deprivation-induced alterations of mice behavior in the forced swim test. <i>Pharmacological Reports</i> , 2012 , 64, 567-75	3.9	43
99	A bright future of researching AMPA receptor agonists for depression treatment. <i>Expert Opinion on Investigational Drugs</i> , 2012 , 21, 583-4; author reply 584-5	5.9	2
98	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> , 2012 , 20, 127-50	5.1	236
97	Anxiolytic-like activity of zinc in rodent tests. <i>Pharmacological Reports</i> , 2011 , 63, 1050-5	3.9	22
96	NMDA and AMPA receptors are involved in the antidepressant-like activity of tianeptine in the forced swim test in mice. <i>Pharmacological Reports</i> , 2011 , 63, 1526-32	3.9	30
95	Chronic unpredictable stress-induced reduction in the hippocampal brain-derived neurotrophic factor (BDNF) gene expression is antagonized by zinc treatment. <i>Pharmacological Reports</i> , 2011 , 63, 537-43	3.9	33
94	The role of zinc in neurodegenerative inflammatory pathways in depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011 , 35, 693-701	5.5	113
93	Synthesis and biological investigation of potential atypical antipsychotics with a tropane core. Part 1. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 4474-88	6.8	10
92	Involvement of NMDA receptor complex in the anxiolytic-like effects of chlordiazepoxide in mice. <i>Journal of Neural Transmission</i> , 2011 , 118, 857-64	4.3	14
91	A complex interaction between glycine/NMDA receptors and serotonergic/noradrenergic antidepressants in the forced swim test in mice. <i>Journal of Neural Transmission</i> , 2011 , 118, 1535-46	4.3	44
90	Chronic treatment with zinc and antidepressants induces enhancement of presynaptic/extracellular zinc concentration in the rat prefrontal cortex. <i>Amino Acids</i> , 2011 , 40, 249-58	3.5	21
89	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> , 2011 , 63, 1539-46	3.9	22
88	Novel 4-aryl-pyrido[1,2-c]pyrimidines with dual SSRI and 5-HT(1A) activity. part 3. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 142-9	6.8	14
87	Alterations in hippocampal calcium-binding neurons induced by stress models of depression: a preliminary assessment. <i>Pharmacological Reports</i> , 2010 , 62, 1204-10	3.9	27
86	Early lifetime zinc supplementation protects zinc-deficient diet-induced alterations. <i>Pharmacological Reports</i> , 2010 , 62, 1211-7	3.9	9
85	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> , 2010 , 62, 1186-90	3.9	34
84	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> , 2010 , 39, 205-17	3.5	68
83	Serum zinc level in depressed patients during zinc supplementation of imipramine treatment. <i>Journal of Affective Disorders</i> , 2010 , 126, 447-52	6.6	86

82	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> , 2010 , 45, 1295-303	6.8	33
81	Ionic Glutamate Modulators in Depression (Zinc, Magnesium) 2010 , 21-38		4
80	Metabotropic Approaches to Anxiety 2010 , 157-173		
79	Zinc supplementation augments efficacy of imipramine in treatment resistant patients: a double blind, placebo-controlled study. <i>Journal of Affective Disorders</i> , 2009 , 118, 187-95	6.6	140
78	Novel 4-aryl-pyrido[1,2-c]pyrimidines with dual SSRI and 5-HT1A activity: part 2. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 4702-15	6.8	14
77	Novel 4-aryl-pyrido[1,2-c]pyrimidines with dual SSRI and 5-HT1A activity, part 1. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 1710-7	6.8	16
76	Synthesis and preliminary pharmacological evaluation of imidazo[2,1-f]purine-2,4-dione derivatives. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 4288-96	6.8	12
75	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> , 2009 , 33, 323-9	5.5	102
74	Evaluation of oxidative status and depression-like responses in Brown Norway rats with acute myeloid leukemia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009 , 33, 596-604	5.5	12
73	Zinc-induced adaptive changes in NMDA/glutamatergic and serotonergic receptors. <i>Pharmacological Reports</i> , 2009 , 61, 1184-91	3.9	44
72	Mood disorders: regulation by metabotropic glutamate receptors. <i>Biochemical Pharmacology</i> , 2008 , 75, 997-1006	6	152
71	Lack of persistent effects of ketamine in rodent models of depression. <i>Psychopharmacology</i> , 2008 , 198, 421-30	4.7	66
70	Antidepressant-like activity of 8-Br-cAMP, a PKA activator, in the forced swim test. <i>Journal of Neural Transmission</i> , 2008 , 115, 829-30	4.3	9
69	Antidepressant-like activity of zinc: further behavioral and molecular evidence. <i>Journal of Neural Transmission</i> , 2008 , 115, 1621-8	4.3	95
68	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> , 2008 , 115, 1519-20	4.3	24
67	The molecular interactions of buspirone analogues with the serotonin transporter. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 9283-94	3.4	8
66	Antidepressant activity of zinc and magnesium in view of the current hypotheses of antidepressant action. <i>Pharmacological Reports</i> , 2008 , 60, 588-9	3.9	93
65	NMDA/glutamate mechanism of magnesium-induced anxiolytic-like behavior in mice. <i>Pharmacological Reports</i> , 2008 , 60, 655-63	3.9	24

64	Antidepressant-like effect of chromium chloride in the mouse forced swim test: involvement of glutamatergic and serotonergic receptors. <i>Pharmacological Reports</i> , 2008 , 60, 991-5	3.9	28
63	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> , 2008 , 60, 996-1000	3.9	24
62	NMDA/glutamate mechanism of antidepressant-like action of magnesium in forced swim test in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2007 , 88, 158-64	3.9	62
61	Characterization of the antinociceptive actions of bicifadine in models of acute, persistent, and chronic pain. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 321, 1208-25	4.7	49
60	Activation of the NMDA/glutamate receptor complex antagonizes the NMDA antagonist-induced antidepressant-like effects in the forced swim test. <i>Pharmacological Reports</i> , 2007 , 59, 595-600	3.9	30
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