

Marco A. Riva

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.

226
papers

10,374
citations

59
h-index

91
g-index

237
ext. papers

11,779
ext. citations

5.7
avg, IF

6.2
L-index

#	Paper	IF	Citations
226	Present and future antipsychotic drugs: A systematic review of the putative mechanisms of action for efficacy and a critical appraisal under a translational perspective.. <i>Pharmacological Research</i> , 2022 , 176, 106078	10.2	4
225	Behavioral phenotyping of a rat model of the BDNF Val66Met polymorphism reveals selective impairment of fear memory.. <i>Translational Psychiatry</i> , 2022 , 12, 93	8.6	2
224	Preclinical animal models of mental illnesses to translate findings from the bench to the bedside: Molecular brain mechanisms and peripheral biomarkers associated to early life stress or immune challenges.. <i>European Neuropsychopharmacology</i> , 2022 , 58, 55-79	1.2	1
223	Altered responsiveness of the antioxidant system in chronically stressed animals: modulation by chronic lurasidone treatment.. <i>Psychopharmacology</i> , 2022 , 1	4.7	0
222	High-fat diet during adulthood interacts with prenatal stress, affecting both brain inflammatory and neuroendocrine markers in male rats. <i>European Journal of Neuroscience</i> , 2021 ,	3.5	2
221	Towards Novel Treatments for Schizophrenia: Molecular and Behavioural Signatures of the Psychotropic Agent SEP-363856. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	8
220	BDNF Overexpression in the Ventral Hippocampus Promotes Antidepressant- and Anxiolytic-Like Activity in Serotonin Transporter Knockout Rats. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
219	Exposure to Prenatal Stress Is Associated With an Excitatory/Inhibitory Imbalance in Rat Prefrontal Cortex and Amygdala and an Increased Risk for Emotional Dysregulation. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 653384	5.7	5
218	Stress Modifies the Expression of Glucocorticoid-Responsive Genes by Acting at Epigenetic Levels in the Rat Prefrontal Cortex: Modulatory Activity of Lurasidone. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7
217	Depression, obesity and their comorbidity during pregnancy: effects on the offspring's mental and physical health. <i>Molecular Psychiatry</i> , 2021 , 26, 462-481	15.1	9
216	Drug repositioning for treatment-resistant depression: Hypotheses from a pharmacogenomic study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021 , 104, 110050	5.5	6
215	Alterations in Inflammatory Pathways in the rat prefrontal cortex as early biological predictors of the long-term negative consequences of exposure to stress early in life. <i>Psychoneuroendocrinology</i> , 2021 , 124, 104794	5	3
214	Behavioral and molecular effects of the antipsychotic drug blonanserin in the chronic mild stress model. <i>Pharmacological Research</i> , 2021 , 163, 105330	10.2	4
213	Identification of clinical phenotypes in schizophrenia: the role of lurasidone. <i>Therapeutic Advances in Psychopharmacology</i> , 2021 , 11, 20451253211012250	4.9	3
212	Long-lasting effects of prenatal stress on HPA axis and inflammation: A systematic review and multilevel meta-analysis in rodent studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 127, 270-283	9	6
211	Social isolation in adolescence and long-term changes in the gut microbiota composition and in the hippocampal inflammation: Implications for psychiatric disorders - Dirk Hellhammer Award Paper 2021. <i>Psychoneuroendocrinology</i> , 2021 , 133, 105416	5	1
210	Long-term effects of stress early in life on microRNA-30a and its network: Preventive effects of lurasidone and potential implications for depression vulnerability. <i>Neurobiology of Stress</i> , 2020 , 13, 100271	7.6	8

209	The Long-Term Effects of Early Life Stress on the Modulation of miR-19 Levels. <i>Frontiers in Psychiatry</i> , 2020 , 11, 389	5	5
208	Oxidation-reduction mechanisms in psychiatric disorders: A novel target for pharmacological intervention. <i>Pharmacology & Therapeutics</i> , 2020 , 210, 107520	13.9	25
207	Schizophrenia and "unmet needs": From diagnosis to care in Italy. <i>European Psychiatry</i> , 2020 , 63, e26	6	1
206	Acute Stress Induces Cognitive Improvement in the Novel Object Recognition Task by Transiently Modulating Bdnf in the Prefrontal Cortex of Male Rats. <i>Cellular and Molecular Neurobiology</i> , 2020 , 40, 1037-1047	4.6	18
205	Sex Differences in the Enduring Effects of Social Deprivation during Adolescence in Rats: Implications for Psychiatric Disorders. <i>Neuroscience</i> , 2020 , 437, 11-22	3.9	5
204	Social isolation in rats: Effects on animal welfare and molecular markers for neuroplasticity. <i>PLoS ONE</i> , 2020 , 15, e0240439	3.7	13
203	Immune activation during gestation: Developmental trajectories and the risk for psychopathology. <i>Brain, Behavior, and Immunity</i> , 2020 , 83, 5-6	16.6	
202	Vulnerable and resilient cognitive performance related to early life stress: The potential mediating role of dopaminergic receptors in the medial prefrontal cortex of adult mice. <i>International Journal of Developmental Neuroscience</i> , 2020 , 80, 13-27	2.7	2
201	Effect of lurasidone treatment on chronic mild stress-induced behavioural deficits in male rats: The potential role for glucocorticoid receptor signalling. <i>Journal of Psychopharmacology</i> , 2020 , 34, 420-428	4.6	11
200	Convergent Functional Genomics approach to prioritize molecular targets of risk in early life stress-related psychiatric disorders. <i>Brain, Behavior, & Immunity - Health</i> , 2020 , 8, 100120	5.1	2
199	Neonatal Tactile Stimulation Alters Behaviors in Heterozygous Serotonin Transporter Male Rats: Role of the Amygdala. <i>Frontiers in Behavioral Neuroscience</i> , 2020 , 14, 142	3.5	2
198	Anti-Stress Properties of Atypical Antipsychotics. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	5
197	The impact of handling technique and handling frequency on laboratory mouse welfare is sex-specific. <i>Scientific Reports</i> , 2020 , 10, 17281	4.9	6
196	The role of dopamine D receptors in the mechanism of action of cariprazine. <i>CNS Spectrums</i> , 2020 , 25, 343-351	1.8	18
195	Chronic treatment with the antipsychotic drug blonanserin modulates the responsiveness to acute stress with anatomical selectivity. <i>Psychopharmacology</i> , 2020 , 237, 1783-1793	4.7	8
194	Acute neuroinflammation elicited by TLR-3 systemic activation combined with early life stress induces working memory impairments in male adolescent mice. <i>Behavioural Brain Research</i> , 2019 , 376, 112221	3.4	7
193	Fetal glucocorticoid receptor (Nr3c1) deficiency alters the landscape of DNA methylation of murine placenta in a sex-dependent manner and is associated to anxiety-like behavior in adulthood. <i>Translational Psychiatry</i> , 2019 , 9, 23	8.6	14
192	Impaired Fear Extinction Recall in Serotonin Transporter Knockout Rats Is Transiently Alleviated during Adolescence. <i>Brain Sciences</i> , 2019 , 9,	3.4	9

191	Alterations of Glutamatergic Markers in the Prefrontal Cortex of Serotonin Transporter Knockout Rats: A Developmental Timeline. <i>Cellular and Molecular Neurobiology</i> , 2019 , 39, 715-720	4.6	9
190	Chronic vortioxetine treatment improves the responsiveness to an acute stress acting through the ventral hippocampus in a glucocorticoid-dependent way. <i>Pharmacological Research</i> , 2019 , 142, 14-21	10.2	21
189	Transcriptional Signatures of Cognitive Impairment in Rat Exposed to Prenatal Stress. <i>Molecular Neurobiology</i> , 2019 , 56, 6251-6260	6.2	10
188	Identification of a miRNAs signature associated with exposure to stress early in life and enhanced vulnerability for schizophrenia: New insights for the key role of miR-125b-1-3p in neurodevelopmental processes. <i>Schizophrenia Research</i> , 2019 , 205, 63-75	3.6	19
187	Differential Neuroinflammatory Response in Male and Female Mice: A Role for BDNF. <i>Frontiers in Molecular Neuroscience</i> , 2019 , 12, 166	6.1	10
186	From Healthy Aging to Frailty: In Search of the Underlying Mechanisms. <i>Current Medicinal Chemistry</i> , 2019 , 26, 3685-3701	4.3	16
185	Postnatal impoverished housing impairs adolescent risk-assessment and increases risk-taking: A sex-specific effect associated with histone epigenetic regulation of Crfr1 in the medial prefrontal cortex. <i>Psychoneuroendocrinology</i> , 2019 , 99, 8-19	5	12
184	FoxO1, A2M, and TGF- β : three novel genes predicting depression in gene X environment interactions are identified using cross-species and cross-tissues transcriptomic and miRNomic analyses. <i>Molecular Psychiatry</i> , 2018 , 23, 2192-2208	15.1	52
183	Blood biomarkers and treatment response in major depression. <i>Expert Review of Molecular Diagnostics</i> , 2018 , 18, 513-529	3.8	31
182	Altered expression of schizophrenia-related genes in mice lacking mGlu5 receptors. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018 , 268, 77-87	5.1	6
181	d-Cycloserine enhanced extinction of cocaine-induced conditioned place preference is attenuated in serotonin transporter knockout rats. <i>Addiction Biology</i> , 2018 , 23, 120-129	4.6	11
180	Genome-wide analysis of LPS-induced inflammatory response in the rat ventral hippocampus: Modulatory activity of the antidepressant agomelatine. <i>World Journal of Biological Psychiatry</i> , 2018 , 19, 390-401	3.8	8
179	Molecular and cellular dissection of NMDA receptor subtypes as antidepressant targets. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 84, 352-358	9	20
178	BACHD rats expressing full-length mutant huntingtin exhibit differences in social behavior compared to wild-type littermates. <i>PLoS ONE</i> , 2018 , 13, e0192289	3.7	10
177	International Union of Basic and Clinical Pharmacology CIV: The Neurobiology of Treatment-resistant Depression: From Antidepressant Classifications to Novel Pharmacological Targets. <i>Pharmacological Reviews</i> , 2018 , 70, 475-504	22.5	31
176	Chronic Stress Exposure Reduces Parvalbumin Expression in the Rat Hippocampus through an Imbalance of Redox Mechanisms: Restorative Effect of the Antipsychotic Lurasidone. <i>International Journal of Neuropsychopharmacology</i> , 2018 , 21, 883-893	5.8	25
175	Cross-species evidence from human and rat brain transcriptome for growth factor signaling pathway dysregulation in major depression. <i>Neuropsychopharmacology</i> , 2018 , 43, 2134-2145	8.7	16
174	Maternal stress during pregnancy induces depressive-like behavior only in female offspring and correlates to their hippocampal Avp and Oxt receptor expression. <i>Behavioural Brain Research</i> , 2018 , 353, 1-10	3.4	13

173	Chronic Mild Stress-Induced Alterations of Local Protein Synthesis: A Role for Cognitive Impairment. <i>ACS Chemical Neuroscience</i> , 2017 , 8, 817-825	5.7	22
172	Transcriptomic analyses and leukocyte telomere length measurement in subjects exposed to severe recent stressful life events. <i>Translational Psychiatry</i> , 2017 , 7, e1042	8.6	15
171	Upregulation of neurotrophins by S 47445, a novel positive allosteric modulator of AMPA receptors in aged rats. <i>Pharmacological Research</i> , 2017 , 121, 59-69	10.2	13
170	Cellular and molecular mechanisms of the brain-derived neurotrophic factor in physiological and pathological conditions. <i>Clinical Science</i> , 2017 , 131, 123-138	6.5	73
169	Chronic lurasidone treatment normalizes GABAergic marker alterations in the dorsal hippocampus of mice exposed to prenatal immune activation. <i>European Neuropsychopharmacology</i> , 2017 , 27, 170-179	1.2	16
168	Genome-Wide Transcriptional Profiling and Structural Magnetic Resonance Imaging in the Maternal Immune Activation Model of Neurodevelopmental Disorders. <i>Cerebral Cortex</i> , 2017 , 27, 3397-3413	5.1	39
167	Differential Effects of MGluR5 Receptor Blockade on Behavior, Schizophrenia-relevant Gene Expression and Neuronal Activation Patterns from Development to Aging Mice. <i>European Psychiatry</i> , 2017 , 41, S165-S165	6	
166	Genome-wide DNA Methylation Changes in a Mouse Model of Infection-Mediated Neurodevelopmental Disorders. <i>Biological Psychiatry</i> , 2017 , 81, 265-276	7.9	85
165	Epistatic and Independent Effects on Schizophrenia-Related Phenotypes Following Co-disruption of the Risk Factors Neuregulin-1 [DISC1]. <i>Schizophrenia Bulletin</i> , 2017 , 43, 214-225	1.3	10
164	Long-Term Sex-Dependent Vulnerability to Metabolic challenges in Prenatally Stressed Rats. <i>Frontiers in Behavioral Neuroscience</i> , 2017 , 11, 113	3.5	25
163	Morc1 knockout evokes a depression-like phenotype in mice. <i>Behavioural Brain Research</i> , 2016 , 296, 7-14	3.4	18
162	Stress-induced mechanisms in mental illness: A role for glucocorticoid signalling. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016 , 160, 169-74	5.1	64
161	The human BDNF gene: peripheral gene expression and protein levels as biomarkers for psychiatric disorders. <i>Translational Psychiatry</i> , 2016 , 6, e958	8.6	105
160	MicroRNAs and psychiatric disorders: From aetiology to treatment. <i>Pharmacology & Therapeutics</i> , 2016 , 167, 13-27	13.9	33
159	Ankyrin-3 as a molecular marker of early-life stress and vulnerability to psychiatric disorders. <i>Translational Psychiatry</i> , 2016 , 6, e943	8.6	21
158	Absolute Measurements of Macrophage Migration Inhibitory Factor and Interleukin-1 mRNA Levels Accurately Predict Treatment Response in Depressed Patients. <i>International Journal of Neuropsychopharmacology</i> , 2016 , 19,	5.8	77
157	Chronic mild stress-induced alterations of clock gene expression in rat prefrontal cortex: modulatory effects of prolonged lurasidone treatment. <i>Pharmacological Research</i> , 2016 , 104, 140-50	10.2	24
156	Sex-Specific Effects of Prenatal Stress on Bdnf Expression in Response to an Acute Challenge in Rats: a Role for Gadd45. <i>Molecular Neurobiology</i> , 2016 , 53, 7037-7047	6.2	23

155	BDNF rs6265 methylation and genotype interact on risk for schizophrenia. <i>Epigenetics</i> , 2016 , 11, 11-23	5.7	40
154	Stress-induced anhedonia is associated with the activation of the inflammatory system in the rat brain: Restorative effect of pharmacological intervention. <i>Pharmacological Research</i> , 2016 , 103, 1-12	10.2	56
153	Daily exposure to a touchscreen-paradigm and associated food restriction evokes an increase in adrenocortical and neural activity in mice. <i>Hormones and Behavior</i> , 2016 , 81, 97-105	3.7	20
152	Preventive effects of minocycline in a neurodevelopmental two-hit model with relevance to schizophrenia. <i>Translational Psychiatry</i> , 2016 , 6, e772	8.6	75
151	Transcriptomics in Interferon- β -Treated Patients Identifies Inflammation-, Neuroplasticity- and Oxidative Stress-Related Signatures as Predictors and Correlates of Depression. <i>Neuropsychopharmacology</i> , 2016 , 41, 2502-11	8.7	39
150	Synaptic alterations associated with depression and schizophrenia: potential as a therapeutic target. <i>Expert Opinion on Therapeutic Targets</i> , 2016 , 20, 1195-207	6.4	22
149	Systemic Delivery of a Brain-Penetrant TrkB Antagonist Reduces Cocaine Self-Administration and Normalizes TrkB Signaling in the Nucleus Accumbens and Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2016 , 36, 8149-59	6.6	27
148	Decreased Bdnf expression and reduced social behavior in periadolescent rats following prenatal stress. <i>Developmental Psychobiology</i> , 2015 , 57, 365-73	3	31
147	Olive oil-enriched diet reduces brain oxidative damages and ameliorates neurotrophic factor gene expression in different life stages of rats. <i>Journal of Nutritional Biochemistry</i> , 2015 , 26, 1200-7	6.3	15
146	Exposure to early life stress regulates Bdnf expression in SERT mutant rats in an anatomically selective fashion. <i>Journal of Neurochemistry</i> , 2015 , 132, 146-54	6	31
145	Behavioral effects of the benzodiazepine-positive allosteric modulator SH-053-278-S-CH β in an immune-mediated neurodevelopmental disruption model. <i>International Journal of Neuropsychopharmacology</i> , 2015 , 18,	5.8	23
144	Late prenatal immune activation causes hippocampal deficits in the absence of persistent inflammation across aging. <i>Journal of Neuroinflammation</i> , 2015 , 12, 221	10.1	66
143	Aripiprazole: from pharmacological profile to clinical use. <i>Neuropsychiatric Disease and Treatment</i> , 2015 , 11, 2635-47	3.1	37
142	Gene-environment interaction in major depression: focus on experience-dependent biological systems. <i>Frontiers in Psychiatry</i> , 2015 , 6, 68	5	82
141	Inflammation and neuronal plasticity: a link between childhood trauma and depression pathogenesis. <i>Frontiers in Cellular Neuroscience</i> , 2015 , 9, 40	6.1	83
140	Lurasidone exerts antidepressant properties in the chronic mild stress model through the regulation of synaptic and neuroplastic mechanisms in the rat prefrontal cortex. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 18,	5.8	40
139	Delayed BDNF alterations in the prefrontal cortex of rats exposed to prenatal stress: preventive effect of lurasidone treatment during adolescence. <i>European Neuropsychopharmacology</i> , 2014 , 24, 986-95 ²	5.2	54
138	Prenatal maternal factors in the development of cognitive impairments in the offspring. <i>Journal of Reproductive Immunology</i> , 2014 , 104-105, 20-5	4.2	31

137	The serotonin-BDNF duo: developmental implications for the vulnerability to psychopathology. <i>Neuroscience and Biobehavioral Reviews</i> , 2014 , 43, 35-47	9	108
136	Repeated aripiprazole treatment regulates Bdnf, Arc and Npas4 expression under basal condition as well as after an acute swim stress in the rat brain. <i>Pharmacological Research</i> , 2014 , 80, 1-8	10.2	22
135	Touchscreen-paradigm for mice reveals cross-species evidence for an antagonistic relationship of cognitive flexibility and stability. <i>Frontiers in Behavioral Neuroscience</i> , 2014 , 8, 154	3.5	16
134	Early life stress and serotonin transporter gene variation interact to affect the transcription of the glucocorticoid and mineralocorticoid receptors, and the co-chaperone FKBP5, in the adult rat brain. <i>Frontiers in Behavioral Neuroscience</i> , 2014 , 8, 355	3.5	25
133	Inducible forebrain-specific ablation of the transcription factor Creb during adulthood induces anxiety but no spatial/contextual learning deficits. <i>Frontiers in Behavioral Neuroscience</i> , 2014 , 8, 407	3.5	12
132	MORC1 exhibits cross-species differential methylation in association with early life stress as well as genome-wide association with MDD. <i>Translational Psychiatry</i> , 2014 , 4, e429	8.6	65
131	Prolonged abstinence from developmental cocaine exposure dysregulates BDNF and its signaling network in the medial prefrontal cortex of adult rats. <i>International Journal of Neuropsychopharmacology</i> , 2014 , 17, 625-34	5.8	39
130	Phenotype of mice with inducible ablation of GluA1 AMPA receptors during late adolescence: relevance for mental disorders. <i>Hippocampus</i> , 2014 , 24, 424-35	3.5	26
129	Brain-derived neurotrophic factor: a bridge between inflammation and neuroplasticity. <i>Frontiers in Cellular Neuroscience</i> , 2014 , 8, 430	6.1	270
128	A technique for administering xenon gas anesthesia during surgical procedures in mice. <i>Lab Animal</i> , 2014 , 43, 405-9	0.4	2
127	Prenatal immune activation induces maturation-dependent alterations in the prefrontal GABAergic transcriptome. <i>Schizophrenia Bulletin</i> , 2014 , 40, 351-61	1.3	108
126	Anatomical specificity in the modulation of activity-regulated genes after acute or chronic lurasidone treatment. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014 , 50, 94-101	5.5	12
125	Nitric oxide synthase inhibition reverts muscarinic receptor down-regulation induced by pilocarpine- and kainic acid-evoked seizures in rat fronto-parietal cortex. <i>Epilepsy Research</i> , 2014 , 108, 11-9	3	2
124	Reduced neuroplasticity in aged rats: a role for the neurotrophin brain-derived neurotrophic factor. <i>Neurobiology of Aging</i> , 2013 , 34, 2768-76	5.6	61
123	Gene expression profiling as functional readout of rodent models for psychiatric disorders. <i>Cell and Tissue Research</i> , 2013 , 354, 51-60	4.2	4
122	Environmental enrichment ameliorates depressive-like symptoms in young rats bred for learned helplessness. <i>Behavioural Brain Research</i> , 2013 , 252, 287-92	3.4	15
121	Effects of withdrawal from repeated amphetamine exposure in peri-puberty on neuroplasticity-related genes in mice. <i>Neuroscience</i> , 2013 , 250, 222-31	3.9	9
120	Altered inflammatory responsiveness in serotonin transporter mutant rats. <i>Journal of Neuroinflammation</i> , 2013 , 10, 116	10.1	16

119	Comparison of the long-term consequences of withdrawal from repeated amphetamine exposure in adolescence and adulthood on information processing and locomotor sensitization in mice. <i>European Neuropsychopharmacology</i> , 2013 , 23, 160-70	1.2	14
118	Glucocorticoid-related molecular signaling pathways regulating hippocampal neurogenesis. <i>Neuropsychopharmacology</i> , 2013 , 38, 872-83	8.7	213
117	Region-specific effects on BDNF expression after contingent or non-contingent cocaine i.v. self-administration in rats. <i>International Journal of Neuropsychopharmacology</i> , 2013 , 16, 913-8	5.8	37
116	Glucocorticoid receptor and FKBP5 expression is altered following exposure to chronic stress: modulation by antidepressant treatment. <i>Neuropsychopharmacology</i> , 2013 , 38, 616-27	8.7	135
115	Significant increase in anxiety during aging in mGlu5 receptor knockout mice. <i>Behavioural Brain Research</i> , 2013 , 241, 27-31	3.4	23
114	Modulation of the inflammatory response in rats chronically treated with the antidepressant agomelatine. <i>European Neuropsychopharmacology</i> , 2013 , 23, 1645-55	1.2	66
113	Prenatal versus postnatal maternal factors in the development of infection-induced working memory impairments in mice. <i>Brain, Behavior, and Immunity</i> , 2013 , 33, 190-200	16.6	61
112	Baclofen modulates the expression and release of neurotrophins in schwann-like adipose stem cells. <i>Journal of Molecular Neuroscience</i> , 2013 , 49, 233-43	3.3	17
111	Stress in puberty unmasks latent neuropathological consequences of prenatal immune activation in mice. <i>Science</i> , 2013 , 339, 1095-9	33.3	342
110	Lack of serotonin transporter alters BDNF expression in the rat brain during early postnatal development. <i>Molecular Neurobiology</i> , 2013 , 48, 244-56	6.2	30
109	Modulation of neuronal plasticity following chronic concomitant administration of the novel antipsychotic lurasidone with the mood stabilizer valproic acid. <i>Psychopharmacology</i> , 2013 , 226, 101-12	4.7	33
108	Behavioural and neuroplastic properties of chronic lurasidone treatment in serotonin transporter knockout rats. <i>International Journal of Neuropsychopharmacology</i> , 2013 , 16, 1319-30	5.8	27
107	Role for the kinase SGK1 in stress, depression, and glucocorticoid effects on hippocampal neurogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 8708-13	11.5	209
106	The preclinical profile of lurasidone: clinical relevance for the treatment of schizophrenia. <i>Expert Opinion on Drug Discovery</i> , 2013 , 8, 1297-307	6.2	17
105	Preconceptional paternal exposure to a single traumatic event affects postnatal growth of female but not male offspring. <i>NeuroReport</i> , 2013 , 24, 856-60	1.7	17
104	The AMPA receptor potentiator Org 26576 modulates stress-induced transcription of BDNF isoforms in rat hippocampus. <i>Pharmacological Research</i> , 2012 , 65, 176-81	10.2	14
103	The impact of environmental enrichment on sex-specific neurochemical circuitries - effects on brain-derived neurotrophic factor and the serotonergic system. <i>Neuroscience</i> , 2012 , 220, 267-76	3.9	80
102	Developmental influence of the serotonin transporter on the expression of npas4 and GABAergic markers: modulation by antidepressant treatment. <i>Neuropsychopharmacology</i> , 2012 , 37, 746-58	8.7	47

101	Modulation of BDNF expression by repeated treatment with the novel antipsychotic lurasidone under basal condition and in response to acute stress. <i>International Journal of Neuropsychopharmacology</i> , 2012 , 15, 235-46	5.8	52
100	Stress-induced changes of hippocampal NMDA receptors: modulation by duloxetine treatment. <i>PLoS ONE</i> , 2012 , 7, e37916	3.7	76
99	Stress e depressione: Meccanismi eziopatologici e modulazione farmacologica 2012 , 301-314		
98	Mode of action of agomelatine: synergy between melatonergic and 5-HT _{2C} receptors. <i>World Journal of Biological Psychiatry</i> , 2011 , 12, 574-87	3.8	163
97	The puzzle box as a simple and efficient behavioral test for exploring impairments of general cognition and executive functions in mouse models of schizophrenia. <i>Experimental Neurology</i> , 2011 , 227, 42-52	5.7	69
96	Antistress properties of antidepressant drugs and their clinical implications. <i>Pharmacology & Therapeutics</i> , 2011 , 132, 39-56	13.9	32
95	Modulation of neuroplastic molecules in selected brain regions after chronic administration of the novel antidepressant agomelatine. <i>Psychopharmacology</i> , 2011 , 215, 267-75	4.7	53
94	AMPA GluR-A receptor subunit mediates hippocampal responsiveness in mice exposed to stress. <i>Hippocampus</i> , 2011 , 21, 1028-35	3.5	14
93	Serum and plasma BDNF levels in major depression: a replication study and meta-analyses. <i>World Journal of Biological Psychiatry</i> , 2010 , 11, 763-73	3.8	306
92	Sub-chronic exposure to atomoxetine up-regulates BDNF expression and signalling in the brain of adolescent spontaneously hypertensive rats: comparison with methylphenidate. <i>Pharmacological Research</i> , 2010 , 62, 523-9	10.2	53
91	Depression-prone mice with reduced glucocorticoid receptor expression display an altered stress-dependent regulation of brain-derived neurotrophic factor and activity-regulated cytoskeleton-associated protein. <i>Journal of Psychopharmacology</i> , 2010 , 24, 595-603	4.6	45
90	Synergistic mechanisms in the modulation of the neurotrophin BDNF in the rat prefrontal cortex following acute agomelatine administration. <i>World Journal of Biological Psychiatry</i> , 2010 , 11, 148-53	3.8	49
89	The expression of VGF is reduced in leukocytes of depressed patients and it is restored by effective antidepressant treatment. <i>Neuropsychopharmacology</i> , 2010 , 35, 1423-8	8.7	61
88	Long-Term duloxetine treatment normalizes altered brain-derived neurotrophic factor expression in serotonin transporter knockout rats through the modulation of specific neurotrophin isoforms. <i>Molecular Pharmacology</i> , 2010 , 77, 846-53	4.3	51
87	Repeated electroconvulsive shock (ECS) alters the phosphorylation of glutamate receptor subunits in the rat hippocampus. <i>International Journal of Neuropsychopharmacology</i> , 2010 , 13, 1255-60	5.8	28
86	Reduced function of the serotonin transporter is associated with decreased expression of BDNF in rodents as well as in humans. <i>Neurobiology of Disease</i> , 2010 , 37, 747-55	7.5	84
85	BDNF Val66Met polymorphism and protein levels in amniotic fluid. <i>BMC Neuroscience</i> , 2010 , 11, 16	3.2	14
84	Antipsychotic drug actions on gene modulation and signaling mechanisms. <i>Pharmacology & Therapeutics</i> , 2009 , 124, 74-85	13.9	67

83	Neuronal plasticity: a link between stress and mood disorders. <i>Psychoneuroendocrinology</i> , 2009 , 34 Suppl 1, S208-16	5	229
82	Prenatal stress alters glutamatergic system responsiveness in adult rat prefrontal cortex. <i>Journal of Neurochemistry</i> , 2009 , 109, 1733-44	6	56
81	Single session of cocaine intravenous self-administration shapes goal-oriented behaviours and up-regulates Arc mRNA levels in rat medial prefrontal cortex. <i>International Journal of Neuropsychopharmacology</i> , 2009 , 12, 423-9	5.8	30
80	Differential c-Fos induction by different NMDA receptor antagonists with antidepressant efficacy: potential clinical implications. <i>International Journal of Neuropsychopharmacology</i> , 2009 , 12, 1133-6	5.8	23
79	Cognitive effects of second-generation antipsychotics: current insights into neurochemical mechanisms. <i>CNS Drugs</i> , 2009 , 23, 603-14	6.7	7
78	Acute stress responsiveness of the neurotrophin BDNF in the rat hippocampus is modulated by chronic treatment with the antidepressant duloxetine. <i>Neuropsychopharmacology</i> , 2009 , 34, 1523-32	8.7	95
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