

Chronic Antidepressant Treatment Increases Neurogen

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Citation Report

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Child abuse: Adolescent records vs. adult recall. Child Abuse and Neglect, 1990, 14, 227-231. | 2.6 | 5,477 |
| 2 | Neuroplasticity and cellular resilience in mood disorders. Molecular Psychiatry, 2000, 5, 578-593. | 7.9 | 313 |
| 3 | Variation of serotonergic gene expression: neurodevelopment and the complexity of response to psychopharmacologic drugs. European Neuropsychopharmacology, 2001, 11, 457-474. | 0.7 | 60 |
| 4 | Antipsychotic drugs and neuroplasticity: insights into the treatment and neurobiology of schizophrenia. Biological Psychiatry, 2001, 50, 729-742. | 1.3 | 183 |
| 5 | Response of the Norepinephrine System to Antidepressant Drugs. CNS Spectrums, 2001, 6, 679-688. | 1.2 | 25 |
| 6 | Influence of SAME on the modifications of brain polyamine levels in an animal model of depression. NeuroReport, 2001, 12, 3939-3942. | 1.2 | 43 |
| 7 | Protein Kinase A in Major Depression: The Link Between Hypothalamic-Pituitary-Adrenal Axis Hyperactivity and Neurogenesis. CNS Spectrums, 2001, 6, 565-572. | 1.2 | 6 |
| 8 | The interface of depression and dementia. Current Opinion in Psychiatry, 2001, 14, 367-369. | 6.3 | 3 |
| 9 | Serotonin mediates oestrogen stimulation of cell proliferation in the adult dentate gyrus. European Journal of Neuroscience, 2001, 14, 1417-1424. | 2.6 | 200 |
| 10 | The cellular neurobiology of depression. Nature Medicine, 2001, 7, 541-547. | 30.7 | 1,050 |
| 12 | Fluoxetine increases the content of neurotrophic protein S100 β in the rat hippocampus. European Journal of Pharmacology, 2001, 420, R1-R2. | 3.5 | 78 |
| 13 | Effects of the Selective Norepinephrine Reuptake Inhibitor Reboxetine on Norepinephrine and Serotonin Transmission in the Rat Hippocampus. Neuropsychopharmacology, 2001, 25, 845-857. | 5.4 | 57 |
| 14 | Manipulation of Neural Precursors in situ Induction of Neurogenesis in the Neocortex of Adult Mice. Neuropsychopharmacology, 2001, 25, 816-835. | 5.4 | 42 |
| 15 | Regulation of Adult Neurogenesis by Antidepressant Treatment. Neuropsychopharmacology, 2001, 25, 836-844. | 5.4 | 389 |
| 16 | Depression, antidepressants, and the shrinking hippocampus. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 12320-12322. | 7.1 | 279 |
| 17 | Stress Hormone-Related Psychopathology: Pathophysiological and Treatment Implications. World Journal of Biological Psychiatry, 2001, 2, 115-143. | 2.6 | 116 |
| 18 | Depression – emerging insights from neurobiology. British Medical Bulletin, 2001, 57, 61-79. | 6.9 | 181 |
| 19 | Stress-induced changes in cerebral metabolites, hippocampal volume, and cell proliferation are prevented by antidepressant treatment with tianeptine. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 12796-12801. | 7.1 | 965 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 20 | Adult neurogenesis: implications for psychiatry. Progress in Brain Research, 2002, 138, 315-342. | 1.4 | 90 |
| 21 | Modification of Brain Aging and Neurodegenerative Disorders by Genes, Diet, and Behavior. Physiological Reviews, 2002, 82, 637-672. | 28.8 | 391 |
| 22 | Long-lasting increase in voluntary ethanol consumption and transcriptional regulation in the rat brain after intermittent exposure to alcohol. FASEB Journal, 2002, 16, 27-35. | 0.5 | 306 |
| 23 | Cyclic AMP response element-binding protein and depression. Expert Review of Neurotherapeutics, 2002, 2, 347-354. | 2.8 | 13 |
| 24 | Antidepressant Treatments Induce the Expression of Basic Fibroblast Growth Factor in Cortical and Hippocampal Neurons. Molecular Pharmacology, 2002, 61, 1017-1024. | 2.3 | 111 |
| 25 | The neuropathology of primary mood disorder. Brain, 2002, 125, 1428-1449. | 7.6 | 289 |
| 26 | Synaptic plasticity and mood disorders. Molecular Psychiatry, 2002, 7, S29-S34. | 7.9 | 310 |
| 27 | A 44-Year-Old Woman With Borderline Personality Disorder. JAMA - Journal of the American Medical Association, 2002, 287, 1029. | 7.4 | 6 |
| 28 | Activation of Gz Attenuates Rap1-mediated Differentiation of PC12 Cells. Journal of Biological Chemistry, 2002, 277, 43417-43424. | 3.4 | 64 |
| 29 | Expression Profile and Up-Regulation of Prax-1 mRNA by Antidepressant Treatment in the Rat Brain. Molecular Pharmacology, 2002, 62, 1314-1320. | 2.3 | 21 |
| 30 | Electroconvulsive Stimuli Alter the Regional Concentrations of Nerve Growth Factor, Brain-Derived Neurotrophic Factor, and Glial Cell Line-Derived Neurotrophic Factor in Adult Rat Brain. Journal of ECT, 2002, 18, 138-143. | 0.6 | 56 |
| 31 | Regulation of Neurogenesis in Adult Mouse Hippocampus by cAMP and the cAMP Response Element-Binding Protein. Journal of Neuroscience, 2002, 22, 3673-3682. | 3.6 | 444 |
| 32 | Structural Alterations in Depression: Cellular Mechanisms Underlying Pathology and Treatment of Mood Disorders. CNS Spectrums, 2002, 7, 140-147. | 1.2 | 33 |
| 33 | Neonatal Viral Infection Decreases Neuronal Progenitors and Impairs Adult Neurogenesis in the Hippocampus. Neurobiology of Disease, 2002, 11, 246-256. | 4.4 | 37 |
| 34 | Effects of light on low nocturnal bilirubin in winter depression: a preliminary report. Biological Psychiatry, 2002, 51, 422-425. | 1.3 | 31 |
| 35 | Chronic psychosocial stress and concomitant repetitive transcranial magnetic stimulation: effects on stress hormone levels and adult hippocampal neurogenesis. Biological Psychiatry, 2002, 52, 1057-1065. | 1.3 | 305 |
| 36 | Neural and behavioral substrates of mood and mood regulation. Biological Psychiatry, 2002, 52, 478-502. | 1.3 | 355 |
| 37 | Synaptic plasticity and tianeptine: structural regulation. European Psychiatry, 2002, 17, 311s-317s. | 0.2 | 21 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 38 | Beyond the monoamine hypothesis: mechanisms, molecules and methods. <i>European Psychiatry</i> , 2002, 17, 294s-299s. | 0.2 | 104 |
| 39 | Pathophysiology of depression: the concept of synaptic plasticity. <i>European Psychiatry</i> , 2002, 17, 306s-310s. | 0.2 | 294 |
| 40 | Functional genomics and depression research. <i>European Neuropsychopharmacology</i> , 2002, 12, 235-244. | 0.7 | 31 |
| 41 | Neurotrophic actions of antidepressants. <i>European Neuropsychopharmacology</i> , 2002, 12, 141. | 0.7 | 0 |
| 42 | Galanin: New opportunities for antidepressant drug development. <i>European Neuropsychopharmacology</i> , 2002, 12, 141-142. | 0.7 | 3 |
| 43 | Depression: Perspectives from Affective Neuroscience. <i>Annual Review of Psychology</i> , 2002, 53, 545-574. | 17.7 | 1,042 |
| 44 | Efficacy and Safety of Tianeptine in Major Depression. <i>CNS Drugs</i> , 2002, 16, 65-75. | 5.9 | 26 |
| 45 | Morphological Brain Changes in Depression. <i>CNS Drugs</i> , 2002, 16, 361-372. | 5.9 | 61 |
| 46 | Functional genomics in neuropsychiatric disorders and in neuropharmacology. <i>Expert Opinion on Therapeutic Targets</i> , 2002, 6, 363-374. | 3.4 | 3 |
| 47 | Studies of hormone action in the hippocampal formation. <i>Journal of Psychosomatic Research</i> , 2002, 53, 883-890. | 2.6 | 115 |
| 48 | New antidepressant drugs that do not cross the blood-brain barrier. <i>Medical Hypotheses</i> , 2002, 58, 83-84. | 1.5 | 8 |
| 49 | Adult brain neurogenesis and depression. <i>Brain, Behavior, and Immunity</i> , 2002, 16, 602-609. | 4.1 | 144 |
| 50 | Neurobiology of Depression. <i>Neuron</i> , 2002, 34, 13-25. | 8.1 | 2,688 |
| 51 | Stem cells in brain plasticity and repair. <i>Current Opinion in Pharmacology</i> , 2002, 2, 34-42. | 3.5 | 95 |
| 52 | Neuroprotective and neurorestorative signal transduction mechanisms in brain aging: modification by genes, diet and behavior. <i>Neurobiology of Aging</i> , 2002, 23, 695-705. | 3.1 | 89 |
| 53 | Exercise, experience and the aging brain ¹ . <i>Neurobiology of Aging</i> , 2002, 23, 941-955. | 3.1 | 442 |
| 54 | Chronic administration of fluoxetine impairs inhibitory avoidance in male but not female mice. <i>Behavioural Brain Research</i> , 2002, 136, 483-488. | 2.2 | 46 |
| 55 | Cellular perspectives on the glutamate-monoamine interactions in limbic lobe structures and their relevance for some psychiatric disorders. <i>Progress in Neurobiology</i> , 2002, 67, 173-202. | 5.7 | 102 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 56 | Commentary: “Noradrenergic and Serotonergic Neuroendocrine Responses in Prepubertal, Peripubertal, and Postpubertal Rats Pretreated With Desipramine and Sertraline” Journal of the American Academy of Child and Adolescent Psychiatry, 2002, 41, 1007-1009. | 0.5 | 8 |
| 57 | Genetics of Childhood Disorders: XXXIX. Stem Cell Research, Part 3: Regulation of Neurogenesis by Stress and Antidepressant Treatment. Journal of the American Academy of Child and Adolescent Psychiatry, 2002, 41, 745-748. | 0.5 | 10 |
| 58 | The psychopharmacogenetic “neurodevelopmental interface in serotonergic gene pathways. , 2002, , 95-126. | | 1 |
| 59 | Molecular and Cellular Biology Research in Psychiatry. , 0, , 29-58. | | 0 |
| 61 | Localization of Phosphorylated cAMP Response Element-Binding Protein in Immature Neurons of Adult Hippocampus. Journal of Neuroscience, 2002, 22, 9868-9876. | 3.6 | 246 |
| 62 | Neurogenèse dans le cerveau adulte. Conséquences fonctionnelles. Société De Biologie Journal, 2002, 196, 67-76. | 0.3 | 6 |
| 63 | cAMP Response Element-Binding Protein Is Essential for the Upregulation of Brain-Derived Neurotrophic Factor Transcription, But Not the Behavioral or Endocrine Responses to Antidepressant Drugs. Journal of Neuroscience, 2002, 22, 3262-3268. | 3.6 | 307 |
| 64 | Photoisomerization of fluvoxamine generates an isomer that has reduced activity on the 5-hydroxytryptamine transporter and does not affect cell proliferation. European Journal of Pharmacology, 2002, 450, 223-229. | 3.5 | 16 |
| 65 | Induction of neuronal type-specific neurogenesis in the cerebral cortex of adult mice: manipulation of neural precursors in situ. Developmental Brain Research, 2002, 134, 57-76. | 1.7 | 52 |
| 66 | Dynamics of cell proliferation in the adult dentate gyrus of two inbred strains of mice. Developmental Brain Research, 2002, 134, 77-85. | 1.7 | 178 |
| 67 | Insulin-like growth factor-I and neurogenesis in the adult mammalian brain. Developmental Brain Research, 2002, 134, 115-122. | 1.7 | 280 |
| 68 | Long-term effects of St. John’s wort and hypericin on monoamine levels in rat hypothalamus and hippocampus. Brain Research, 2002, 930, 21-29. | 2.2 | 96 |
| 69 | Changes in synaptic plasticity in the rat hippocampo-medial prefrontal cortex pathway induced by repeated treatments with fluvoxamine. Brain Research, 2002, 949, 131-138. | 2.2 | 44 |
| 70 | 5-HT1A receptor antagonist administration decreases cell proliferation in the dentate gyrus. Brain Research, 2002, 955, 264-267. | 2.2 | 206 |
| 71 | Manipulation of neural precursors in situ toward induction of neurogenesis in the adult brain: Potential and limitations. Clinical Neuroscience Research, 2002, 2, 40-57. | 0.8 | 1 |
| 72 | To be or not to be: adult neurogenesis and psychiatry. Clinical Neuroscience Research, 2002, 2, 93-108. | 0.8 | 18 |
| 73 | Plasticity in Hippocampal Peptidergic Systems Induced by Repeated Electroconvulsive Shock. Neuropsychopharmacology, 2002, 27, 55-71. | 5.4 | 31 |
| 74 | Atypical neuroleptics stimulate neurogenesis in adult rat brain. Journal of Neuroscience Research, 2002, 69, 72-79. | 2.9 | 220 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 75 | Neurogenesis may relate to some but not all types of hippocampalâ€dependent learning. Hippocampus, 2002, 12, 578-584. | 1.9 | 762 |
| 77 | Modulation of glutamate receptors: Strategies for the development of novel antidepressants. Amino Acids, 2002, 23, 153-159. | 2.7 | 39 |
| 78 | Antidepressants and neuroplasticity. Bipolar Disorders, 2002, 4, 183-194. | 1.9 | 436 |
| 79 | Regulation of adult hippocampal neurogenesis â€ implications for novel theories of major depression¹. Bipolar Disorders, 2002, 4, 17-33. | 1.9 | 205 |
| 80 | Electroconvulsive seizures increase hippocampal neurogenesis after chronic corticosterone treatment. European Journal of Neuroscience, 2002, 16, 283-290. | 2.6 | 149 |
| 81 | Dehydroepiandrosterone (DHEA) stimulates neurogenesis in the hippocampus of the rat, promotes survival of newly formed neurons and prevents corticosteroneâ€induced suppression. European Journal of Neuroscience, 2002, 16, 445-453. | 2.6 | 263 |
| 82 | Depletion of norepinephrine decreases the proliferation, but does not influence the survival and differentiation, of granule cell progenitors in the adult rat hippocampus. European Journal of Neuroscience, 2002, 16, 2008-2012. | 2.6 | 159 |
| 83 | Nicotinic acetylcholine receptors as targets for antidepressants. Molecular Psychiatry, 2002, 7, 525-535. | 7.9 | 261 |
| 84 | Substance P receptor antagonist and clomipramine prevent stress-induced alterations in cerebral metabolites, cytochrome c expression in the dentate gyrus and hippocampal volume. Molecular Psychiatry, 2002, 7, 933-941. | 7.9 | 145 |
| 85 | Serotonin transporter gene polymorphism, differential early rearing, and behavior in rhesus monkey neonates. Molecular Psychiatry, 2002, 7, 1058-1063. | 7.9 | 362 |
| 86 | Antidepressants and gene expression profiling: how to SNARE novel drug targets. Pharmacogenomics Journal, 2002, 2, 346-348. | 2.0 | 16 |
| 87 | Three Steps of Neural Stem Cells Development in Gerbil Dentate Gyrus after Transient Ischemia. Journal of Cerebral Blood Flow and Metabolism, 2002, 22, 411-419. | 4.3 | 97 |
| 88 | Neurogenesis in the Adult Mammalian Brain. Russian Journal of Developmental Biology, 2002, 33, 327-341. | 0.5 | 3 |
| 89 | Glutamate and Depression. Annals of the New York Academy of Sciences, 2003, 1003, 250-272. | 3.8 | 375 |
| 90 | Pharmakotherapie der Depression. Bundesgesundheitsblatt - Gesundheitsforschung - Gesundheitsschutz, 2003, 46, 239-244. | 7.2 | 0 |
| 91 | cDNA gene expression profile of rat hippocampus after chronic treatment with antidepressant drugs. Journal of Neural Transmission, 2003, 110, 1413-1436. | 2.8 | 55 |
| 92 | Increased frequency of dentate granule cells with basal dendrites in the hippocampal formation of schizophrenics. Psychiatry Research - Neuroimaging, 2003, 122, 89-97. | 1.8 | 38 |
| 93 | Regulation of neurogenesis in the aging vertebrate brain: role of oxidative stress and neuropsychiatric factors. Clinical Neuroscience Research, 2003, 2, 285-293. | 0.8 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 94 | Potential use of animal models to examine antipsychotic prophylaxis for schizophrenia. Clinical Neuroscience Research, 2003, 3, 289-296. | 0.8 | 15 |
| 95 | Molecular manipulation of neural precursors in situ: induction of adult cortical neurogenesis. Experimental Gerontology, 2003, 38, 173-182. | 2.8 | 20 |
| 96 | Computation of electric and magnetic stimulation in human head using the 3-D impedance method. IEEE Transactions on Biomedical Engineering, 2003, 50, 900-907. | 4.2 | 113 |
| 97 | Pilocarpine-induced status epilepticus increases cell proliferation in the dentate gyrus of adult rats via a 5-HT1A receptor-dependent mechanism. Brain Research, 2003, 966, 1-12. | 2.2 | 61 |
| 98 | Electroconvulsive stimuli alter nerve growth factor but not brain-derived neurotrophic factor concentrations in brains of a rat model of depression. Neuropeptides, 2003, 37, 51-56. | 2.2 | 37 |
| 99 | Glia as a putative target for antidepressant treatments. Journal of Affective Disorders, 2003, 75, 59-64. | 4.1 | 50 |
| 100 | EGF and NGF injected into the brain of old mice enhance BDNF and ChAT in proliferating subventricular zone. Journal of Neuroscience Research, 2003, 72, 557-564. | 2.9 | 53 |
| 101 | Increased neurogenesis after experimental Streptococcus pneumoniae meningitis. Journal of Neuroscience Research, 2003, 73, 441-446. | 2.9 | 31 |
| 103 | Molecular correlates of impaired prefrontal plasticity in response to chronic stress. Journal of Neurochemistry, 2003, 85, 1312-1323. | 3.9 | 94 |
| 104 | Neuropeptide Y is neuroproliferative for post-natal hippocampal precursor cells. Journal of Neurochemistry, 2003, 86, 646-659. | 3.9 | 166 |
| 105 | Coupling of neuronal 5-HT7 receptors to activation of extracellular-regulated kinase through a protein kinase A-independent pathway that can utilize Epac. Journal of Neurochemistry, 2003, 87, 1076-1085. | 3.9 | 81 |
| 106 | Increased neurogenesis and brain-derived neurotrophic factor in neurokinin-1 receptor gene knockout mice. European Journal of Neuroscience, 2003, 18, 1828-1836. | 2.6 | 80 |
| 107 | Affective disorders, antidepressant drugs and brain metabolism. Molecular Psychiatry, 2003, 8, 773-785. | 7.9 | 97 |
| 108 | Differential effects of learning on neurogenesis: learning increases or decreases the number of newly born cells depending on their birth date. Molecular Psychiatry, 2003, 8, 974-982. | 7.9 | 223 |
| 110 | Sleep Deprivation Reduces Proliferation of Cells in the Dentate Gyrus of the Hippocampus in Rats. Journal of Physiology, 2003, 549, 563-571. | 2.9 | 169 |
| 111 | Experience effects on brain development: possible contributions to psychopathology. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2003, 44, 33-63. | 5.2 | 147 |
| 112 | Cognitive effects of atypical antipsychotics: focus on bipolar spectrum disorders. Bipolar Disorders, 2003, 5, 53-61. | 1.9 | 121 |
| 113 | S100B and response to treatment in major depression: a pilot study. European Neuropsychopharmacology, 2003, 13, 235-239. | 0.7 | 98 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 114 | Long-term effects of childhood abuse on brain and neurobiology. Child and Adolescent Psychiatric Clinics of North America, 2003, 12, 271-292. | 1.9 | 194 |
| 115 | Lithium treatment alters brain concentrations of nerve growth factor, brain-derived neurotrophic factor and glial cell line-derived neurotrophic factor in a rat model of depression. International Journal of Neuropsychopharmacology, 2003, 6, 225-231. | 2.1 | 136 |
| 116 | Congenitally learned helpless rats show abnormalities in intracellular signaling. Biological Psychiatry, 2003, 53, 520-529. | 1.3 | 20 |
| 117 | Is there a role for 5-HT1A agonists in the treatment of depression?. Biological Psychiatry, 2003, 53, 193-203. | 1.3 | 492 |
| 118 | The pharmacology of putative early-onset antidepressant strategies. European Neuropsychopharmacology, 2003, 13, 57-66. | 0.7 | 219 |
| 119 | Neural stem cells: a pharmacological tool for brain diseases?. Pharmacological Research, 2003, 47, 289-297. | 7.1 | 19 |
| 120 | Requirement of Hippocampal Neurogenesis for the Behavioral Effects of Antidepressants. Science, 2003, 301, 805-809. | 12.6 | 3,912 |
| 121 | Adult Neurogenesis: A Mechanism for Brain Repair?. Journal of Clinical and Experimental Neuropsychology, 2003, 25, 721-732. | 1.3 | 36 |
| 122 | Suppression of hippocampal neurogenesis is associated with developmental stage, number of perinatal seizure episodes, and glucocorticosteroid level. Experimental Neurology, 2003, 184, 196-213. | 4.1 | 77 |
| 123 | Modification of hippocampal neurogenesis and neuroplasticity by social environments. Experimental Neurology, 2003, 183, 600-609. | 4.1 | 189 |
| 124 | G protein signaling and the molecular basis of antidepressant action. Life Sciences, 2003, 73, 1-17. | 4.3 | 88 |
| 125 | Chronic AMPA receptor potentiator (LY451646) treatment increases cell proliferation in adult rat hippocampus. Neuropharmacology, 2003, 44, 1013-1021. | 4.1 | 140 |
| 126 | Differential regulation of Brain Derived Neurotrophic Factor transcripts by antidepressant treatments in the adult rat brain. Neuropharmacology, 2003, 45, 553-563. | 4.1 | 260 |
| 127 | Effects of electroconvulsive seizures and antidepressant drugs on brain-derived neurotrophic factor protein in rat brain. Biological Psychiatry, 2003, 54, 703-709. | 1.3 | 289 |
| 128 | Mood disorders and allostatic load. Biological Psychiatry, 2003, 54, 200-207. | 1.3 | 913 |
| 129 | Alterations of serum levels of brain-derived neurotrophic factor (BDNF) in depressed patients with or without antidepressants. Biological Psychiatry, 2003, 54, 70-75. | 1.3 | 990 |
| 130 | Depressed new Neurons? Adult hippocampal neurogenesis and a cellular plasticity hypothesis of major depression. Biological Psychiatry, 2003, 54, 499-503. | 1.3 | 344 |
| 131 | Reduced cell proliferation in the dentate gyrus is not correlated with the development of learned helplessness. Biological Psychiatry, 2003, 54, 1035-1040. | 1.3 | 209 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 132 | Long-term treatment with paroxetine increases verbal declarative memory and hippocampal volume in posttraumatic stress disorder. <i>Biological Psychiatry</i> , 2003, 54, 693-702. | 1.3 | 470 |
| 133 | Electroconvulsive seizures induce proliferation of NG2-expressing glial cells in adult rat hippocampus. <i>Biological Psychiatry</i> , 2003, 54, 1015-1024. | 1.3 | 102 |
| 134 | Prenatal stress diminishes neurogenesis in the dentate gyrus of juvenile Rhesus monkeys. <i>Biological Psychiatry</i> , 2003, 54, 1025-1034. | 1.3 | 408 |
| 135 | Chronic electroconvulsive seizure up-regulates β -catenin expression in rat hippocampus: role in adult neurogenesis. <i>Biological Psychiatry</i> , 2003, 54, 1006-1014. | 1.3 | 111 |
| 136 | Effects of chronic antidepressants and electroconvulsive shock on serotonergic neurotransmission in the rat hippocampus. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2003, 27, 729-739. | 4.8 | 50 |
| 137 | Lithium stimulates progenitor proliferation in cultured brain neurons. <i>Neuroscience</i> , 2003, 117, 55-61. | 2.3 | 93 |
| 138 | The influence of specific noradrenergic and serotonergic lesions on the expression of hippocampal brain-derived neurotrophic factor transcripts following voluntary physical activity. <i>Neuroscience</i> , 2003, 119, 721-732. | 2.3 | 99 |
| 139 | A common role for psychotropic medications: memory impairment. <i>Medical Hypotheses</i> , 2003, 60, 133-142. | 1.5 | 7 |
| 140 | Finding the Intracellular Signaling Pathways Affected by Mood Disorder Treatments. <i>Neuron</i> , 2003, 38, 157-160. | 8.1 | 355 |
| 141 | Exercise increases hippocampal neurogenesis to high levels but does not improve spatial learning in mice bred for increased voluntary wheel running. <i>Behavioral Neuroscience</i> , 2003, 117, 1006-1016. | 1.2 | 225 |
| 142 | Postnatal environment can counteract prenatal effects on cognitive ability, cell proliferation, and synaptic protein expression. <i>FASEB Journal</i> , 2003, 17, 1-27. | 0.5 | 130 |
| 143 | Proneness to psychological distress is associated with risk of Alzheimer's disease. <i>Neurology</i> , 2003, 61, 1479-1485. | 1.1 | 377 |
| 144 | Recent developments in the psychobiology and pharmacotherapy of depression: optimising existing treatments and novel approaches for the future. <i>Expert Opinion on Investigational Drugs</i> , 2003, 12, 65-86. | 4.1 | 27 |
| 145 | Course of illness, hippocampal function, and hippocampal volume in major depression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 1387-1392. | 7.1 | 854 |
| 146 | MRI and PET Study of Deficits in Hippocampal Structure and Function in Women With Childhood Sexual Abuse and Posttraumatic Stress Disorder. <i>American Journal of Psychiatry</i> , 2003, 160, 924-932. | 7.2 | 621 |
| 147 | A BDNF Coding Variant is Associated with the NEO Personality Inventory Domain Neuroticism, a Risk Factor for Depression. <i>Neuropsychopharmacology</i> , 2003, 28, 397-401. | 5.4 | 321 |
| 148 | Modulation of Serotonergic Function in Rat Brain by VN2222, a Serotonin Reuptake Inhibitor and 5-HT1A Receptor Agonist. <i>Neuropsychopharmacology</i> , 2003, 28, 445-456. | 5.4 | 36 |
| 149 | Cell Proliferation in Adult Hippocampus is Decreased by Inescapable Stress: Reversal by Fluoxetine Treatment. <i>Neuropsychopharmacology</i> , 2003, 28, 1562-1571. | 5.4 | 717 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 150 | Neurogenesis in the Diseased Adult Human Brain: New Therapeutic Strategies for Neurodegenerative Diseases. <i>Cell Cycle</i> , 2003, 2, 427-429. | 2.6 | 23 |
| 151 | Chapter 10 rTMS as treatment strategy in psychiatric disorders – neurobiological concepts. <i>Supplements To Clinical Neurophysiology</i> , 2003, 56, 100-116. | 2.1 | 14 |
| 152 | Dose-Related Effects of Chronic Antidepressants on Neuroprotective Proteins BDNF, Bcl-2 and Cu/Zn-SOD in Rat Hippocampus. <i>Neuropsychopharmacology</i> , 2003, 28, 53-62. | 5.4 | 160 |
| 153 | Desipramine treatment reduces the long-term behavioural and neurochemical sequelae of early-life maternal separation. <i>International Journal of Neuropsychopharmacology</i> , 2003, 6, 391-396. | 2.1 | 78 |
| 154 | Dual Monoamine Modulation for Improved Treatment of Major Depressive Disorder. <i>Journal of Clinical Psychopharmacology</i> , 2003, 23, 78-86. | 1.4 | 114 |
| 155 | New Developments in Electroconvulsive Therapy and Magnetic Seizure Therapy. <i>CNS Spectrums</i> , 2003, 8, 529-536. | 1.2 | 49 |
| 156 | Lower Concentration of Hippocampal N-Acetylaspartate in Familial Bipolar I Disorder. <i>American Journal of Psychiatry</i> , 2003, 160, 873-882. | 7.2 | 142 |
| 157 | Gene Profile of Electroconvulsive Seizures: Induction of Neurotrophic and Angiogenic Factors. <i>Journal of Neuroscience</i> , 2003, 23, 10841-10851. | 3.6 | 342 |
| 158 | The neuropathology of mood disorders. , 2003, , 291-307. | | 1 |
| 159 | Hippocampal Neurogenesis Follows Kainic Acid-Induced Apoptosis in Neonatal Rats. <i>Journal of Neuroscience</i> , 2003, 23, 1742-1749. | 3.6 | 96 |
| 161 | Depression may be associated with hippocampal volume changes and HPA axis dysfunction: is treatment to remission the answer?: review article. <i>African Journal of Psychiatry</i> , 2004, 7, 5. | 0.1 | 0 |
| 162 | Stem Cells in the Adult Brain. , 2004, , 219-224. | | 2 |
| 164 | Eicosanoid Pathways in the Ageing of the Central Nervous System. , 0, , 457-462. | | 0 |
| 166 | Effect of Chronic Antidepressant Treatment on β -Receptor Coupled Signal Transduction Cascade. Which Effect Matters Most?. <i>Pharmacopsychiatry</i> , 2004, 37, 113-119. | 3.3 | 19 |
| 167 | Regulation of Neurogenesis and Angiogenesis in Depression. <i>Current Neurovascular Research</i> , 2004, 1, 261-267. | 1.1 | 71 |
| 168 | Brain imaging in anxiety disorders. <i>Expert Review of Neurotherapeutics</i> , 2004, 4, 275-284. | 2.8 | 89 |
| 169 | BDNF Serum Concentrations in Healthy Volunteers are Associated with Depression-Related Personality Traits. <i>Neuropsychopharmacology</i> , 2004, 29, 795-798. | 5.4 | 197 |
| 170 | Amygdala Volume Reductions in Pediatric Patients with Obsessive-Compulsive Disorder Treated with Paroxetine: Preliminary Findings. <i>Neuropsychopharmacology</i> , 2004, 29, 826-832. | 5.4 | 125 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 171 | Neurotransmitters and Substances of Abuse: Effects on Adult Neurogenesis. Current Neurovascular Research, 2004, 1, 251-260. | 1.1 | 33 |
| 172 | Effects of Antipsychotic Drugs on Neurogenesis in the Forebrain of the Adult Rat. Neuropsychopharmacology, 2004, 29, 1230-1238. | 5.4 | 159 |
| 173 | Effects of Chronic Haloperidol and Clozapine Treatment on Neurogenesis in the Adult Rat Hippocampus. Neuropsychopharmacology, 2004, 29, 1063-1069. | 5.4 | 170 |
| 174 | Neurotrophic factors and CNS disorders: findings in rodent models of depression and schizophrenia. Progress in Brain Research, 2004, 146, 151-165. | 1.4 | 105 |
| 176 | The critical role of cyclin D2 in adult neurogenesis. Journal of Cell Biology, 2004, 167, 209-213. | 5.2 | 170 |
| 177 | 13-cis-retinoic acid suppresses hippocampal cell division and hippocampal-dependent learning in mice. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 5111-5116. | 7.1 | 197 |
| 178 | 5-HT1A Receptors, Gene Repression, and Depression: Guilt by Association. Neuroscientist, 2004, 10, 575-593. | 3.5 | 223 |
| 179 | Neural Stem Cells: Progenitors or Panacea?. Developmental Neuroscience, 2004, 26, 82-92. | 2.0 | 11 |
| 180 | Antidepressant research in the era of functional genomics: Farewell to the monoamine hypothesis. Biogenic Amines, 2004, 18, 275-290. | 0.3 | 1 |
| 181 | Gene Expression Profiling of Depression and Suicide in Human Prefrontal Cortex. Neuropsychopharmacology, 2004, 29, 351-361. | 5.4 | 105 |
| 182 | Mood Stabilizer Valproate Promotes ERK Pathway-Dependent Cortical Neuronal Growth and Neurogenesis. Journal of Neuroscience, 2004, 24, 6590-6599. | 3.6 | 371 |
| 183 | Activation of cAMP-response-element-binding protein (CREB) after focal cerebral ischemia stimulates neurogenesis in the adult dentate gyrus. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9453-9457. | 7.1 | 156 |
| 184 | Activation of cAMP Signaling Facilitates the Morphological Maturation of Newborn Neurons in Adult Hippocampus. Journal of Neuroscience, 2004, 24, 319-328. | 3.6 | 173 |
| 185 | Experience-driven brain plasticity: beyond the synapse. Neuron Glia Biology, 2004, 1, 351-363. | 1.6 | 383 |
| 186 | GENETIC APPROACHES TO THE STUDY OF ANXIETY. Annual Review of Neuroscience, 2004, 27, 193-222. | 10.7 | 124 |
| 187 | Lower Hippocampal Volume in Patients Suffering From Depression: A Meta-Analysis. American Journal of Psychiatry, 2004, 161, 598-607. | 7.2 | 978 |
| 188 | The response of synaptophysin and microtubule-associated protein 1 to restraint stress in rat hippocampus and its modulation by venlafaxine. Journal of Neurochemistry, 2004, 91, 1380-1388. | 3.9 | 60 |
| 189 | Neural stem cells as therapeutic agents for age-related brain repair. Aging Cell, 2004, 3, 345-351. | 6.7 | 64 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 190 | Functional consequences of stress-related suppression of adult hippocampal neurogenesis - a novel hypothesis on the neurobiology of burnout. <i>Acta Neurologica Scandinavica</i> , 2004, 110, 275-280. | 2.1 | 48 |
| 191 | Fate of Newborn Dentate Granule Cells after Early Life Status Epilepticus. <i>Epilepsia</i> , 2004, 45, 13-19. | 5.1 | 39 |
| 192 | Dopamine depletion impairs precursor cell proliferation in Parkinson disease. <i>Nature Neuroscience</i> , 2004, 7, 726-735. | 14.8 | 842 |
| 193 | From monoamines to genomic targets: a paradigm shift for drug discovery in depression. <i>Nature Reviews Drug Discovery</i> , 2004, 3, 136-151. | 46.4 | 192 |
| 194 | Short-term lithium treatment promotes neuronal survival and proliferation in rat striatum infused with quinolinic acid, an excitotoxic model of Huntington's disease. <i>Molecular Psychiatry</i> , 2004, 9, 371-385. | 7.9 | 95 |
| 195 | Blockade of CRF1 or V1b receptors reverses stress-induced suppression of neurogenesis in a mouse model of depression. <i>Molecular Psychiatry</i> , 2004, 9, 278-286. | 7.9 | 283 |
| 196 | Emerging experimental therapeutics for bipolar disorder: clues from the molecular pathophysiology. <i>Molecular Psychiatry</i> , 2004, 9, 756-776. | 7.9 | 73 |
| 197 | Glutamate as a therapeutic target in psychiatric disorders. <i>Molecular Psychiatry</i> , 2004, 9, 984-997. | 7.9 | 457 |
| 198 | The developmental origins of anxiety. <i>Nature Reviews Neuroscience</i> , 2004, 5, 545-552. | 10.2 | 442 |
| 199 | Comprehensive expression analysis of a rat depression model. <i>Pharmacogenomics Journal</i> , 2004, 4, 114-126. | 2.0 | 42 |
| 200 | Recovery of hippocampal cell proliferation and BDNF levels, both of which are reduced by repeated restraint stress, is accelerated by chronic venlafaxine. <i>Pharmacogenomics Journal</i> , 2004, 4, 322-331. | 2.0 | 62 |
| 201 | The NPY system in stress, anxiety and depression. <i>Neuropeptides</i> , 2004, 38, 213-224. | 2.2 | 534 |
| 202 | 3 β ,5 α -THP mediates progestins' effects to protect against adrenalectomy-induced cell death in the dentate gyrus of female and male rats. <i>Pharmacology Biochemistry and Behavior</i> , 2004, 78, 505-512. | 2.9 | 26 |
| 203 | New insights into the mechanisms of antidepressant therapy. , 2004, 102, 47-60. | | 98 |
| 204 | Physiology of BDNF: focus on hypothalamic function. <i>Frontiers in Neuroendocrinology</i> , 2004, 25, 77-107. | 5.2 | 313 |
| 205 | Decreased cortical gray and cerebral white matter in male patients with familial bipolar I disorder*1. <i>Journal of Affective Disorders</i> , 2004, 82, 475-85. | 4.1 | 43 |
| 206 | Mood stabilizers and the cell biology of neuronal growth cones. <i>Clinical Neuroscience Research</i> , 2004, 4, 189-199. | 0.8 | 4 |
| 207 | Lithium protection from glutamate excitotoxicity: therapeutic implications. <i>Clinical Neuroscience Research</i> , 2004, 4, 243-252. | 0.8 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 208 | Effect of antidepressants on GABAB receptor function and subunit expression in rat hippocampus. <i>Biochemical Pharmacology</i> , 2004, 68, 1489-1495. | 4.4 | 42 |
| 209 | Expression analysis of brain-derived neurotrophic factor (BDNF) mRNA isoforms after chronic and acute antidepressant treatment. <i>Brain Research</i> , 2004, 1000, 148-155. | 2.2 | 43 |
| 210 | Chronic ethanol consumption transiently reduces adult neural progenitor cell proliferation. <i>Brain Research</i> , 2004, 1011, 94-98. | 2.2 | 44 |
| 211 | Eugenol exhibits antidepressant-like activity in mice and induces expression of metallothionein-III in the hippocampus. <i>Brain Research</i> , 2004, 1011, 243-246. | 2.2 | 58 |
| 212 | Fluoxetine inhibits A-type potassium currents in primary cultured rat hippocampal neurons. <i>Brain Research</i> , 2004, 1018, 201-207. | 2.2 | 32 |
| 213 | The effect of escitalopram, desipramine, electroconvulsive seizures and lithium on brain-derived neurotrophic factor mRNA and protein expression in the rat brain and the correlation to 5-HT and 5-HIAA levels. <i>Brain Research</i> , 2004, 1024, 183-192. | 2.2 | 170 |
| 214 | Regulation of Antidepressant Activity by cAMP Response Element Binding Proteins. <i>Molecular Neurobiology</i> , 2004, 30, 143-156. | 4.0 | 31 |
| 215 | Role of Neurotrophic Factors in the Etiology and Treatment of Mood Disorders. <i>NeuroMolecular Medicine</i> , 2004, 5, 011-026. | 3.4 | 463 |
| 216 | The Serotonergic System and Anxiety. <i>NeuroMolecular Medicine</i> , 2004, 5, 027-040. | 3.4 | 153 |
| 217 | Effects of Antidepressant Drug Imipramine on Gene Expression in Rat Prefrontal Cortex. <i>Neurochemical Research</i> , 2004, 29, 1235-1244. | 3.3 | 21 |
| 218 | 13-cisRetinoic Acid (Accutane) Suppresses Hippocampal Cell Survival in Mice. <i>Annals of the New York Academy of Sciences</i> , 2004, 1021, 436-440. | 3.8 | 46 |
| 219 | Neuroanatomical Changes Associated with Pharmacotherapy in Posttraumatic Stress Disorder. <i>Annals of the New York Academy of Sciences</i> , 2004, 1032, 154-157. | 3.8 | 86 |
| 220 | Hippocampal volume and cell proliferation after acute and chronic clozapine or haloperidol treatment. <i>Journal of Neural Transmission</i> , 2004, 111, 91-100. | 2.8 | 52 |
| 221 | State of the art of the neurotrophin hypothesis in psychiatric disorders: implications and limitations. <i>Journal of Neural Transmission</i> , 2004, 111, 387-411. | 2.8 | 113 |
| 222 | Gene-environment interplay in neurogenesis and neurodegeneration. <i>Neurotoxicity Research</i> , 2004, 6, 415-434. | 2.7 | 11 |
| 223 | Brain plasticity and antidepressant treatments: New cells, new connections. <i>Neurotoxicity Research</i> , 2004, 6, 483-489. | 2.7 | 5 |
| 224 | Genetic and environmental factors interact to influence anxiety. <i>Neurotoxicity Research</i> , 2004, 6, 493-501. | 2.7 | 39 |
| 225 | The status of the sensitization/kindling hypothesis of bipolar disorder. <i>Current Psychosis & Therapeutics Reports</i> , 2004, 2, 135-141. | 0.1 | 12 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 226 | Gene dose-dependent alterations in extraneuronal serotonin but not dopamine in mice with reduced serotonin transporter expression. <i>Journal of Neuroscience Methods</i> , 2004, 140, 169-181. | 2.5 | 256 |
| 228 | Suppressed proliferation and apoptotic changes in the rat dentate gyrus after acute and chronic stress are reversible. <i>European Journal of Neuroscience</i> , 2004, 19, 131-144. | 2.6 | 286 |
| 229 | NTP-CERHR Expert Panel Report on the reproductive and developmental toxicity of fluoxetine. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2004, 71, 193-280. | 1.4 | 27 |
| 230 | Association study of brain-derived neurotrophic factor in adults with a history of childhood onset mood disorder. <i>American Journal of Medical Genetics Part A</i> , 2004, 131B, 16-19. | 2.4 | 99 |
| 231 | Proteomic analysis of protein changes developing in rat hippocampus after chronic antidepressant treatment: Implications for depressive disorders and future therapies. <i>Journal of Neuroscience Research</i> , 2004, 75, 451-460. | 2.9 | 188 |
| 233 | Mechanisms of depression: the role of neurogenesis. <i>Drug Discovery Today Disease Mechanisms</i> , 2004, 1, 407-411. | 0.8 | 42 |
| 234 | GSK-3 and neurotrophic signaling: novel targets underlying the pathophysiology and treatment of mood disorders?. <i>Drug Discovery Today Disease Mechanisms</i> , 2004, 1, 419-428. | 0.8 | 8 |
| 235 | Therapeutics for depression and anxiety disorders. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2004, 1, 105-109. | 0.5 | 10 |
| 236 | Electroconvulsive seizures induce endothelial cell proliferation in adult rat hippocampus. <i>Biological Psychiatry</i> , 2004, 55, 420-427. | 1.3 | 83 |
| 237 | Effects of glucocorticoids on declarative memory function in major depression. <i>Biological Psychiatry</i> , 2004, 55, 811-815. | 1.3 | 72 |
| 238 | Repeated electroconvulsive stimulation impairs long-term depression in the neostriatum. <i>Biological Psychiatry</i> , 2004, 55, 472-476. | 1.3 | 15 |
| 239 | Antidepressant treatment with tianeptine reduces apoptosis in the hippocampal dentate gyrus and temporal cortex. <i>Biological Psychiatry</i> , 2004, 55, 789-796. | 1.3 | 181 |
| 240 | Fluoxetine and olanzapine have synergistic effects in the modulation of fibroblast growth factor 2 expression within the rat brain. <i>Biological Psychiatry</i> , 2004, 55, 1095-1102. | 1.3 | 99 |
| 241 | Depression: a case of neuronal life and death?. <i>Biological Psychiatry</i> , 2004, 56, 140-145. | 1.3 | 532 |
| 242 | Hippocampal volume, memory, and cortisol status in major depressive disorder: effects of treatment. <i>Biological Psychiatry</i> , 2004, 56, 101-112. | 1.3 | 454 |
| 243 | Neurogenesis and depression: etiology or epiphenomenon?. <i>Biological Psychiatry</i> , 2004, 56, 146-150. | 1.3 | 176 |
| 244 | Chronic olanzapine or fluoxetine administration increases cell proliferation in hippocampus and prefrontal cortex of adult rat. <i>Biological Psychiatry</i> , 2004, 56, 570-580. | 1.3 | 347 |
| 245 | High-affinity nicotinic acetylcholine receptors are required for antidepressant effects of amitriptyline on behavior and hippocampal cell proliferation. <i>Biological Psychiatry</i> , 2004, 56, 657-664. | 1.3 | 114 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 246 | Males and females respond differently to controllability and antidepressant treatment. <i>Biological Psychiatry</i> , 2004, 56, 964-970. | 1.3 | 83 |
| 247 | Neurogenesis in the Adult Brain: New Strategies for Central Nervous System Diseases. <i>Annual Review of Pharmacology and Toxicology</i> , 2004, 44, 399-421. | 9.4 | 567 |
| 248 | Constitutive and Induced Neurogenesis in the Adult Mammalian Brain: Manipulation of Endogenous Precursors toward CNS Repair. <i>Developmental Neuroscience</i> , 2004, 26, 101-117. | 2.0 | 42 |
| 249 | The repair of complex neuronal circuitry by transplanted and endogenous precursors. <i>NeuroRx</i> , 2004, 1, 452-471. | 6.0 | 38 |
| 250 | Tachykinins. <i>Handbook of Experimental Pharmacology</i> , 2004, , . | 1.8 | 3 |
| 251 | Retinoic Acid Signaling in the Nervous System of Adult Vertebrates. <i>Neuroscientist</i> , 2004, 10, 409-421. | 3.5 | 119 |
| 252 | Neurotrophic effects of antidepressant drugs. <i>Current Opinion in Pharmacology</i> , 2004, 4, 58-64. | 3.5 | 219 |
| 253 | Increased cell proliferation in the adult mouse hippocampus following chronic administration of group II metabotropic glutamate receptor antagonist, MGS0039. <i>Biochemical and Biophysical Research Communications</i> , 2004, 315, 493-496. | 2.1 | 113 |
| 254 | Emergent properties of CNS neuronal networks as targets for pharmacology: application to anticonvulsant drug action. <i>Progress in Neurobiology</i> , 2004, 72, 55-85. | 5.7 | 95 |
| 255 | Modulation of hippocampal cell proliferation, memory, and amyloid plaque deposition in APPsw (Tg2576) mutant mice by isolation stress. <i>Neuroscience</i> , 2004, 127, 601-609. | 2.3 | 312 |
| 256 | Multiple memory systems: The power of interactions. <i>Neurobiology of Learning and Memory</i> , 2004, 82, 333-346. | 1.9 | 88 |
| 257 | Effects of dexamethasone on declarative memory function in posttraumatic stress disorder. <i>Psychiatry Research</i> , 2004, 129, 1-10. | 3.3 | 44 |
| 258 | Restraint stress affects hippocampal cell proliferation differently in rats and mice. <i>Neuroscience Letters</i> , 2004, 368, 7-10. | 2.1 | 75 |
| 259 | Altering the course of neurodevelopment: a framework for understanding the enduring effects of psychotropic drugs. <i>International Journal of Developmental Neuroscience</i> , 2004, 22, 423-440. | 1.6 | 114 |
| 260 | Treatment with selective serotonin reuptake inhibitors for enhancing wound healing. <i>Medical Hypotheses</i> , 2004, 63, 103-109. | 1.5 | 21 |
| 261 | Effects of Chronic Stress on Structure and Cell Function in Rat Hippocampus and Hypothalamus. <i>Stress</i> , 2004, 7, 221-231. | 1.8 | 281 |
| 262 | Serotonin-Induced Increases in Adult Cell Proliferation and Neurogenesis are Mediated Through Different and Common 5-HT Receptor Subtypes in the Dentate Gyrus and the Subventricular Zone. <i>Neuropsychopharmacology</i> , 2004, 29, 450-460. | 5.4 | 464 |
| 263 | Excitation-Neurogenesis Coupling in Adult Neural Stem/Progenitor Cells. <i>Neuron</i> , 2004, 42, 535-552. | 8.1 | 606 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 265 | Neural Stem Cell Models of Development and Disease. , 2003, , 1-54. | | 1 |
| 266 | Neuroplasticity: from MRI to depressive symptoms. European Neuropsychopharmacology, 2004, 14, S503-S510. | 0.7 | 130 |
| 267 | Alterations of neuroplasticity in depression: the hippocampus and beyond. European Neuropsychopharmacology, 2004, 14, S481-S490. | 0.7 | 213 |
| 268 | Opposite Changes in the Serum Brain-Derived Neurotrophic Factor in Anorexia Nervosa and Obesity. Psychosomatic Medicine, 2004, 66, 744-748. | 2.0 | 102 |
| 269 | A Role for Glia in the Action of Electroconvulsive Therapy. Harvard Review of Psychiatry, 2004, 12, 253-262. | 2.1 | 20 |
| 270 | Gene expression profile analysis of the rat cortex following treatment with imipramine and citalopram. International Journal of Neuropsychopharmacology, 2004, 7, 401-413. | 2.1 | 28 |
| 271 | Depressed neurogenesis and its role in the genesis of depression. Commentary on Fuchs et al., Examining novel concepts of the pathophysiology of depression in the chronic psychosocial stress paradigm in tree shrews. Behavioural Pharmacology, 2004, 15, 365-368. | 1.7 | 5 |
| 272 | Examining novel concepts of the pathophysiology of depression in the chronic psychosocial stress paradigm in tree shrews. Behavioural Pharmacology, 2004, 15, 315-325. | 1.7 | 65 |
| 273 | Exercise reverses ethanol inhibition of neural stem cell proliferation. Alcohol, 2004, 33, 63-71. | 1.7 | 141 |
| 274 | Does Electrode Placement Predict Time to Rehospitalization?. Journal of ECT, 2004, 20, 213-218. | 0.6 | 9 |
| 277 | The antidepressant effect of running is associated with increased hippocampal cell proliferation. International Journal of Neuropsychopharmacology, 2005, 8, 357-368. | 2.1 | 190 |
| 278 | Is there a role for the endocannabinoid system in the etiology and treatment of melancholic depression?. Behavioural Pharmacology, 2005, 16, 333-352. | 1.7 | 169 |
| 279 | Duration of illness and treatment effects on hippocampal volume in male patients with schizophrenia. British Journal of Psychiatry, 2005, 186, 26-31. | 2.8 | 127 |
| 280 | Course of Illness, Hippocampal Function, and Hippocampal Volume in Major Depression. Focus (American Psychiatric Publishing), 2005, 3, 146-155. | 0.8 | 10 |
| 282 | Lithium: Potential Therapeutics Against Acute Brain Injuries and Chronic Neurodegenerative Diseases. Journal of Pharmacological Sciences, 2005, 99, 307-321. | 2.5 | 142 |
| 284 | Topographic analysis of cell proliferation in the hippocampus of the adult mouse. NeuroReport, 2005, 16, 2033-2036. | 1.2 | 4 |
| 285 | Effects of psychotherapy on hippocampal volume in out-patients with post-traumatic stress disorder: a MRI investigation. Psychological Medicine, 2005, 35, 1421-1431. | 4.5 | 128 |
| 286 | The Role of Sigma Receptors in Depression. Journal of Pharmacological Sciences, 2005, 97, 317-336. | 2.5 | 125 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 287 | Early life genetic, epigenetic and environmental factors shaping emotionality in rodents. <i>Neuroscience and Biobehavioral Reviews</i> , 2005, 29, 1335-1346. | 6.1 | 266 |
| 288 | Mood Stabilizers Target Cellular Plasticity and Resilience Cascades: Implications for the Development of Novel Therapeutics. <i>Molecular Neurobiology</i> , 2005, 32, 173-202. | 4.0 | 139 |
| 289 | Neuropeptide δ stimulates neuronal precursor proliferation in the postnatal and adult dentate gyrus. <i>Journal of Neurochemistry</i> , 2005, 93, 560-570. | 3.9 | 174 |
| 290 | HT_{1A} receptors couple to activation of Akt, but not extracellular-regulated kinase (ERK), in cultured hippocampal neurons. <i>Journal of Neurochemistry</i> , 2005, 93, 910-917. | 3.9 | 60 |
| 291 | Metabotropic glutamate receptors and neuroadaptation to antidepressants: imipramine-induced down-regulation of β_2 -adrenergic receptors in mice treated with metabotropic glutamate 2/3 receptor ligands. <i>Journal of Neurochemistry</i> , 2005, 93, 1345-1352. | 3.9 | 31 |
| 292 | Short-term treatment with the antidepressant fluoxetine triggers pyramidal dendritic spine synapse formation in rat hippocampus. <i>European Journal of Neuroscience</i> , 2005, 21, 1299-1303. | 2.6 | 220 |
| 293 | Offer and demand: proliferation and survival of neurons in the dentate gyrus. <i>European Journal of Neuroscience</i> , 2005, 21, 3205-3216. | 2.6 | 53 |
| 294 | Recruitment of the Sonic hedgehog signalling cascade in electroconvulsive seizure-mediated regulation of adult rat hippocampal neurogenesis. <i>European Journal of Neuroscience</i> , 2005, 22, 1570-1580. | 2.6 | 66 |
| 295 | Cognitive disorders and neurogenesis deficits in Huntington's disease mice are rescued by fluoxetine. <i>European Journal of Neuroscience</i> , 2005, 22, 2081-2088. | 2.6 | 170 |
| 296 | Sleep deprivation suppresses neurogenesis in the adult hippocampus of rats. <i>European Journal of Neuroscience</i> , 2005, 22, 2111-2116. | 2.6 | 163 |
| 297 | Impaired fear memory and decreased hippocampal neurogenesis following olfactory bulbectomy in rats. <i>European Journal of Neuroscience</i> , 2005, 22, 2871-2878. | 2.6 | 67 |
| 298 | Is mood chemistry?. <i>Nature Reviews Neuroscience</i> , 2005, 6, 241-246. | 10.2 | 508 |
| 299 | Stress and the brain: from adaptation to disease. <i>Nature Reviews Neuroscience</i> , 2005, 6, 463-475. | 10.2 | 3,857 |
| 300 | Stem and progenitor cell-based therapy of the human central nervous system. <i>Nature Biotechnology</i> , 2005, 23, 862-871. | 17.5 | 346 |
| 301 | Young and excitable: the function of new neurons in the adult mammalian brain. <i>Current Opinion in Neurobiology</i> , 2005, 15, 121-128. | 4.2 | 217 |
| 302 | Effect of chronic intermittent restraint stress on hippocampal expression of marker proteins for synaptic plasticity and progenitor cell proliferation in rats. <i>Brain Research</i> , 2005, 1040, 55-63. | 2.2 | 123 |
| 303 | Fluoxetine and recovery of motor function after focal ischemia in rats. <i>Brain Research</i> , 2005, 1044, 25-32. | 2.2 | 73 |
| 304 | Ketamine pre-treatment dissociates the effects of electroconvulsive stimulation on mossy fibre sprouting and cellular proliferation in the dentate gyrus. <i>Brain Research</i> , 2005, 1053, 27-32. | 2.2 | 24 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 305 | Strategies for producing faster acting antidepressants. Drug Discovery Today, 2005, 10, 578-585. | 6.4 | 122 |
| 306 | Partial serotonergic denervation decreases progenitor cell proliferation in the adult rat hippocampus, but has no effect on rat behavior in the forced swimming test. Pharmacology Biochemistry and Behavior, 2005, 80, 549-556. | 2.9 | 12 |
| 307 | Distress proneness and cognitive decline in a population of older persons. Psychoneuroendocrinology, 2005, 30, 11-17. | 2.7 | 110 |
| 308 | Volumetric MRI measurement of caudate nuclei in antipsychotic-naïve patients suffering from a first episode of psychosis. Journal of Psychiatric Research, 2005, 39, 365-370. | 3.1 | 32 |
| 309 | Preclinical approaches to examine novel concepts of the pathophysiology of depressive disorders: lessons learned from tree shrews. Drug Development Research, 2005, 65, 309-317. | 2.9 | 4 |
| 310 | Possibility for neurogenesis in substantia nigra of parkinsonian brain. Annals of Neurology, 2005, 58, 31-40. | 5.3 | 120 |
| 312 | Examining SLV-323, a novel NK1 receptor antagonist, in a chronic psychosocial stress model for depression. Psychopharmacology, 2005, 180, 548-557. | 3.1 | 29 |
| 313 | The Flinders Sensitive Line rat: A selectively bred putative animal model of depression. Neuroscience and Biobehavioral Reviews, 2005, 29, 739-759. | 6.1 | 354 |
| 314 | Effect of treatment on serum brain-derived neurotrophic factor levels in depressed patients. European Archives of Psychiatry and Clinical Neuroscience, 2005, 255, 381-386. | 3.2 | 320 |
| 315 | Decreased cell proliferation in the dentate gyrus of rats after repeated administration of cocaine. Synapse, 2005, 58, 63-71. | 1.2 | 42 |
| 316 | Cannabinoids promote embryonic and adult hippocampus neurogenesis and produce anxiolytic- and antidepressant-like effects. Journal of Clinical Investigation, 2005, 115, 3104-3116. | 8.2 | 446 |
| 318 | Endogenous and Exogenous CNS Derived Stem / Progenitor Cell Approaches for Neurotrauma. Current Drug Targets, 2005, 6, 111-126. | 2.1 | 71 |
| 319 | Stem cells and cell-based therapy in neurodegenerative disease. , 2005, , 347-362. | | 1 |
| 320 | Neurogenesis. , 2005, , 261-289. | | 0 |
| 321 | Neuroscience, Molecular Medicine, and New Approaches to the Treatment of Depression and Anxiety. , 2005, , 193-214. | | 1 |
| 323 | Neurogenesis as a potential therapeutic strategy for neurodegenerative disorders. Journal of Alzheimer's Disease, 2005, 6, S19-S25. | 2.6 | 4 |
| 324 | Pharmacological Manipulation of Neural Progenitor Pathways In Situ: Possibilities for Neural Restoration in the Injured Adult Brain. Current Medicinal Chemistry - Central Nervous System Agents, 2005, 5, 67-81. | 0.5 | 1 |
| 325 | Unipolar Depression. , 2005, , 189-203. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 326 | AMPA Receptor Potentiators as Novel Antidepressants. Current Pharmaceutical Design, 2005, 11, 1511-1527. | 1.9 | 56 |
| 327 | Brain-Derived Neurotrophic Factor and Antidepressant Activity. Current Pharmaceutical Design, 2005, 11, 1495-1510. | 1.9 | 147 |
| 328 | Signals Regulating Neurogenesis in the Adult Olfactory Bulb. Chemical Senses, 2005, 30, i109-i110. | 2.0 | 10 |
| 329 | Electroconvulsive Seizure Treatment Increases Cell Proliferation in Rat Frontal Cortex. Neuropsychopharmacology, 2005, 30, 27-34. | 5.4 | 120 |
| 330 | Dopamine Specifically Inhibits Forebrain Neural Stem Cell Proliferation, Suggesting a Novel Effect of Antipsychotic Drugs. Journal of Neuroscience, 2005, 25, 5815-5823. | 3.6 | 188 |
| 331 | Nutrients, Stress, and Medical Disorders. , 2005, , . | | 5 |
| 332 | Effects of phenytoin on memory, cognition and brain structure in post-traumatic stress disorder: a pilot study. Journal of Psychopharmacology, 2005, 19, 159-165. | 4.0 | 95 |
| 333 | Increasing Hippocampal Neurogenesis: A Novel Mechanism for Antidepressant Drugs. Current Pharmaceutical Design, 2005, 11, 145-155. | 1.9 | 144 |
| 334 | Adult neurogenesis in rodents and primates: functional implications. Handbook of Behavioral Neuroscience, 2005, 15, 711-727. | 0.0 | 1 |
| 335 | Brain-Derived Neurotrophic Factor and Antidepressant Drugs Have Different But Coordinated Effects on Neuronal Turnover, Proliferation, and Survival in the Adult Dentate Gyrus. Journal of Neuroscience, 2005, 25, 1089-1094. | 3.6 | 690 |
| 336 | Circulating brain-derived neurotrophic factor is decreased in women with anorexia and bulimia nervosa but not in women with binge-eating disorder: relationships to co-morbid depression, psychopathology and hormonal variables. Psychological Medicine, 2005, 35, 897-905. | 4.5 | 99 |
| 337 | Chronic Oral Treatment with 13-cis-Retinoic Acid (Isotretinoin) or all-trans-Retinoic Acid Does Not Alter Depression-Like Behaviors in Rats. Toxicological Sciences, 2005, 87, 451-459. | 3.1 | 52 |
| 338 | Resiliency in Maltreated Children. , 2005, , 181-200. | | 4 |
| 339 | Light and Electron Microscopic Immunohistochemical Detection of Bromodeoxyuridine-labeled Cells in the Brain: Different Fixation and Processing Protocols. Journal of Histochemistry and Cytochemistry, 2005, 53, 821-832. | 2.5 | 41 |
| 340 | Estrogen Increases Nociception-Evoked Brain-Derived Neurotrophic Factor Gene Expression in the Female Rat. Neuroendocrinology, 2005, 81, 193-199. | 2.5 | 58 |
| 341 | Glucocorticoids, depression, and mood disorders: structural remodeling in the brain. Metabolism: Clinical and Experimental, 2005, 54, 20-23. | 3.4 | 611 |
| 342 | Association of human hippocampal neurochemistry, serotonin transporter genetic variation, and anxiety. Neurolmage, 2005, 26, 123-131. | 4.2 | 30 |
| 343 | Mood-stabilizing Drugs: Are Their Neuroprotective Aspects Clinically Relevant?. Psychiatric Clinics of North America, 2005, 28, 399-414. | 1.3 | 10 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 344 | NPY and Hippocampal Neurogenesis. , 2005, , 201-222. | | 0 |
| 347 | Cell-based therapies for disorders of the CNS. Expert Opinion on Therapeutic Patents, 2005, 15, 1361-1376. | 5.0 | 3 |
| 348 | Moderate ethanol consumption increases hippocampal cell proliferation and neurogenesis in the adult mouse. International Journal of Neuropsychopharmacology, 2005, 8, 557. | 2.1 | 68 |
| 349 | Serotonin Modulates the Suppressive Effects of Corticosterone on Proliferating Progenitor Cells in the Dentate Gyrus of the Hippocampus in the Adult Rat. Neuropsychopharmacology, 2005, 30, 231-241. | 5.4 | 35 |
| 350 | Adult Neurogenesis: From Precursors to Network and Physiology. Physiological Reviews, 2005, 85, 523-569. | 28.8 | 882 |
| 351 | Serotonin receptor activation leads to neurite outgrowth and neuronal survival. Molecular Brain Research, 2005, 138, 228-235. | 2.3 | 118 |
| 352 | Neuropharmacological profiles of antagonists of group II metabotropic glutamate receptors. Neuroscience Letters, 2005, 378, 131-134. | 2.1 | 67 |
| 353 | Cell proliferation is reduced in the dentate gyrus of aged but not young Ts65Dn mice, a model of Down syndrome. Neuroscience Letters, 2005, 380, 197-201. | 2.1 | 57 |
| 354 | Ginseng enhances contextual fear conditioning and neurogenesis in rats. Neuroscience Research, 2005, 51, 31-38. | 1.9 | 27 |
| 355 | Thyroid hormone regulates hippocampal neurogenesis in the adult rat brain. Molecular and Cellular Neurosciences, 2005, 29, 414-426. | 2.2 | 197 |
| 356 | The meaning of mammalian adult neurogenesis and the function of newly added neurons: the "small-world" network. Medical Hypotheses, 2005, 64, 114-117. | 1.5 | 9 |
| 357 | Effects of active shock avoidance learning on hippocampal neurogenesis and plasma levels of corticosterone. Behavioural Brain Research, 2005, 157, 23-30. | 2.2 | 50 |
| 358 | Decreased proliferation in the adult rat hippocampus after exposure to the Morris water maze and its reversal by fluoxetine. Behavioural Brain Research, 2005, 163, 26-32. | 2.2 | 23 |
| 359 | A neurobiological perspective on attachment problems in sexual offenders and the role of selective serotonin re-uptake inhibitors in the treatment of such problems. Clinical Psychology Review, 2005, 25, 153-182. | 11.4 | 102 |
| 360 | Input from the medial septum regulates adult hippocampal neurogenesis. Brain Research Bulletin, 2005, 67, 117-125. | 3.0 | 60 |
| 361 | Glucocorticoid regulation of glial responses during hippocampal neurodegeneration and regeneration. Brain Research Reviews, 2005, 48, 287-301. | 9.0 | 88 |
| 362 | Effect of neurokinin-1 receptor antagonists on serotonergic, noradrenergic and hippocampal neurons: Comparison with antidepressant drugs. Peptides, 2005, 26, 1383-1393. | 2.4 | 65 |
| 363 | Adult neurogenesis and repair of the adult CNS with neural progenitors, precursors, and stem cells. Progress in Neurobiology, 2005, 75, 321-341. | 5.7 | 354 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 364 | Pharmacogenetics of the serotonin transporter. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2005, 29, 1062-1073. | 4.8 | 143 |
| 365 | Antidepressant-elicited changes in gene expression. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2005, 29, 999-1009. | 4.8 | 31 |
| 366 | Chronic treatment with fluoxetine decreases seizure threshold in naïve but not in rats exposed to the learned helplessness paradigm: Correlation with the hippocampal glutamate release. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2005, 29, 678-686. | 4.8 | 39 |
| 367 | Stress in early life inhibits neurogenesis in adulthood. Trends in Neurosciences, 2005, 28, 171-172. | 8.6 | 97 |
| 368 | Antidepressant action: to the nucleus and beyond. Trends in Pharmacological Sciences, 2005, 26, 631-638. | 8.7 | 178 |
| 369 | Neurotrophic factors and regulation of mood: Role of exercise, diet and metabolism. Neurobiology of Aging, 2005, 26, 88-93. | 3.1 | 130 |
| 370 | GABAergic Excitation Promotes Neuronal Differentiation in Adult Hippocampal Progenitor Cells. Neuron, 2005, 47, 803-815. | 8.1 | 657 |
| 371 | Group I metabotropic glutamate receptors reduce excitotoxic injury and may facilitate neurogenesis. Neuropharmacology, 2005, 49, 146-156. | 4.1 | 72 |
| 372 | The distribution of progenitor cells in the subependymal layer of the lateral ventricle in the normal and Huntington's disease human brain. Neuroscience, 2005, 132, 777-788. | 2.3 | 124 |
| 373 | Selective serotonin reuptake inhibitor treatment of early postnatal mice reverses their prenatal stress-induced brain dysfunction. Neuroscience, 2005, 133, 893-901. | 2.3 | 118 |
| 374 | The pathogenesis of clinical depression: Stressor- and cytokine-induced alterations of neuroplasticity. Neuroscience, 2005, 135, 659-678. | 2.3 | 282 |
| 375 | The role of 5-HT1A receptors in the proliferation and survival of progenitor cells in the dentate gyrus of the adult hippocampus and their regulation by corticoids. Neuroscience, 2005, 135, 803-813. | 2.3 | 61 |
| 376 | Effect of long-lasting serotonin depletion on environmental enrichment-induced neurogenesis in adult rat hippocampus and spatial learning. Neuroscience, 2005, 135, 395-402. | 2.3 | 61 |
| 377 | Innovative approaches for the development of antidepressant drugs: Current and future strategies. NeuroRx, 2005, 2, 590-611. | 6.0 | 187 |
| 378 | Activation of Cdk2-pRB-E2F1 cell cycle pathway by repeated electroconvulsive shock in the rat frontal cortex. Biological Psychiatry, 2005, 57, 107-109. | 1.3 | 12 |
| 379 | Psychosocial context of antidepressant response. Biological Psychiatry, 2005, 57, 314. | 1.3 | 0 |
| 381 | Alterations in cell adhesion molecule L1 and functionally related genes in major depression: A postmortem study. Biological Psychiatry, 2005, 57, 716-725. | 1.3 | 50 |
| 382 | Late-Life Depression: A Model for Medical Classification. Biological Psychiatry, 2005, 58, 283-289. | 1.3 | 64 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 383 | The Val66Met Coding Variant of the Brain-Derived Neurotrophic Factor (BDNF) Gene Does Not Contribute Toward Variation in the Personality Trait Neuroticism. <i>Biological Psychiatry</i> , 2005, 58, 738-742. | 1.3 | 54 |
| 384 | Electroconvulsive Seizures Induce Angiogenesis in Adult Rat Hippocampus. <i>Biological Psychiatry</i> , 2005, 58, 871-878. | 1.3 | 99 |
| 385 | Overview of the field. <i>Metabolism: Clinical and Experimental</i> , 2005, 54, 5-9. | 3.4 | 6 |
| 386 | Unkind cytokines: Current evidence for the potential role of cytokines in immune-mediated depression. <i>International Review of Psychiatry</i> , 2005, 17, 477-483. | 2.8 | 40 |
| 387 | Glycogen Synthase Kinase-3: a Putative Molecular Target for Lithium Mimetic Drugs. <i>Neuropsychopharmacology</i> , 2005, 30, 1223-1237. | 5.4 | 339 |
| 390 | Adult Neurogenesis and Central Nervous System Cell Cycle Analysis. , 2006, , 331-358. | | 1 |
| 392 | Could agomelatine be the ideal antidepressant?. <i>Expert Review of Neurotherapeutics</i> , 2006, 6, 1595-1608. | 2.8 | 58 |
| 393 | Hippocampal Cytogenesis Correlates to Escitalopram-Mediated Recovery in a Chronic Mild Stress Rat Model of Depression. <i>Neuropsychopharmacology</i> , 2006, 31, 2395-2404. | 5.4 | 322 |
| 394 | A Neurotrophic Model for Stress-Related Mood Disorders. <i>Biological Psychiatry</i> , 2006, 59, 1116-1127. | 1.3 | 2,873 |
| 395 | Stimulation of Neurogenesis in the Hippocampus of the Adult Rat by Fluoxetine Requires Rhythmic Change in Corticosterone. <i>Biological Psychiatry</i> , 2006, 59, 619-624. | 1.3 | 139 |
| 396 | Distribution of Serotonin Transporter Labeled Fibers in Amygdaloid Subregions: Implications for Mood Disorders. <i>Biological Psychiatry</i> , 2006, 60, 479-490. | 1.3 | 47 |
| 397 | Brain-Derived Neurotrophic Factorâ€™5-HTTLPR Gene Interactions and Environmental Modifiers of Depression in Children. <i>Biological Psychiatry</i> , 2006, 59, 673-680. | 1.3 | 655 |
| 398 | Region Specific Hypothalamic Neuronal Activation and Endothelial Cell Proliferation in Response to Electroconvulsive Seizures. <i>Biological Psychiatry</i> , 2006, 60, 874-881. | 1.3 | 26 |
| 399 | Agomelatine, a New Antidepressant, Induces Regional Changes in Hippocampal Neurogenesis. <i>Biological Psychiatry</i> , 2006, 59, 1087-1096. | 1.3 | 292 |
| 400 | Hippocampal Neurogenesis: Regulation by Stress and Antidepressants. <i>Biological Psychiatry</i> , 2006, 59, 1136-1143. | 1.3 | 553 |
| 401 | Juvenile Administration of Methylphenidate Attenuates Adult Hippocampal Neurogenesis. <i>Biological Psychiatry</i> , 2006, 60, 1121-1130. | 1.3 | 80 |
| 402 | Unraveling the complexities of neurogenesis to guide development of CNS therapeutics. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2006, 3, 495-501. | 0.5 | 4 |
| 403 | Neurogenesis: What is its role in the cause and cure of depression?. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2006, 3, 503-506. | 0.5 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 404 | Persistent Pain Produces Stress-like Alterations in Hippocampal Neurogenesis and Gene Expression. Journal of Pain, 2006, 7, 544-555. | 1.4 | 142 |
| 405 | Mapping cellular gains and losses in the postnatal dentate gyrus: Implications for psychiatric disorders. Experimental Neurology, 2006, 200, 321-331. | 4.1 | 23 |
| 406 | Hippocampal cell proliferation across the day: Increase by running wheel activity, but no effect of sleep and wakefulness. Behavioural Brain Research, 2006, 167, 36-41. | 2.2 | 91 |
| 407 | Repeated brief social defeat episodes in mice: Effects on cell proliferation in the dentate gyrus. Behavioural Brain Research, 2006, 172, 344-350. | 2.2 | 86 |
| 408 | Social competition in rats: Cell proliferation and behavior. Behavioural Brain Research, 2006, 175, 343-351. | 2.2 | 30 |
| 409 | One night™ sleep deprivation stimulates hippocampal neurogenesis. Brain Research Bulletin, 2006, 69, 375-381. | 3.0 | 83 |
| 410 | Downregulation of the LAR protein tyrosine phosphatase receptor is associated with increased dentate gyrus neurogenesis and an increased number of granule cell layer neurons. Molecular and Cellular Neurosciences, 2006, 31, 723-738. | 2.2 | 21 |
| 411 | Deltamethrin, a pyrethroid insecticide, could be a potential antidepressant agent. Medical Hypotheses, 2006, 66, 605-608. | 1.5 | 9 |
| 412 | Lithium and antidepressants: Potential agents for the treatment of Rett syndrome. Medical Hypotheses, 2006, 67, 626-629. | 1.5 | 17 |
| 413 | 1-Adrenergic receptors stimulation induces the proliferation of neural progenitor cells in vitro. Neuroscience Letters, 2006, 408, 25-28. | 2.1 | 27 |
| 414 | High post-partum levels of corticosterone given to dams influence postnatal hippocampal cell proliferation and behavior of offspring: A model of post-partum stress and possible depression. Hormones and Behavior, 2006, 50, 370-382. | 2.1 | 186 |
| 415 | Early life trauma decreases glucocorticoid receptors in rat dentate gyrus upon adult re-stress: Reversal by escitalopram. Neuroscience, 2006, 137, 619-625. | 2.3 | 53 |
| 416 | Neurogenesis in adolescent brain is potently inhibited by ethanol. Neuroscience, 2006, 137, 437-445. | 2.3 | 236 |
| 417 | Pharmacological evidence of cholinergic involvement in adult hippocampal neurogenesis in rats. Neuroscience, 2006, 142, 505-514. | 2.3 | 162 |
| 418 | Significant life events and the shape of memories to come: A hypothesis. Neurobiology of Learning and Memory, 2006, 85, 103-115. | 1.9 | 21 |
| 419 | Targeted Induction of Endogenous Neural Stem and Progenitor Cells: A New Strategy for Gene Therapy of Neurological Disease. , 2006, , 53-65. | | 0 |
| 420 | Growth Hormone and Insulin-like Growth Factor-I and Cellular Regeneration in the Adult Brain. , 2006, , 125-145. | | 2 |
| 421 | Aspects of Growth Hormone and Insulin-Like Growth Factor-I Related to Neuroprotection, Regeneration, and Functional Plasticity in the Adult Brain. Scientific World Journal, The, 2006, 6, 53-80. | 2.1 | 318 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 422 | Effects of Eugenol on the Central Nervous System: Its Possible Application to Treatment of Alzheimers Disease, Depression, and Parkinsons Disease. Current Bioactive Compounds, 2006, 2, 57-66. | 0.5 | 32 |
| 424 | Neurogenesis in Human Hippocampus: Implications for Alzheimer Disease Pathogenesis. Neuroembryology and Aging, 2006, 4, 175-182. | 0.1 | 4 |
| 425 | Adult neurogenesis and neural precursors, progenitors, and stem cells in the adult CNS. , 0, , 303-325. | | 0 |
| 426 | Neurogenesis and the Effect of Antidepressants. Drug Target Insights, 2006, 1, 117739280600100. | 1.4 | 13 |
| 427 | Hippocampal cell proliferation regulation by repeated stress and antidepressants. NeuroReport, 2006, 17, 863-867. | 1.2 | 99 |
| 428 | Stress and Brain Atrophy. CNS and Neurological Disorders - Drug Targets, 2006, 5, 503-512. | 1.4 | 123 |
| 429 | Microdialysis Approach to Study Serotonin Outflow in Mice Following Selective Serotonin Reuptake Inhibitors and Substance P (Neurokinin 1) Receptor Antagonist Administration: A Review. Current Drug Targets, 2006, 7, 187-201. | 2.1 | 23 |
| 430 | Erratum. Clinical Neuropharmacology, 2006, 29, 185. | 0.7 | 15 |
| 431 | Ontogenetic Distribution of 5-HT_{2C}, 5-HT_{5A}, and 5-HT₇ Receptors in the Rat Hippocampus. Gene Expression, 2006, 13, 53-57. | 1.2 | 26 |
| 432 | Glycogen Synthase Kinase 3: A Target for Novel Mood Disorder Treatments. , 0, , 125-154. | | 34 |
| 433 | Effects of repeated phencyclidine administration on adult hippocampal neurogenesis in the rat. Synapse, 2006, 60, 56-68. | 1.2 | 42 |
| 434 | Reduced hippocampal neurogenesis and number of hilar neurones in streptozotocin-induced diabetic mice: reversion by antidepressant treatment. European Journal of Neuroscience, 2006, 23, 1539-1546. | 2.6 | 101 |
| 435 | Status epilepticus differentially alters AMPA and kainate receptor subunit expression in mature and immature dentate granule neurons. European Journal of Neuroscience, 2006, 23, 2857-2863. | 2.6 | 44 |
| 436 | Electroconvulsive seizure increases adult hippocampal angiogenesis in rats. European Journal of Neuroscience, 2006, 24, 819-828. | 2.6 | 51 |
| 437 | Sleep deprivation suppresses adult neurogenesis: Clues to the role of sleep in brain plasticity. Sleep and Biological Rhythms, 2006, 4, 27-34. | 1.0 | 10 |
| 438 | Evidence that serotonin reuptake modulators increase the density of serotonin innervation in the forebrain. Journal of Neurochemistry, 2006, 96, 396-406. | 3.9 | 44 |
| 439 | Chronic pain-induced emotional dysfunction is associated with astrogliosis due to cortical delta-opioid receptor dysfunction. Journal of Neurochemistry, 2006, 97, 1369-1378. | 3.9 | 88 |
| 440 | Electroconvulsive seizure-induced gene expression profile of the hippocampus dentate gyrus granule cell layer. Journal of Neurochemistry, 2006, 99, 1122-1132. | 3.9 | 75 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 441 | The Selective Norepinephrine Reuptake Inhibitor Antidepressant Reboxetine: Pharmacological and Clinical Profile. <i>CNS Neuroscience & Therapeutics</i> , 2004, 10, 23-44. | 4.0 | 184 |
| 442 | Agmatine increases proliferation of cultured hippocampal progenitor cells and hippocampal neurogenesis in chronically stressed mice. <i>Acta Pharmacologica Sinica</i> , 2006, 27, 1395-1400. | 6.1 | 43 |
| 443 | Neonatal dexamethasone and chronic tianeptine treatment inhibit ligature-induced periodontitis in adult rats. <i>Journal of Periodontal Research</i> , 2006, 41, 23-32. | 2.7 | 28 |
| 444 | Do Corticosteroids Damage the Brain?. <i>Journal of Neuroendocrinology</i> , 2006, 18, 393-411. | 2.6 | 313 |
| 445 | Social isolation delays the positive effects of running on adult neurogenesis. <i>Nature Neuroscience</i> , 2006, 9, 526-533. | 14.8 | 416 |
| 446 | Potential role for adult neurogenesis in the encoding of time in new memories. <i>Nature Neuroscience</i> , 2006, 9, 723-727. | 14.8 | 589 |
| 447 | Treatments for behavioural disorders in neurodegenerative diseases: drug development strategies. <i>Nature Reviews Drug Discovery</i> , 2006, 5, 64-74. | 46.4 | 39 |
| 448 | Adult neurogenesis and functional plasticity in neuronal circuits. <i>Nature Reviews Neuroscience</i> , 2006, 7, 179-193. | 10.2 | 1,263 |
| 449 | Electrical activity in early neuronal development. <i>Nature</i> , 2006, 444, 707-712. | 27.8 | 655 |
| 450 | Adult Neurogenesis and the Ischemic Forebrain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2006, 26, 1-20. | 4.3 | 268 |
| 451 | Variants in Apaf-1 segregating with major depression promote apoptosome function. <i>Molecular Psychiatry</i> , 2006, 11, 76-85. | 7.9 | 40 |
| 452 | Modulation of adult hippocampal neurogenesis by thyroid hormones: implications in depressive-like behavior. <i>Molecular Psychiatry</i> , 2006, 11, 361-371. | 7.9 | 140 |
| 453 | A rapid method for the quantification of mouse hippocampal neurogenesis in vivo by flow cytometry. <i>Journal of Neuroscience Methods</i> , 2006, 157, 54-63. | 2.5 | 33 |
| 454 | Adult neurogenesis and neurodegenerative disease. <i>Regenerative Medicine</i> , 2006, 1, 15-28. | 1.7 | 81 |
| 455 | THE HEDGEHOG PATHWAY AND NEUROLOGICAL DISORDERS. <i>Annual Review of Neuroscience</i> , 2006, 29, 539-563. | 10.7 | 107 |
| 456 | The Relationship Between Cognitive and Brain Changes in Posttraumatic Stress Disorder. <i>Annals of the New York Academy of Sciences</i> , 2006, 1071, 80-86. | 3.8 | 93 |
| 457 | Alpha 2-Adrenergic Receptors Decrease DNA Replication and Cell Proliferation and Induce Neurite Outgrowth in Transfected Rat Pheochromocytoma Cells. <i>Annals of the New York Academy of Sciences</i> , 2006, 1088, 335-345. | 3.8 | 12 |
| 458 | Emerging novel treatments for severe mood disorders involving cellular plasticity cascades. <i>Current Psychosis & Therapeutics Reports</i> , 2006, 4, 181-190. | 0.1 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 459 | Decreased Hippocampal Neurogenesis Following Olfactory Bulbectomy is Reversed by Repeated Citalopram Administration. Cellular and Molecular Neurobiology, 2006, 26, 1557-1568. | 3.3 | 69 |
| 460 | The enduring effects of abuse and related adverse experiences in childhood. European Archives of Psychiatry and Clinical Neuroscience, 2006, 256, 174-186. | 3.2 | 3,143 |
| 461 | Reduced hippocampal volume in drug-free depressed patients. Surgical and Radiologic Anatomy, 2006, 28, 82-87. | 1.2 | 86 |
| 464 | The effects of chronic nicotine on spatial learning and bromodeoxyuridine incorporation into the dentate gyrus of the rat. Psychopharmacology, 2006, 184, 540-546. | 3.1 | 51 |
| 465 | Inflammation and depression: Is there a causal connection with dementia?. Neurotoxicity Research, 2006, 10, 149-160. | 2.7 | 73 |
| 466 | Repeated electroconvulsive stimuli increase brain-derived neurotrophic factor in ACTH-treated rats. European Journal of Pharmacology, 2006, 529, 114-121. | 3.5 | 44 |
| 467 | Creating more effective antidepressants: clues from the clinic. Drug Discovery Today, 2006, 11, 623-631. | 6.4 | 24 |
| 468 | A role for AMPA receptors in mood disorders. Biochemical Pharmacology, 2006, 71, 1273-1288. | 4.4 | 211 |
| 469 | Ephrin/Eph receptor expression in brain of adult nonhuman primates: Implications for neuroadaptation. Brain Research, 2006, 1067, 67-77. | 2.2 | 28 |
| 470 | GABAB receptor function and subunit expression in the rat spinal cord as indicators of stress and the antinociceptive response to antidepressants. Brain Research, 2006, 1068, 109-117. | 2.2 | 29 |
| 471 | Selective serotonin depletion does not regulate hippocampal neurogenesis in the adult rat brain: Differential effects of p-chlorophenylalanine and 5,7-dihydroxytryptamine. Brain Research, 2006, 1075, 48-59. | 2.2 | 49 |
| 472 | The effect of chronic exposure to highly aggressive mice on hippocampal gene expression of non-aggressive subordinates. Brain Research, 2006, 1089, 10-20. | 2.2 | 29 |
| 473 | Regulation of phosphodiesterase-4 (PDE4) expression in mouse brain by repeated antidepressant treatment: Comparison with rolipram. Brain Research, 2006, 1096, 104-112. | 2.2 | 68 |
| 474 | Proteomic analysis identifies alterations in cellular morphology and cell death pathways in mouse brain after chronic corticosterone treatment. Brain Research, 2006, 1102, 12-26. | 2.2 | 30 |
| 475 | Potent inhibition of cell proliferation in the hippocampal dentate gyrus of mice by the chemotherapeutic drug thioTEPA. Brain Research, 2006, 1111, 26-29. | 2.2 | 43 |
| 476 | Early-life fluoxetine exposure reduced functional deficits after hypoxic-ischemia brain injury in rat pups. Neurobiology of Disease, 2006, 24, 101-113. | 4.4 | 50 |
| 477 | Multi-target strategies for the improved treatment of depressive states: Conceptual foundations and neuronal substrates, drug discovery and therapeutic application. , 2006, 110, 135-370. | | 483 |
| 478 | Retinoic acid signaling and function in the adult hippocampus. Journal of Neurobiology, 2006, 66, 780-791. | 3.6 | 148 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 479 | Hippocampal neurogenesis: Opposing effects of stress and antidepressant treatment. <i>Hippocampus</i> , 2006, 16, 239-249. | 1.9 | 663 |
| 480 | Opiates, psychostimulants, and adult hippocampal neurogenesis: Insights for addiction and stem cell biology. <i>Hippocampus</i> , 2006, 16, 271-286. | 1.9 | 169 |
| 481 | Alcohol and adult neurogenesis: Roles in neurodegeneration and recovery in chronic alcoholism. <i>Hippocampus</i> , 2006, 16, 287-295. | 1.9 | 144 |
| 482 | Pronounced individual variation in the response to the stimulatory action of exercise on immature hippocampal neurons. <i>Hippocampus</i> , 2006, 16, 480-490. | 1.9 | 87 |
| 483 | Synergetic effects of quetiapine and venlafaxine in preventing the chronic restraint stress-induced decrease in cell proliferation and BDNF expression in rat hippocampus. <i>Hippocampus</i> , 2006, 16, 551-559. | 1.9 | 139 |
| 484 | Exacerbated loss of cell survival, neuropeptide Y-immunoreactive (IR) cells, and serotonin-IR fiber lengths in the dorsal hippocampus of the aged flinders sensitive line "depressed" rat: Implications for the pathophysiology of depression?. <i>Journal of Neuroscience Research</i> , 2006, 84, 1292-1302. | 2.9 | 31 |
| 485 | Targeting glycogen synthase kinase-3 as an approach to develop novel mood-stabilising medications. <i>Expert Opinion on Therapeutic Targets</i> , 2006, 10, 377-392. | 3.4 | 34 |
| 487 | The Alpha2-Adrenoceptor Antagonist Dexefaroxan Enhances Hippocampal Neurogenesis by Increasing the Survival and Differentiation of New Granule Cells. <i>Neuropsychopharmacology</i> , 2006, 31, 1146-1157. | 5.4 | 85 |
| 488 | Running has Differential Effects on NPY, Opiates, and Cell Proliferation in an Animal Model of Depression and Controls. <i>Neuropsychopharmacology</i> , 2006, 31, 256-264. | 5.4 | 65 |
| 489 | Suppression of Cell Proliferation by Interferon-Alpha through Interleukin-1 Production in Adult Rat Dentate Gyrus. <i>Neuropsychopharmacology</i> , 2006, 31, 2619-2626. | 5.4 | 134 |
| 490 | Discovery of Neurogenic, Alzheimers Disease Therapeutics. <i>Current Alzheimer Research</i> , 2006, 3, 55-62. | 1.4 | 11 |
| 491 | Adult neurogenesis and cellular brain repair with neural progenitors, precursors and stem cells. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2006, 361, 1477-1497. | 4.0 | 137 |
| 492 | Serotonin transport and serotonin transporter-mediated antidepressant recognition are controlled by 5-HT _{2B} receptor signaling in serotonergic neuronal cells. <i>FASEB Journal</i> , 2006, 20, 1843-1854. | 0.5 | 100 |
| 493 | Effects of Analgesic or Antidepressant Drugs on Pain- or Stress-Evoked Hippocampal and Spinal Neurokinin-1 Receptor and Brain-Derived Neurotrophic Factor Gene Expression in the Rat. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 319, 1235-1243. | 2.5 | 56 |
| 494 | Neurobiological Foundations of Stress. , 2006, , 37-65. | | 2 |
| 496 | Discovery of Novel Hippocampal Neurogenic Agents by Using an in Vivo Stable Isotope Labeling Technique. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 319, 1172-1181. | 2.5 | 23 |
| 497 | Electrophysiological and neurochemical characterization of the effect of repeated treatment with milnacipran on the rat serotonergic and noradrenergic systems. <i>Journal of Psychopharmacology</i> , 2006, 20, 562-569. | 4.0 | 12 |
| 498 | Neurogenesis in Diseases of the Central Nervous System. <i>Stem Cells and Development</i> , 2006, 15, 359-379. | 2.1 | 24 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 499 | Fluoxetine targets early progenitor cells in the adult brain. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8233-8238. | 7.1 | 552 |
| 500 | NK1receptor antagonists under investigation for the treatment of affective disorders. Expert Opinion on Investigational Drugs, 2006, 15, 479-486. | 4.1 | 31 |
| 501 | Long-term adaptive changes induced by serotonergic antidepressant drugs. Expert Review of Neurotherapeutics, 2006, 6, 235-245. | 2.8 | 35 |
| 502 | Chronic mild stress decreases survival, but not proliferation, of new-born cells in adult rat hippocampus. Experimental and Molecular Medicine, 2006, 38, 44-54. | 7.7 | 104 |
| 503 | Hippocampal and Amygdalar Volumes in Dissociative Identity Disorder. American Journal of Psychiatry, 2006, 163, 630-636. | 7.2 | 202 |
| 504 | Cell Proliferation is Influenced by Bulbectomy and Normalized by Imipramine Treatment in a Region-Specific Manner. Neuropsychopharmacology, 2006, 31, 1165-1176. | 5.4 | 101 |
| 505 | Structural and functional plasticity of the human brain in posttraumatic stress disorder. Progress in Brain Research, 2007, 167, 171-186. | 1.4 | 270 |
| 506 | Antidepressant-Induced Neurogenesis in the Hippocampus of Adult Nonhuman Primates. Journal of Neuroscience, 2007, 27, 4894-4901. | 3.6 | 401 |
| 507 | Efficacy of the MCHR1 Antagonist N-[3-(1-{[4-(3,4-Difluorophenoxy)phenyl]methyl}(4-piperidyl))-4-methylphenyl]-2-methylpropanamide (SNAP 94847) in Mouse Models of Anxiety and Depression following Acute and Chronic Administration Is Independent of Hippocampal Neurogenesis. Journal of Pharmacology and Experimental Therapeutics, 2007, 321, 237-248. | 2.5 | 117 |
| 508 | Synaptic Integration of Adult-Generated Olfactory Bulb Granule Cells: Basal Axodendritic Centrifugal Input Precedes Apical Dendrodendritic Local Circuits. Journal of Neuroscience, 2007, 27, 9951-9961. | 3.6 | 142 |
| 509 | cAMP Response Element-Binding Protein Deficiency Allows for Increased Neurogenesis and a Rapid Onset of Antidepressant Response. Journal of Neuroscience, 2007, 27, 7860-7868. | 3.6 | 88 |
| 510 | The Neuropeptide VGF Produces Antidepressant-Like Behavioral Effects and Enhances Proliferation in the Hippocampus. Journal of Neuroscience, 2007, 27, 12156-12167. | 3.6 | 140 |
| 511 | Neural Precursor Cells Are Protected from Apoptosis Induced by Trophic Factor Withdrawal or Genotoxic Stress by Inhibitors of Glycogen Synthase Kinase 3. Journal of Biological Chemistry, 2007, 282, 22856-22864. | 3.4 | 50 |
| 512 | RAGE: A Single Receptor for Several Ligands and Different Cellular Responses: The Case of Certain S100 Proteins. Current Molecular Medicine, 2007, 7, 711-724. | 1.3 | 238 |
| 513 | Brief RU 38486 Treatment Normalizes the Effects of Chronic Stress on Calcium Currents in Rat Hippocampal CA1 Neurons. Neuropsychopharmacology, 2007, 32, 1830-1839. | 5.4 | 38 |
| 514 | Prospective Teratology of Retinoic Acid Metabolic Blocking Agents (RAMBAs) and Loss of CYP26 Activity. Current Pharmaceutical Design, 2007, 13, 3020-3037. | 1.9 | 25 |
| 515 | Defining Primary and Secondary Progenitor Disorders in the Brain: Proteomic Approaches for Analysis of Neural Progenitor Cells. Current Pharmaceutical Biotechnology, 2007, 8, 117-125. | 1.6 | 1 |
| 516 | Selective Serotonin Reuptake Inhibitors, Fluoxetine and Paroxetine, Attenuate the Expression of the Established Behavioral Sensitization Induced by Methamphetamine. Neuropsychopharmacology, 2007, 32, 658-664. | 5.4 | 23 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 517 | SB-649915-B, a Novel 5-HT _{1A/B} Autoreceptor Antagonist and Serotonin Reuptake Inhibitor, is Anxiolytic and Displays Fast Onset Activity in the Rat High Light Social Interaction Test. <i>Neuropsychopharmacology</i> , 2007, 32, 2163-2172. | 5.4 | 44 |
| 518 | Antidepressant Administration Modulates Neural Stem Cell Survival and Serotonergic Differentiation Through Bcl-2. <i>Current Neurovascular Research</i> , 2007, 4, 19-29. | 1.1 | 49 |
| 519 | AMPA Receptors in the Therapeutic Management of Depression. <i>CNS and Neurological Disorders - Drug Targets</i> , 2007, 6, 117-126. | 1.4 | 104 |
| 520 | Diminished adult neurogenesis in the marmoset brain precedes old age. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17169-17173. | 7.1 | 207 |
| 521 | Interactions of child maltreatment and serotonin transporter and monoamine oxidase A polymorphisms: Depressive symptomatology among adolescents from low socioeconomic status backgrounds. <i>Development and Psychopathology</i> , 2007, 19, 1161-1180. | 2.3 | 179 |
| 522 | Increasing the Levels of Insulin-Like Growth Factor-I by an IGF Binding Protein Inhibitor Produces Anxiolytic and Antidepressant-Like Effects. <i>Neuropsychopharmacology</i> , 2007, 32, 2360-2368. | 5.4 | 88 |
| 523 | Neurogenesis and Neuroenhancement in the Pathophysiology and Treatment of Bipolar Disorder. <i>International Review of Neurobiology</i> , 2007, 77, 143-178. | 2.0 | 20 |
| 524 | Social Regulation of Neurogenesis in Teleosts. <i>Brain, Behavior and Evolution</i> , 2007, 70, 239-246. | 1.7 | 35 |
| 525 | VEGF is an essential mediator of the neurogenic and behavioral actions of antidepressants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 4647-4652. | 7.1 | 395 |
| 526 | Cannabinoids Elicit Antidepressant-Like Behavior and Activate Serotonergic Neurons through the Medial Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2007, 27, 11700-11711. | 3.6 | 277 |
| 527 | Regulation of gene transcription in the central nervous system by norepinephrine. , 2007, , 95-118. | | 3 |
| 528 | Î±-synuclein and tyrosine hydroxylase expression in acute rotenone toxicity. <i>International Journal of Molecular Medicine</i> , 2007, 19, 517. | 4.0 | 5 |
| 529 | Repetitive Transcranial Magnetic Stimulation Effects in vitro and in Animal Models. , 2007, 23, 18-34. | | 1 |
| 532 | Substance P at the nexus of mind and body in chronic inflammation and affective disorders.. <i>Psychological Bulletin</i> , 2007, 133, 1007-1037. | 6.1 | 75 |
| 533 | Adult Hippocampal Neurogenesis as Target for the Treatment of Depression. <i>CNS and Neurological Disorders - Drug Targets</i> , 2007, 6, 205-218. | 1.4 | 113 |
| 534 | Does Stress Damage the Brain?. , 2007, , 118-141. | | 7 |
| 535 | An Independent Meta-Analysis Using Summary Data for Clinical Response, Remission, and Discontinuation for Any Reason from the 6 Pivotal Phase III Randomized Clinical Trials of Duloxetine in Major Depressive Disorder. <i>Journal of Clinical Psychopharmacology</i> , 2007, 27, 219-221. | 1.4 | 6 |
| 536 | N-Acetyl Cysteine in the Treatment of Grooming Disorders. <i>Journal of Clinical Psychopharmacology</i> , 2007, 27, 227-229. | 1.4 | 87 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 537 | Time-Dependent Clearance Decrements of Fluvoxamine in Depressed Inpatients. Journal of Clinical Psychopharmacology, 2007, 27, 231-233. | 1.4 | 1 |
| 538 | An Open-Label Trial of Aripiprazole Augmentation for Treatment-Resistant Generalized Anxiety Disorder. Journal of Clinical Psychopharmacology, 2007, 22, 207-210. | 1.4 | 44 |
| 539 | Changes in Hippocampal Volume in Patients With Post-Traumatic Stress Disorder After Sertraline Treatment. Journal of Clinical Psychopharmacology, 2007, 27, 233-235. | 1.4 | 41 |
| 540 | Smoking Cessation in Schizophrenia. Journal of Clinical Psychopharmacology, 2007, 27, 239-240. | 1.4 | 1 |
| 541 | The role of hippocampus in the pathophysiology of bipolar disorder. Behavioural Pharmacology, 2007, 18, 419-430. | 1.7 | 149 |
| 542 | Aripiprazole and Neuroleptic Malignant Syndrome. Journal of Clinical Psychopharmacology, 2007, 27, 212-214. | 1.4 | 11 |
| 543 | Does Fluoxetine Have Any Effect on the Cognition of Patients With Mild Cognitive Impairment?. Journal of Clinical Psychopharmacology, 2007, 27, 67-70. | 1.4 | 117 |
| 544 | The role of neurotrophic factors in adult hippocampal neurogenesis, antidepressant treatments and animal models of depressive-like behavior. Behavioural Pharmacology, 2007, 18, 391-418. | 1.7 | 592 |
| 545 | Brain-Derived Neurotrophic Factor and Major Depression. Psychopharm Review: Timely Reports in Psychopharmacology and Device-based Therapies, 2007, 42, 59-66. | 0.1 | 0 |
| 546 | Atypical Antipsychotic Drug-Induced Acute Laryngeal Dystonia. Journal of Clinical Psychopharmacology, 2007, 27, 206-207. | 1.4 | 22 |
| 547 | Adjuvant Levetiracetam in Adolescent Mania. Journal of Clinical Psychopharmacology, 2007, 27, 215-216. | 1.4 | 8 |
| 548 | Pancytopenia Associated With the Introduction of Oxcarbazepine. Journal of Clinical Psychopharmacology, 2007, 27, 217-218. | 1.4 | 16 |
| 549 | Manic Episode With Psychotic Symptoms Associated With High Dose of Disulfiram. Journal of Clinical Psychopharmacology, 2007, 27, 224-225. | 1.4 | 17 |
| 550 | Reply to Comments by Dr Babbar. Journal of Clinical Psychopharmacology, 2007, 27, 240. | 1.4 | 0 |
| 551 | Aripiprazole Augmentation of Tranylcypromine in Treatment-Resistant Major Depression. Journal of Clinical Psychopharmacology, 2007, 27, 216-217. | 1.4 | 9 |
| 552 | Worsening of Obsessive-Compulsive Symptoms After Treatment With Aripiprazole. Journal of Clinical Psychopharmacology, 2007, 27, 237-238. | 1.4 | 21 |
| 553 | Exposure to Nitrous Oxide May Be Associated With High Homocysteine Plasma Levels and a Risk for Clinical Depression. Journal of Clinical Psychopharmacology, 2007, 27, 238-239. | 1.4 | 3 |
| 554 | Does Serotonin Augmentation Have Any Effect on Cognition and Activities of Daily Living in Alzheimer's Dementia?. Journal of Clinical Psychopharmacology, 2007, 27, 484-487. | 1.4 | 99 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 555 | Acute Nocturnal Akathisia Induced By Clozapine. Journal of Clinical Psychopharmacology, 2007, 27, 205. | 1.4 | 8 |
| 556 | A 6-Month Longitudinal Study of Early-Onset Tardive Dyskinesia. Journal of Clinical Psychopharmacology, 2007, 27, 210-212. | 1.4 | 8 |
| 557 | Cognitive Side Effects of Valproic Acid-Induced Hyperammonemia in Children With Epilepsy. Journal of Clinical Psychopharmacology, 2007, 27, 221-224. | 1.4 | 20 |
| 558 | Escitalopram for Compulsive Buying Disorder. Journal of Clinical Psychopharmacology, 2007, 27, 225-227. | 1.4 | 97 |
| 559 | Fluoxetine and the dentate gyrus: memory, recovery of function, and electrophysiology. Behavioural Pharmacology, 2007, 18, 521-531. | 1.7 | 29 |
| 560 | Targeting Neurotrophic/Growth Factor Expression and Signaling for Antidepressant Drug Development. CNS and Neurological Disorders - Drug Targets, 2007, 6, 151-160. | 1.4 | 52 |
| 561 | Targeting Signal Transduction Pathways in the Treatment of Mood Disorders: Recent Insights into the Relevance of the Wnt Pathway. CNS and Neurological Disorders - Drug Targets, 2007, 6, 193-204. | 1.4 | 33 |
| 562 | Antidepressant medications and other treatments of depressive disorders: a CINP Task Force report based on a review of evidence. International Journal of Neuropsychopharmacology, 2007, 10, S1-207. | 2.1 | 55 |
| 563 | 2R, 4R-APDC decreases cell proliferation in the dentate gyrus of adult rats: the effect of 2R, 4R-APDC on cell proliferation. NeuroReport, 2007, 18, 1459-1462. | 1.2 | 4 |
| 564 | Escitalopram-Associated Serotonin Toxicity. Journal of Clinical Psychopharmacology, 2007, 27, 229-230. | 1.4 | 8 |
| 565 | Amenorrhea After Sertraline Introduction in an Amisulpride-Treated Patient With Undiagnosed Polycystic Ovary Disease. Journal of Clinical Psychopharmacology, 2007, 27, 235-237. | 1.4 | 4 |
| 566 | Olanzapine-Associated Bilateral Eyelid Edema. Journal of Clinical Psychopharmacology, 2007, 22, 214-215. | 1.4 | 12 |
| 567 | A model of hippocampal neurogenesis in memory and mood disorders. Trends in Cognitive Sciences, 2007, 11, 70-76. | 7.8 | 169 |
| 568 | Running is rewarding and antidepressive. Physiology and Behavior, 2007, 92, 136-140. | 2.1 | 149 |
| 569 | Stress during development: Impact on neuroplasticity and relevance to psychopathology. Progress in Neurobiology, 2007, 81, 197-217. | 5.7 | 191 |
| 570 | Low plasma BDNF is associated with suicidal behavior in major depression. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2007, 31, 78-85. | 4.8 | 248 |
| 571 | Serotonin ₄ (5-HT ₄) Receptor Agonists Are Putative Antidepressants with a Rapid Onset of Action. Neuron, 2007, 55, 712-725. | 8.1 | 294 |
| 572 | Wheel running and fluoxetine antidepressant treatment have differential effects in the hippocampus and the spinal cord. Neuroscience, 2007, 144, 1033-1044. | 2.3 | 66 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 573 | Hippocampal neurogenesis is reduced by sleep fragmentation in the adult rat. <i>Neuroscience</i> , 2007, 148, 325-333. | 2.3 | 116 |
| 574 | Functional implications of decreases in neurogenesis following chronic mild stress in mice. <i>Neuroscience</i> , 2007, 150, 251-259. | 2.3 | 133 |
| 575 | Enriched environments influence depression-related behavior in adult mice and the survival of newborn cells in their hippocampi. <i>Behavioural Brain Research</i> , 2007, 180, 69-76. | 2.2 | 71 |
| 576 | Antidepressant-mediated reversal of abnormal behavior and neurodegeneration in mice following olfactory bulbectomy. <i>Experimental Neurology</i> , 2007, 204, 20-28. | 4.1 | 80 |
| 577 | Antidepressants inhibit interferon- β -induced microglial production of IL-6 and nitric oxide. <i>Experimental Neurology</i> , 2007, 206, 33-42. | 4.1 | 175 |
| 578 | Adult neurogenesis in the intact and epileptic dentate gyrus. <i>Progress in Brain Research</i> , 2007, 163, 529-817. | 1.4 | 149 |
| 579 | Repeated electroconvulsive stimuli have long-lasting effects on hippocampal BDNF and decrease immobility time in the rat forced swim test. <i>Life Sciences</i> , 2007, 80, 1539-1543. | 4.3 | 54 |
| 580 | Electroacupuncture attenuates the decrease of hippocampal progenitor cell proliferation in the adult rats exposed to chronic unpredictable stress. <i>Life Sciences</i> , 2007, 81, 1489-1495. | 4.3 | 33 |
| 581 | Is hippocampal atrophy a future drug target?. <i>Medical Hypotheses</i> , 2007, 68, 1300-1306. | 1.5 | 57 |
| 582 | Redrawing Papez's circuit: A theory about how acute stress becomes chronic and causes disease. <i>Medical Hypotheses</i> , 2007, 69, 852-857. | 1.5 | 30 |
| 583 | Repairing brain after stroke: A review on post-ischemic neurogenesis. <i>Neurochemistry International</i> , 2007, 50, 1028-1041. | 3.8 | 147 |
| 584 | Omega-3 fatty acids upregulate adult neurogenesis. <i>Neuroscience Letters</i> , 2007, 415, 154-158. | 2.1 | 174 |
| 585 | The effects of electroconvulsive therapy on ghrelin, leptin and cholesterol levels in patients with mood disorders. <i>Neuroscience Letters</i> , 2007, 426, 49-53. | 2.1 | 54 |
| 586 | Lithium prevents stress-induced reduction of vascular endothelium growth factor levels. <i>Neuroscience Letters</i> , 2007, 429, 33-38. | 2.1 | 37 |
| 587 | Chronic antidepressant treatment induces contrasting patterns of synaptophysin and PSA-NCAM expression in different regions of the adult rat telencephalon. <i>European Neuropsychopharmacology</i> , 2007, 17, 546-557. | 0.7 | 57 |
| 588 | FLUOXETINE modifies the expression of serotonergic markers in a differentiation-dependent fashion in the mesencephalic neural cell line A1 mes c-myc. <i>Brain Research</i> , 2007, 1143, 1-10. | 2.2 | 16 |
| 589 | Developmental approaches to the memory process. , 2007, , 57-101. | | 1 |
| 590 | S.O4.01 Amygdala PKC ϵ regulates corticotropin releasing factor, anxiety-like behavior and alcohol consumption. <i>European Neuropsychopharmacology</i> , 2007, 17, S180. | 0.7 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 591 | S.04.02 5HT-transporter dependent effects of MDMA (‘ecstasy’) on the 5HT-system and hippocampal cell proliferation in mice. European Neuropsychopharmacology, 2007, 17, S180. | 0.7 | 0 |
| 592 | S.04.03 Neuron and forebrain specific deletion of the glycine transporter 1 gene enhances spontaneous object recognition memory. European Neuropsychopharmacology, 2007, 17, S180-S181. | 0.7 | 0 |
| 594 | P.2.d.019 Phenotypic variability of chronic stress vulnerability studied in two strain of mice: focus on the glutamatergic system. European Neuropsychopharmacology, 2007, 17, S372. | 0.7 | 0 |
| 596 | A Model for the Involvement of Neural Cell Adhesion Molecules in Stress-Related Mood Disorders. Neuroendocrinology, 2007, 85, 158-176. | 2.5 | 70 |
| 597 | Null Effect of Antidepressants on the Astrocytes-Mediated Proliferation of Hippocampal Progenitor Cells in vitro. Molecular Pain, 2007, 3, 1744-8069-3-16. | 2.1 | 2 |
| 598 | Consensus paper of the WFSBP Task Force on Biological Markers: Biological Markers in Depression. World Journal of Biological Psychiatry, 2007, 8, 141-174. | 2.6 | 219 |
| 599 | Dentate gyrus neurogenesis and depression. Progress in Brain Research, 2007, 163, 697-822. | 1.4 | 88 |
| 600 | Regulation of adult hippocampal neurogenesis: relevance to depression. Expert Review of Neurotherapeutics, 2007, 7, 853-864. | 2.8 | 37 |
| 601 | Intracellular signaling pathways pave roads to recovery for mood disorders. Annals of Medicine, 2007, 39, 531-544. | 3.8 | 56 |
| 602 | Chronic Social Stress Inhibits Cell Proliferation in the Adult Medial Prefrontal Cortex: Hemispheric Asymmetry and Reversal by Fluoxetine Treatment. Neuropsychopharmacology, 2007, 32, 1490-1503. | 5.4 | 314 |
| 603 | Interactions between Nitric Oxide and Corticosterone in the Regulation of Progenitor Cell Proliferation in the Dentate Gyrus of the Adult Rat. Neuropsychopharmacology, 2007, 32, 493-504. | 5.4 | 50 |
| 604 | NEUROSCIENCE: Is More Neurogenesis Always Better?. Science, 2007, 315, 336-338. | 12.6 | 109 |
| 605 | Neuroimaging in Posttraumatic Stress Disorder and Other Stress-Related Disorders. Neuroimaging Clinics of North America, 2007, 17, 523-538. | 1.0 | 139 |
| 606 | Adult neurogenesis and schizophrenia: A window on abnormal early brain development?. Schizophrenia Research, 2007, 90, 1-14. | 2.0 | 88 |
| 607 | Dopamine D2-Like Receptors and the Antidepressant Response. Biological Psychiatry, 2007, 61, 145-153. | 1.3 | 146 |
| 608 | Enhanced Long-Term Synaptic Depression in an Animal Model of Depression. Biological Psychiatry, 2007, 62, 92-100. | 1.3 | 148 |
| 609 | Long-Term Plasticity of Visually Evoked Potentials in Humans is Altered in Major Depression. Biological Psychiatry, 2007, 62, 373-380. | 1.3 | 204 |
| 610 | Neurogenesis and Helplessness Are Mediated by Controllability in Males But Not in Females. Biological Psychiatry, 2007, 62, 487-495. | 1.3 | 124 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 611 | Chronic Unpredictable Stress Decreases Cell Proliferation in the Cerebral Cortex of the Adult Rat. <i>Biological Psychiatry</i> , 2007, 62, 496-504. | 1.3 | 308 |
| 612 | Neurogenic Actions of Atypical Antipsychotic Drugs and Therapeutic Implications. <i>CNS Drugs</i> , 2007, 21, 715-725. | 5.9 | 81 |
| 614 | Hippocampal Neurogenesis, Depressive Disorders, and Antidepressant Therapy. <i>Neural Plasticity</i> , 2007, 2007, 1-7. | 2.2 | 70 |
| 615 | Glutogenesis and Glial Pathology in Depression. <i>CNS and Neurological Disorders - Drug Targets</i> , 2007, 6, 219-233. | 1.4 | 510 |
| 616 | Bioactive compounds from <i>Paecilomyces tenuipes</i> regulating the function of the hypothalamo-hypophyseal system axis in chronic unpredictable stress rats. <i>Chinese Medical Journal</i> , 2007, 120, 1088-1092. | 2.3 | 18 |
| 617 | NEUROBIOLOGICAL PERSPECTIVES ON TRAUMA. , 2007, , 21-26. | | 0 |
| 618 | Adrenalectomy-induced granule cell degeneration in the hippocampus causes spatial memory deficits that are not reversed by chronic treatment with corticosterone or fluoxetine. <i>Hippocampus</i> , 2007, 17, 137-146. | 1.9 | 37 |
| 619 | Ablation of central nervous system progenitor cells in transgenic rats using bacterial nitroreductase system. <i>Journal of Neuroscience Research</i> , 2007, 85, 1183-1193. | 2.9 | 13 |
| 620 | Postnatal neurogenesis in hippocampal slice cultures: Early in vitro labeling of neural precursor cells leads to efficient neuronal production. <i>Journal of Neuroscience Research</i> , 2007, 85, 1704-1712. | 2.9 | 30 |
| 621 | Antidepressant drugs reverse the loss of adult neural stem cells following chronic stress. <i>Journal of Neuroscience Research</i> , 2007, 85, 3574-3585. | 2.9 | 113 |
| 622 | Neuroprotection in emerging psychotic disorders. <i>Microbial Biotechnology</i> , 2007, 1, 114-127. | 1.7 | 45 |
| 623 | Adult hippocampal neurogenesis in depression. <i>Nature Neuroscience</i> , 2007, 10, 1110-1115. | 14.8 | 1,041 |
| 624 | Drug development for CNS disorders: strategies for balancing risk and reducing attrition. <i>Nature Reviews Drug Discovery</i> , 2007, 6, 521-532. | 46.4 | 295 |
| 625 | Disease Targets and Strategies for the Therapeutic Modulation of Endogenous Neural Stem and Progenitor Cells. <i>Clinical Pharmacology and Therapeutics</i> , 2007, 82, 453-460. | 4.7 | 31 |
| 626 | Serotonergic vulnerability and depression: assumptions, experimental evidence and implications. <i>Molecular Psychiatry</i> , 2007, 12, 522-543. | 7.9 | 313 |
| 627 | Patterns of gene expression in the limbic system of suicides with and without major depression. <i>Molecular Psychiatry</i> , 2007, 12, 640-655. | 7.9 | 171 |
| 628 | Lack of serotonin1B receptor expression leads to age-related motor dysfunction, early onset of brain molecular aging and reduced longevity. <i>Molecular Psychiatry</i> , 2007, 12, 1042-1056. | 7.9 | 51 |
| 629 | Neuronal migration in the adult brain: are we there yet?. <i>Nature Reviews Neuroscience</i> , 2007, 8, 141-151. | 10.2 | 165 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 630 | The effect of neurodegenerative diseases on the subventricular zone. <i>Nature Reviews Neuroscience</i> , 2007, 8, 712-723. | 10.2 | 154 |
| 631 | 5-HT7, NEUROGENESIS AND ANTIDEPRESSANTS: A PROMISING THERAPEUTIC AXIS FOR TREATING DEPRESSION. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2007, 34, 546-551. | 1.9 | 45 |
| 632 | REGULATORS OF ADULT NEUROGENESIS IN THE HEALTHY AND DISEASED BRAIN. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2007, 34, 533-545. | 1.9 | 93 |
| 633 | Laser capture microdissection and microarray analysis of dividing neural progenitor cells from the adult rat hippocampus. <i>European Journal of Neuroscience</i> , 2007, 26, 1079-1090. | 2.6 | 16 |
| 634 | Norepinephrine depletion facilitates recovery of function after focal ischemia in the rat. <i>European Journal of Neuroscience</i> , 2007, 26, 1822-1831. | 2.6 | 9 |
| 635 | Brief treatment with the glucocorticoid receptor antagonist mifepristone normalizes the reduction in neurogenesis after chronic stress. <i>European Journal of Neuroscience</i> , 2007, 26, 3395-3401. | 2.6 | 199 |
| 636 | Antidepressant-like effects of the traditional Chinese medicine kami-shoyo-san in rats. <i>Psychiatry and Clinical Neurosciences</i> , 2007, 61, 401-406. | 1.8 | 57 |
| 637 | Augmentation strategies for treatment-resistant depression: a literature review. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2007, 32, 415-428. | 1.5 | 90 |
| 638 | Serotonin and neuronal growth factors “a convergence of signaling pathways. <i>Journal of Neurochemistry</i> , 2007, 101, 1161-1171. | 3.9 | 64 |
| 639 | Neural stem cell therapy for neuropsychiatric disorders. <i>Acta Neuropsychiatrica</i> , 2007, 19, 11-26. | 2.1 | 17 |
| 640 | Increase in neurogenesis and behavioural benefit after chronic fluoxetine treatment in Wistar rats. <i>Acta Neurologica Scandinavica</i> , 2007, 117, 070905010742003-??? | 2.1 | 71 |
| 641 | Electroconvulsive therapy in melancholia: the role of hippocampal neurogenesis. <i>Acta Psychiatrica Scandinavica</i> , 2007, 115, 130-135. | 4.5 | 46 |
| 642 | White matter abnormalities in drug-naïve patients with obsessive-compulsive disorder: a Diffusion Tensor Study before and after citalopram treatment. <i>Acta Psychiatrica Scandinavica</i> , 2007, 116, 211-219. | 4.5 | 141 |
| 643 | Delayed suppression of hippocampal cell proliferation in rats following inescapable shocks. <i>Brain Research</i> , 2007, 1130, 48-53. | 2.2 | 18 |
| 644 | Curcumin reverses impaired hippocampal neurogenesis and increases serotonin receptor 1A mRNA and brain-derived neurotrophic factor expression in chronically stressed rats. <i>Brain Research</i> , 2007, 1162, 9-18. | 2.2 | 246 |
| 645 | Vagus nerve stimulation increases norepinephrine concentration and the gene expression of BDNF and bFGF in the rat brain. <i>Brain Research</i> , 2007, 1179, 28-34. | 2.2 | 273 |
| 646 | BrdU immunohistochemistry for studying adult neurogenesis: Paradigms, pitfalls, limitations, and validation. <i>Brain Research Reviews</i> , 2007, 53, 198-214. | 9.0 | 532 |
| 647 | Complex mental activity and the aging brain: Molecular, cellular and cortical network mechanisms. <i>Brain Research Reviews</i> , 2007, 56, 198-213. | 9.0 | 110 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 648 | Expression of brain derived neurotrophic factor, activity-regulated cytoskeleton protein mRNA, and enhancement of adult hippocampal neurogenesis in rats after sub-chronic and chronic treatment with the triple monoamine re-uptake inhibitor tesofensine. <i>European Journal of Pharmacology</i> , 2007, 555, 115-121. | 3.5 | 41 |
| 649 | Chronic stress: Implications for neuronal morphology, function and neurogenesis. <i>Frontiers in Neuroendocrinology</i> , 2007, 28, 72-96. | 5.2 | 313 |
| 650 | Adolescent cortical development: A critical period of vulnerability for addiction. <i>Pharmacology Biochemistry and Behavior</i> , 2007, 86, 189-199. | 2.9 | 894 |
| 651 | Oral treatment with ACCUTANE® does not increase measures of anhedonia or depression in rats. <i>Neurotoxicology and Teratology</i> , 2007, 29, 642-651. | 2.4 | 23 |
| 652 | Causality of stem cell based neurogenesis and depression “To be or not to be, is that the question?”. <i>Journal of Psychiatric Research</i> , 2007, 41, 713-723. | 3.1 | 24 |
| 653 | Role of BDNF in bipolar and unipolar disorder: Clinical and theoretical implications. <i>Journal of Psychiatric Research</i> , 2007, 41, 979-990. | 3.1 | 259 |
| 654 | Functional neuroimaging in post-traumatic stress disorder. <i>Expert Review of Neurotherapeutics</i> , 2007, 7, 393-405. | 2.8 | 80 |
| 655 | Fluoxetine does not affect the ischemia-induced increase of neurogenesis in the adult rat dentate gyrus. <i>Archives of Pharmacol Research</i> , 2007, 30, 641-645. | 6.3 | 8 |
| 656 | Asymmetry in enhanced neurogenesis in the rostral dentate gyrus following kainic acid-induced status epilepticus in adult rats. <i>Archives of Pharmacol Research</i> , 2007, 30, 646-652. | 6.3 | 11 |
| 658 | Early maternal separation alters the response to traumatization: resulting in increased levels of hippocampal neurotrophic factors. <i>Metabolic Brain Disease</i> , 2007, 22, 183-195. | 2.9 | 59 |
| 659 | Life-Long Hippocampal Neurogenesis: Environmental, Pharmacological and Neurochemical Modulations. <i>Neurochemical Research</i> , 2007, 32, 1762-1771. | 3.3 | 46 |
| 660 | Inflammation, Depression and Dementia: Are they Connected?. <i>Neurochemical Research</i> , 2007, 32, 1749-1756. | 3.3 | 297 |
| 661 | Adult neurogenesis in serotonin transporter deficient mice. <i>Journal of Neural Transmission</i> , 2007, 114, 1107-1119. | 2.8 | 36 |
| 662 | Brain-derived neurotrophic factor (BDNF) polymorphisms G196A and C270T are not associated with response to electroconvulsive therapy in major depressive disorder. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2007, 257, 31-35. | 3.2 | 34 |
| 663 | Adult neurogenesis and the memories of drug addiction. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2007, 257, 261-270. | 3.2 | 80 |
| 664 | Adult hippocampal neurogenesis and aging. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2007, 257, 271-280. | 3.2 | 117 |
| 665 | Neurogenesis and schizophrenia: dividing neurons in a divided mind?. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2007, 257, 290-299. | 3.2 | 109 |
| 666 | Endogenous Neural Stem Cells in the Adult Brain. <i>Journal of NeuroImmune Pharmacology</i> , 2007, 2, 236-242. | 4.1 | 48 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 667 | S32006, a novel 5-HT _{2C} receptor antagonist displaying broad-based antidepressant and anxiolytic properties in rodent models. <i>Psychopharmacology</i> , 2008, 199, 549-568. | 3.1 | 109 |
| 668 | DETA/NONOate, a nitric oxide donor, produces antidepressant effects by promoting hippocampal neurogenesis. <i>Psychopharmacology</i> , 2008, 200, 231-242. | 3.1 | 30 |
| 670 | Neurogenesis and Exercise: Past and Future Directions. <i>NeuroMolecular Medicine</i> , 2008, 10, 128-140. | 3.4 | 521 |
| 671 | Physical Activity and the Regulation of Neurogenesis in the Adult and Aging Brain. <i>NeuroMolecular Medicine</i> , 2008, 10, 59-66. | 3.4 | 224 |
| 672 | Neurotrophin and neuropeptide expression in mouse brain is regulated by knockout of the norepinephrine transporter. <i>Journal of Neural Transmission</i> , 2008, 115, 973-982. | 2.8 | 12 |
| 673 | The impact of maternal separation on adult mouse behaviour and on the total neuron number in the mouse hippocampus. <i>Brain Structure and Function</i> , 2008, 212, 403-416. | 2.3 | 144 |
| 674 | The neural stem cell niche. <i>Cell and Tissue Research</i> , 2008, 331, 211-224. | 2.9 | 130 |
| 675 | Antidepressant treatments regulate matrix metalloproteinasesâ€² and â€² (MMPâ€²/MMPâ€²) and tissue inhibitors of the metalloproteinases (TIMPS 1â€²4) in the adult rat hippocampus. <i>Synapse</i> , 2008, 62, 590-600. | 1.2 | 24 |
| 676 | Effects of <i>Polygala tenuifolia</i> root extract on proliferation of neural stem cells in the hippocampal CA1 region. <i>Phytotherapy Research</i> , 2008, 22, 1324-1329. | 5.8 | 39 |
| 677 | Proteomic analysis of embryonic stem cellâ€²derived neural cells exposed to the antidepressant paroxetine. <i>Journal of Neuroscience Research</i> , 2008, 86, 306-316. | 2.9 | 34 |
| 678 | Regionâ€²specific differentiation of embryonic stem cellâ€²derived neural progenitor transplants into the adult mouse hippocampus following seizures. <i>Journal of Neuroscience Research</i> , 2008, 86, 512-524. | 2.9 | 51 |
| 679 | Early involvement of synapsin III in neural progenitor cell development in the adult hippocampus. <i>Journal of Comparative Neurology</i> , 2008, 507, 1860-1870. | 1.6 | 46 |
| 680 | Antidepressant drugâ€²induced stimulation of mouse hippocampal neurogenesis is ageâ€²dependent and altered by early life stress. <i>Journal of Comparative Neurology</i> , 2008, 509, 372-381. | 1.6 | 92 |
| 681 | Different effects of mild and severe seizures on hippocampal neurogenesis in adult rats. <i>Hippocampus</i> , 2008, 18, 460-468. | 1.9 | 49 |
| 682 | Changes in rat hippocampal CA1 synapses following imipramine treatment. <i>Hippocampus</i> , 2008, 18, 631-639. | 1.9 | 48 |
| 683 | Running increases neurogenesis without retinoic acid receptor activation in the adult mouse dentate gyrus. <i>Hippocampus</i> , 2008, 18, 785-792. | 1.9 | 18 |
| 684 | Imaging new neurons in vivo: a pioneering tool to study the cellular biology of depression?. <i>BioEssays</i> , 2008, 30, 806-810. | 2.5 | 5 |
| 685 | Sedative and anticonvulsant drugs suppress postnatal neurogenesis. <i>Annals of Neurology</i> , 2008, 64, 434-445. | 5.3 | 157 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 686 | Validation and use of a computer-assisted counting procedure to quantify BrdU-labeled proliferating cells in the early postnatal mouse hippocampus. <i>Journal of Neuroscience Methods</i> , 2008, 172, 173-177. | 2.5 | 5 |
| 687 | CNS-active drugs in aging population at high risk of cerebrovascular events: Evidence from preclinical and clinical studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2008, 32, 56-71. | 6.1 | 8 |
| 688 | Allostatic load in bipolar disorder: Implications for pathophysiology and treatment. <i>Neuroscience and Biobehavioral Reviews</i> , 2008, 32, 675-692. | 6.1 | 416 |
| 689 | Olfaction: A potential cognitive marker of psychiatric disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2008, 32, 1315-1325. | 6.1 | 202 |
| 690 | Neural Stem Cells in the Mammalian Brain. <i>International Review of Cytology</i> , 2008, 265, 55-109. | 6.2 | 9 |
| 691 | Stress, Depression, and Neuroplasticity: A Convergence of Mechanisms. <i>Neuropsychopharmacology</i> , 2008, 33, 88-109. | 5.4 | 1,488 |
| 692 | Serotonin Receptors. <i>Chemical Reviews</i> , 2008, 108, 1614-1641. | 47.7 | 751 |
| 693 | Amygdala volume in major depressive disorder: a meta-analysis of magnetic resonance imaging studies. <i>Molecular Psychiatry</i> , 2008, 13, 993-1000. | 7.9 | 413 |
| 694 | Brain interleukin-1 mediates chronic stress-induced depression in mice via adrenocortical activation and hippocampal neurogenesis suppression. <i>Molecular Psychiatry</i> , 2008, 13, 717-728. | 7.9 | 638 |
| 695 | Lithium regulates adult hippocampal progenitor development through canonical Wnt pathway activation. <i>Molecular Psychiatry</i> , 2008, 13, 285-292. | 7.9 | 171 |
| 696 | Repeated social defeat-induced depression-like behavioral and biological alterations in rats: involvement of cholecystokinin. <i>Molecular Psychiatry</i> , 2008, 13, 1079-1092. | 7.9 | 175 |
| 697 | Chronic fluoxetine treatment alters behavior, but not adult hippocampal neurogenesis, in BALB/c mice. <i>Molecular Psychiatry</i> , 2008, 13, 119-121. | 7.9 | 68 |
| 698 | No Long-Term Effect Two Years after Intrauterine Exposure to Dexamethasone on Dentate Gyrus Volume, Neuronal Proliferation and Differentiation in Common Marmoset Monkeys. <i>Brain Pathology</i> , 2008, 18, 497-503. | 4.1 | 17 |
| 699 | Social isolation rearing-induced impairment of the hippocampal neurogenesis is associated with deficits in spatial memory and emotion-related behaviors in juvenile mice. <i>Journal of Neurochemistry</i> , 2008, 105, 921-932. | 3.9 | 213 |
| 700 | Relationship between post-traumatic stress disorder-like behavior and reduction of hippocampal 5-bromo-2'-deoxyuridine-positive cells after inescapable shock in rats. <i>Psychiatry and Clinical Neurosciences</i> , 2008, 62, 713-720. | 1.8 | 24 |
| 701 | Genetic background influences the behavioural and molecular consequences of neurokinin-1 receptor knockout. <i>European Journal of Neuroscience</i> , 2008, 27, 683-690. | 2.6 | 26 |
| 702 | Electroconvulsive seizure restores neurogenesis and hippocampus-dependent fear memory after disruption by irradiation. <i>European Journal of Neuroscience</i> , 2008, 27, 1485-1493. | 2.6 | 64 |
| 703 | Decreased levels of serum brain-derived neurotrophic factor in both depressed and euthymic patients with unipolar depression and in euthymic patients with bipolar I and II disorders. <i>Bipolar Disorders</i> , 2008, 10, 95-100. | 1.9 | 133 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 704 | Diverse antidepressants increase CDP-diacylglycerol production and phosphatidylinositol resynthesis in depression-relevant regions of the rat brain. <i>BMC Neuroscience</i> , 2008, 9, 12. | 1.9 | 14 |
| 705 | Fluoxetine-induced proliferation and differentiation of neural progenitor cells isolated from rat postnatal cerebellum. <i>Biochemical Pharmacology</i> , 2008, 76, 391-403. | 4.4 | 37 |
| 706 | Differential regulation of central BDNF protein levels by antidepressant and non-antidepressant drug treatments. <i>Brain Research</i> , 2008, 1211, 37-43. | 2.2 | 173 |
| 707 | Age-dependent decline in hippocampal neurogenesis is not altered by chronic treatment with fluoxetine. <i>Brain Research</i> , 2008, 1228, 14-19. | 2.2 | 63 |
| 708 | Estrogen and adult neurogenesis in the amygdala and hypothalamus. <i>Brain Research Reviews</i> , 2008, 57, 342-351. | 9.0 | 80 |
| 709 | New insights into brain BDNF function in normal aging and Alzheimer disease. <i>Brain Research Reviews</i> , 2008, 59, 201-220. | 9.0 | 482 |
| 710 | Donepezil, an acetylcholinesterase inhibitor, enhances adult hippocampal neurogenesis. <i>Chemico-Biological Interactions</i> , 2008, 175, 227-230. | 4.0 | 92 |
| 711 | Chronic low dose corticosterone exposure decreased hippocampal cell proliferation, volume and induced anxiety and depression like behaviours in mice. <i>European Journal of Pharmacology</i> , 2008, 583, 115-127. | 3.5 | 281 |
| 712 | Antidepressant-like behavioral effects of IGF-I produced by enhanced serotonin transmission. <i>European Journal of Pharmacology</i> , 2008, 594, 109-116. | 3.5 | 48 |
| 713 | Norepinephrine-glucocorticoids interaction does not annul the opposite effects of the individual treatments on cellular plasticity in neuroblastoma cells. <i>European Journal of Pharmacology</i> , 2008, 596, 14-24. | 3.5 | 16 |
| 714 | Development of neural stem cell in the adult brain. <i>Current Opinion in Neurobiology</i> , 2008, 18, 108-115. | 4.2 | 278 |
| 715 | Altered expression of neurotrophic factors in patients with major depression. <i>Journal of Psychiatric Research</i> , 2008, 42, 1145-1153. | 3.1 | 150 |
| 716 | Consequences of changes in BDNF levels on serotonin neurotransmission, 5-HT transporter expression and function: Studies in adult mice hippocampus. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 90, 174-183. | 2.9 | 50 |
| 717 | Repeated neonatal separation results in different neurochemical and behavioral changes in adult male and female Mongolian gerbils. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 88, 533-541. | 2.9 | 15 |
| 718 | Behavioral effects of saredutant, a tachykinin NK2 receptor antagonist, in experimental models of mood disorders under basal and stress-related conditions. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 90, 463-469. | 2.9 | 39 |
| 719 | Brain-derived neurotrophic factor and its receptor tropomyosin-related kinase B in the mechanism of action of antidepressant therapies. , 2008, 117, 30-51. | | 173 |
| 720 | Childhood adversity predicts earlier onset of major depression but not reduced hippocampal volume. <i>Psychiatry Research - Neuroimaging</i> , 2008, 162, 39-49. | 1.8 | 38 |
| 721 | Reduced caudate gray matter volume in women with major depressive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2008, 164, 114-122. | 1.8 | 153 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 722 | Fluoxetine increases the activity of the ERK-CREB signal system and alleviates the depressive-like behavior in rats exposed to chronic forced swim stress. <i>Neurobiology of Disease</i> , 2008, 31, 278-285. | 4.4 | 211 |
| 723 | Further evidence for an antidepressant potential of the selective 5-HT _{1A} agonist SA 4503: electrophysiological, morphological and behavioural studies. <i>International Journal of Neuropsychopharmacology</i> , 2008, 11, 485-95. | 2.1 | 46 |
| 724 | Endocrine regulation of cognition and neuroplasticity: Our pursuit to unveil the complex interaction between hormones, the brain, and behaviour.. <i>Canadian Journal of Experimental Psychology</i> , 2008, 62, 247-260. | 0.8 | 109 |
| 725 | Repeated clomipramine treatment reversed the inhibition of cell proliferation in adult hippocampus induced by chronic unpredictable stress. <i>Pharmacogenomics Journal</i> , 2008, 8, 375-383. | 2.0 | 35 |
| 726 | Interaction between BDNF and Serotonin: Role in Mood Disorders. <i>Neuropsychopharmacology</i> , 2008, 33, 73-83. | 5.4 | 627 |
| 727 | Selective Loss of Brain-Derived Neurotrophic Factor in the Dentate Gyrus Attenuates Antidepressant Efficacy. <i>Biological Psychiatry</i> , 2008, 63, 642-649. | 1.3 | 332 |
| 728 | Drug-Dependent Requirement of Hippocampal Neurogenesis in a Model of Depression and of Antidepressant Reversal. <i>Biological Psychiatry</i> , 2008, 64, 293-301. | 1.3 | 482 |
| 729 | Serum Brain-Derived Neurotrophic Factor, Depression, and Antidepressant Medications: Meta-Analyses and Implications. <i>Biological Psychiatry</i> , 2008, 64, 527-532. | 1.3 | 1,070 |
| 730 | Impact of the Brain-Derived Neurotrophic Factor Val66Met Polymorphism on Levels of Hippocampal N-Acetyl-Aspartate Assessed by Magnetic Resonance Spectroscopic Imaging at 3 Tesla. <i>Biological Psychiatry</i> , 2008, 64, 856-862. | 1.3 | 36 |
| 731 | Neurogenic factors are targets in depression. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2008, 5, 157-160. | 0.5 | 3 |
| 732 | The Molecular Mechanisms of Reward. , 2008, , 193-215. | | 4 |
| 733 | Neural Stem Cells and Neurogenic Niche in the Adult Brain. , 2008, , 83-103. | | 1 |
| 734 | Stem Cell Research and Therapeutics. , 2008, , . | | 3 |
| 735 | Neuropeptide Y signalling on hippocampal stem cells in health and disease. <i>Molecular and Cellular Endocrinology</i> , 2008, 288, 52-62. | 3.2 | 19 |
| 736 | Depletion of central BDNF in mice impedes terminal differentiation of new granule neurons in the adult hippocampus. <i>Molecular and Cellular Neurosciences</i> , 2008, 39, 372-383. | 2.2 | 139 |
| 737 | Suppression of enriched environment-induced neurogenesis in a rodent model of neuropathic pain. <i>Neuroscience Letters</i> , 2008, 440, 314-318. | 2.1 | 42 |
| 738 | 5-HT _{2A/2C} receptor blockade regulates progenitor cell proliferation in the adult rat hippocampus. <i>Neuroscience Letters</i> , 2008, 441, 210-214. | 2.1 | 43 |
| 739 | Chronic unpredictable stress promotes neuronal apoptosis in the cerebral cortex. <i>Neuroscience Letters</i> , 2008, 442, 104-108. | 2.1 | 114 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 740 | Novel effects of Nelumbo nucifera rhizome extract on memory and neurogenesis in the dentate gyrus of the rat hippocampus. Neuroscience Letters, 2008, 443, 104-107. | 2.1 | 45 |
| 741 | Mutant β -synuclein exacerbates age-related decrease of neurogenesis. Neurobiology of Aging, 2008, 29, 913-925. | 3.1 | 106 |
| 742 | TrkB Regulates Hippocampal Neurogenesis and Governs Sensitivity to Antidepressive Treatment. Neuron, 2008, 59, 399-412. | 8.1 | 549 |
| 743 | An Animal Model of a Behavioral Intervention for Depression. Neuron, 2008, 60, 149-161. | 8.1 | 147 |
| 744 | Synergism between fluoxetine and the mGlu2/3 receptor agonist, LY379268, in an in vitro model for antidepressant drug-induced neurogenesis. Neuropharmacology, 2008, 54, 428-437. | 4.1 | 23 |
| 745 | The number of granule cells in rat hippocampus is reduced after chronic mild stress and re-established after chronic escitalopram treatment. Neuropharmacology, 2008, 54, 530-541. | 4.1 | 87 |
| 746 | The selective 5-HT ₆ receptor antagonists SB-271046 and SB-399885 potentiate NCAM PSA immunolabeling of dentate granule cells, but not neurogenesis, in the hippocampal formation of mature Wistar rats. Neuropharmacology, 2008, 54, 1166-1174. | 4.1 | 53 |
| 747 | A role for nuclear β -catenin in SNRI antidepressant-induced hippocampal cell proliferation. Neuropharmacology, 2008, 55, 18-26. | 4.1 | 46 |
| 748 | Transcriptional regulation at a HTR1A polymorphism associated with mental illness. Neuropharmacology, 2008, 55, 977-985. | 4.1 | 158 |
| 749 | Chronic antidepressant treatments increase basic fibroblast growth factor and fibroblast growth factor-binding protein in neurons. Neuropharmacology, 2008, 55, 1114-1120. | 4.1 | 88 |
| 750 | Behavioral and serotonergic consequences of decreasing or increasing hippocampus brain-derived neurotrophic factor protein levels in mice. Neuropharmacology, 2008, 55, 1006-1014. | 4.1 | 136 |
| 751 | Morphine blood levels, dependence, and regulation of hippocampal subgranular zone proliferation rely on administration paradigm. Neuroscience, 2008, 151, 1217-1224. | 2.3 | 36 |
| 752 | Lithium blocks stress-induced changes in depressive-like behavior and hippocampal cell fate: The role of glycogen-synthase-kinase-3 β . Neuroscience, 2008, 152, 656-669. | 2.3 | 151 |
| 753 | Differential 24 h responsiveness of Prox1-expressing precursor cells in adult hippocampal neurogenesis to physical activity, environmental enrichment, and kainic acid-induced seizures. Neuroscience, 2008, 154, 521-529. | 2.3 | 143 |
| 754 | Developmental exposure to 3,4-methylenedioxymethamphetamine results in downregulation of neurogenesis in the adult mouse hippocampus. Neuroscience, 2008, 154, 1034-1041. | 2.3 | 22 |
| 755 | Intact neurogenesis is required for benefits of exercise on spatial memory but not motor performance or contextual fear conditioning in C57BL/6J mice. Neuroscience, 2008, 155, 1048-1058. | 2.3 | 202 |
| 756 | Strain differences in proliferation of progenitor cells in the dentate gyrus of the adult rat and the response to fluoxetine are dependent on corticosterone. Neuroscience, 2008, 157, 677-682. | 2.3 | 36 |
| 757 | I.c.v. administration of orexin-A induces an antidepressive-like effect through hippocampal cell proliferation. Neuroscience, 2008, 157, 720-732. | 2.3 | 100 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 758 | Complete recovery of olfactory associative learning by activation of 5-HT ₄ receptors after dentate granule cell damage in rats. <i>Neurobiology of Learning and Memory</i> , 2008, 90, 185-191. | 1.9 | 14 |
| 759 | It is not either/or: Activation and desensitization of nicotinic acetylcholine receptors both contribute to behaviors related to nicotine addiction and mood. <i>Progress in Neurobiology</i> , 2008, 84, 329-342. | 5.7 | 406 |
| 760 | RAR/RXR and PPAR/RXR signaling in neurological and psychiatric diseases. <i>Progress in Neurobiology</i> , 2008, 85, 433-451. | 5.7 | 84 |
| 761 | The neurobiology of retinoic acid in affective disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 315-331. | 4.8 | 139 |
| 762 | Tianeptine: Potential influences on neuroplasticity and novel pharmacological effects. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 915-924. | 4.8 | 36 |
| 763 | The total flavonoids extracted from Xiaobuxin-Tang up-regulate the decreased hippocampal neurogenesis and neurotrophic molecules expression in chronically stressed rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 1484-1490. | 4.8 | 59 |
| 764 | Differential inhibition of neurogenesis and angiogenesis by corticosterone in rats stimulated with electroconvulsive seizures. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 1466-1472. | 4.8 | 24 |
| 765 | Secretion of S100B, an astrocyte-derived neurotrophic protein, is stimulated by fluoxetine via a mechanism independent of serotonin. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 1580-1583. | 4.8 | 64 |
| 766 | Adult hippocampal cell proliferation is suppressed with estrogen withdrawal after a hormone-simulated pregnancy. <i>Hormones and Behavior</i> , 2008, 54, 203-211. | 2.1 | 96 |
| 767 | From Stem Cells to Grandmother Cells: How Neurogenesis Relates to Learning and Memory. <i>Cell Stem Cell</i> , 2008, 3, 253-258. | 11.1 | 66 |
| 768 | Brain TRPV1: a depressing TR(i)P down memory lane?. <i>Trends in Pharmacological Sciences</i> , 2008, 29, 594-600. | 8.7 | 32 |
| 769 | Adult neurogenesis pharmacology in neurological diseases and disorders. <i>Expert Review of Neurotherapeutics</i> , 2008, 8, 311-320. | 2.8 | 21 |
| 770 | Reduction of Iba1-expressing microglial process density in the hippocampus following electroconvulsive shock. <i>Experimental Neurology</i> , 2008, 212, 440-447. | 4.1 | 34 |
| 771 | Effects of vagus nerve stimulation on rat hippocampal progenitor proliferation. <i>Experimental Neurology</i> , 2008, 214, 259-265. | 4.1 | 101 |
| 772 | Chronic stress-induced cellular changes in the medial prefrontal cortex and their potential clinical implications: Does hemisphere location matter?. <i>Behavioural Brain Research</i> , 2008, 190, 1-13. | 2.2 | 98 |
| 773 | Altered water-maze search behavior in adult guinea pigs following chronic prenatal ethanol exposure: Lack of mitigation by postnatal fluoxetine treatment. <i>Behavioural Brain Research</i> , 2008, 191, 202-209. | 2.2 | 17 |
| 774 | VEGF as a potential target for therapeutic intervention in depression. <i>Current Opinion in Pharmacology</i> , 2008, 8, 14-19. | 3.5 | 133 |
| 775 | Differential long-term effects of MDMA on the serotonergic system and hippocampal cell proliferation in 5-HTT knock-out vs. wild-type mice. <i>International Journal of Neuropsychopharmacology</i> , 2008, 11, 1149. | 2.1 | 39 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 776 | Genetically dependent modulation of serotonergic inactivation in the human prefrontal cortex. <i>NeuroImage</i> , 2008, 40, 1264-1273. | 4.2 | 46 |
| 777 | Antidepressant drugs and memory: Insights from animal studies. <i>European Neuropsychopharmacology</i> , 2008, 18, 235-248. | 0.7 | 43 |
| 778 | Identifying and Quantitating Neural Stem and Progenitor Cells in the Adult Brain. <i>Methods in Cell Biology</i> , 2008, 85, 243-272. | 1.1 | 144 |
| 779 | The dorsal raphe nucleus and serotonin: implications for neuroplasticity linked to major depression and Alzheimer's disease. <i>Progress in Brain Research</i> , 2008, 172, 233-264. | 1.4 | 145 |
| 780 | Chronic Fluoxetine Stimulates Maturation and Synaptic Plasticity of Adult-Born Hippocampal Granule Cells. <i>Journal of Neuroscience</i> , 2008, 28, 1374-1384. | 3.6 | 474 |
| 781 | Cognitive Role of Neurogenesis in Depression and Antidepressant Treatment. <i>Neuroscientist</i> , 2008, 14, 326-338. | 3.5 | 96 |
| 782 | The Antidepressant Fluoxetine Restores Plasticity in the Adult Visual Cortex. <i>Science</i> , 2008, 320, 385-388. | 12.6 | 814 |
| 783 | Fast-acting antidepressants: are we nearly there?. <i>Expert Review of Neurotherapeutics</i> , 2008, 8, 1-3. | 2.8 | 6 |
| 784 | Riluzole in the Treatment of Mood and Anxiety Disorders. <i>CNS Drugs</i> , 2008, 22, 761-786. | 5.9 | 150 |
| 785 | Antipsychotic Drugs: Comparison in Animal Models of Efficacy, Neurotransmitter Regulation, and Neuroprotection. <i>Pharmacological Reviews</i> , 2008, 60, 358-403. | 16.0 | 213 |
| 786 | Cell cycle regulation, neurogenesis, and depression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2259-2260. | 7.1 | 10 |
| 787 | Leptin Increases Adult Hippocampal Neurogenesis in Vivo and in Vitro. <i>Journal of Biological Chemistry</i> , 2008, 283, 18238-18247. | 3.4 | 199 |
| 788 | Antidepressants and Cdk inhibitors: Releasing the brake on neurogenesis?. <i>Cell Cycle</i> , 2008, 7, 2321-2326. | 2.6 | 13 |
| 789 | Genes and Neuroimaging: Advances in Psychiatric Research. <i>Neurodegenerative Diseases</i> , 2008, 5, 277-285. | 1.4 | 15 |
| 790 | p21Cip1 restricts neuronal proliferation in the subgranular zone of the dentate gyrus of the hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1358-1363. | 7.1 | 94 |
| 791 | Adult Neurogenesis, Mental Health, and Mental Illness: Hope or Hype?: Figure 1.. <i>Journal of Neuroscience</i> , 2008, 28, 11785-11791. | 3.6 | 225 |
| 792 | Retinoid-Mediated Regulation of Mood: Possible Cellular Mechanisms. <i>Experimental Biology and Medicine</i> , 2008, 233, 251-258. | 2.4 | 70 |
| 793 | Behavioral Effects of Chronic Fluoxetine in BALB/cJ Mice Do Not Require Adult Hippocampal Neurogenesis or the Serotonin 1A Receptor. <i>Neuropsychopharmacology</i> , 2008, 33, 406-417. | 5.4 | 275 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 794 | Repeated Unpredictable Stress and Antidepressants Differentially Regulate Expression of the Bcl-2 Family of Apoptotic Genes in Rat Cortical, Hippocampal, and Limbic Brain Structures. <i>Neuropsychopharmacology</i> , 2008, 33, 1545-1558. | 5.4 | 141 |
| 795 | Maintenance Treatment with Fluoxetine is Necessary to Sustain Normal Levels of Synaptic Markers in an Experimental Model of Depression: Correlation with Behavioral Response. <i>Neuropsychopharmacology</i> , 2008, 33, 1896-1908. | 5.4 | 71 |
| 796 | Anxiogenic-Like Behavioral Phenotype of Mice Deficient in Phosphodiesterase 4B (PDE4B). <i>Neuropsychopharmacology</i> , 2008, 33, 1611-1623. | 5.4 | 156 |
| 797 | Chronic Stress-induced Hippocampal Vulnerability: The Glucocorticoid Vulnerability Hypothesis. <i>Reviews in the Neurosciences</i> , 2008, 19, 395-411. | 2.9 | 342 |
| 799 | Advances in Cognitive Neurodynamics ICCN 2007. , 2008, , . | | 1 |
| 800 | Chronic Fluoxetine Bidirectionally Modulates Potentiating Effects of Serotonin on the Hippocampal Mossy Fiber Synaptic Transmission. <i>Journal of Neuroscience</i> , 2008, 28, 6272-6280. | 3.6 | 61 |
| 801 | Physical Interaction of Calmodulin with the 5-Hydroxytryptamine _{2C} Receptor C-Terminus Is Essential for G Protein-independent, Arrestin-dependent Receptor Signaling. <i>Molecular Biology of the Cell</i> , 2008, 19, 4640-4650. | 2.1 | 88 |
| 802 | Serum Concentrations of Nerve Growth Factor and Brain-Derived Neurotrophic Factor in Depressed Patients before and after Antidepressant Treatment. <i>Pharmacopsychiatry</i> , 2008, 41, 66-71. | 3.3 | 115 |
| 803 | VEGF, a New Player in Antidepressant Action?. <i>Science Signaling</i> , 2008, 1, pe19. | 3.6 | 25 |
| 805 | Electroconvulsive seizure and VEGF increase the proliferation of neural stem-like cells in rat hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11352-11357. | 7.1 | 201 |
| 806 | The cannabinoid CB ₁ receptor and the endocannabinoid anandamide: possible antidepressant targets. <i>Expert Opinion on Therapeutic Targets</i> , 2008, 12, 1347-1366. | 3.4 | 70 |
| 807 | Genetic Regulation of Behavioral and Neuronal Responses to Fluoxetine. <i>Neuropsychopharmacology</i> , 2008, 33, 1312-1322. | 5.4 | 83 |
| 808 | Rosmarinic Acid from <i>Perillae Herba</i> Produces an Antidepressant-Like Effect in Mice through Cell Proliferation in the Hippocampus. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 1376-1380. | 1.4 | 64 |
| 809 | 5-HT ₁ Receptor Augmentation Strategies as Enhanced Efficacy Therapeutics for Psychiatric Disorders. <i>Current Topics in Medicinal Chemistry</i> , 2008, 8, 1008-1023. | 2.1 | 26 |
| 810 | Role of phosphodiesterase 5 in synaptic plasticity and memory. <i>Neuropsychiatric Disease and Treatment</i> , 2008, 4, 371. | 2.2 | 80 |
| 811 | Rapid Eye Movement Sleep Deprivation Contributes to Reduction of Neurogenesis in the Hippocampal Dentate Gyrus of the Adult Rat. <i>Sleep</i> , 2008, 31, 167-175. | 1.1 | 100 |
| 812 | Adult neurogenesis, neuroinflammation and therapeutic potential of adult neural stem cells. <i>International Journal of Medical Sciences</i> , 2008, 5, 127-132. | 2.5 | 67 |
| 814 | Neurochemical effects of electrically induced seizures: Relevance to the antidepressant mechanism of electroconvulsive therapy. , 0, , 45-74. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 815 | Vardenafil Increases Cell Proliferation in the Dentate Gyrus through Enhancement of Serotonin Expression in the Rat Dorsal Raphe. Journal of Korean Medical Science, 2009, 24, 1099. | 2.5 | 1 |
| 816 | Stress and Neuronal Plasticity. , 2009, , 459-462. | | 0 |
| 817 | H3 Receptor Antagonism Enhances NCAM PSA-Mediated Plasticity and Improves Memory Consolidation in Odor Discrimination and Delayed Match-to-Position Paradigms. Neuropsychopharmacology, 2009, 34, 2585-2600. | 5.4 | 18 |
| 818 | On Chemical Imbalances, Antidepressants, and the Diagnosis of Depression. Ethical Human Psychology and Psychiatry, 2009, 11, 199-214. | 0.5 | 4 |
| 819 | Effects of bifeprunox and aripiprazole on rat serotonin and dopamine neuronal activity and anxiolytic behaviour. Journal of Psychopharmacology, 2009, 23, 177-189. | 4.0 | 31 |
| 820 | Electroconvulsive therapy and nursing care. British Journal of Nursing, 2009, 18, 1370-1370. | 0.7 | 12 |
| 821 | Endocannabinoids in the Treatment of Mood Disorders: Evidence from Animal Models. Current Pharmaceutical Design, 2009, 15, 1623-1646. | 1.9 | 85 |
| 822 | Conditional deletion of TrkB alters adult hippocampal neurogenesis and anxiety-related behavior. Communicative and Integrative Biology, 2009, 2, 14-16. | 1.4 | 31 |
| 823 | Temporal profile of neurogenesis in the subventricular zone, dentate gyrus and cerebral cortex following transient focal cerebral ischemia. Neurological Research, 2009, 31, 969-976. | 1.3 | 34 |
| 824 | Antiglucocorticoids, Neurogenesis and Depression. Mini-Reviews in Medicinal Chemistry, 2009, 9, 249-264. | 2.4 | 17 |
| 825 | Anti-Inflammatory Effects of Antidepressants: Possibilities for Preventives Against Alzheimers Disease. Central Nervous System Agents in Medicinal Chemistry, 2009, 9, 12-19. | 1.1 | 67 |
| 826 | Melatonin Receptor Agonist Agomelatine: A New Drug for Treating Unipolar Depression. Current Pharmaceutical Design, 2009, 15, 1675-1682. | 1.9 | 19 |
| 827 | Requirement of AQP4 for Antidepressive Efficiency of Fluoxetine: Implication in Adult Hippocampal Neurogenesis. Neuropsychopharmacology, 2009, 34, 1263-1276. | 5.4 | 93 |
| 828 | Enhanced Sensitivity of the MRL/MpJ Mouse to the Neuroplastic and Behavioral Effects of Chronic Antidepressant Treatments. Neuropsychopharmacology, 2009, 34, 1764-1773. | 5.4 | 56 |
| 829 | Antidepressant- and Anxiolytic-like Effects of the Phosphodiesterase-4 Inhibitor Rolipram on Behavior Depend on Cyclic AMP Response Element Binding Protein-Mediated Neurogenesis in the Hippocampus. Neuropsychopharmacology, 2009, 34, 2404-2419. | 5.4 | 171 |
| 830 | Paradoxical Anxiogenic Response of Juvenile Mice to Fluoxetine. Neuropsychopharmacology, 2009, 34, 2197-2207. | 5.4 | 69 |
| 831 | Abstinence following Alcohol Drinking Produces Depression-Like Behavior and Reduced Hippocampal Neurogenesis in Mice. Neuropsychopharmacology, 2009, 34, 1209-1222. | 5.4 | 126 |
| 832 | Effects of the Brain-Derived Neurotrophic Growth Factor Val66Met Variation on Hippocampus Morphology in Bipolar Disorder. Neuropsychopharmacology, 2009, 34, 944-951. | 5.4 | 101 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 833 | Evidence Why Paroxetine Dose Escalation is Not Effective in Major Depressive Disorder: A Randomized Controlled Trial With Assessment of Serotonin Transporter Occupancy. <i>Neuropsychopharmacology</i> , 2009, 34, 999-1010. | 5.4 | 73 |
| 834 | Fourteen compounds and their derivatives for the treatment of diseases and injuries characterized by reduced neurogenesis and neurodegeneration. <i>Expert Opinion on Therapeutic Patents</i> , 2009, 19, 541-547. | 5.0 | 5 |
| 835 | Induction of Neuronal Vascular Endothelial Growth Factor Expression by cAMP in the Dentate Gyrus of the Hippocampus Is Required for Antidepressant-Like Behaviors. <i>Journal of Neuroscience</i> , 2009, 29, 8493-8505. | 3.6 | 62 |
| 836 | Rapid change of neuropeptide Y levels and gene-expression in the brain of ovariectomized mice after administration of 17 β -estradiol. <i>Neuropeptides</i> , 2009, 43, 327-332. | 2.2 | 11 |
| 837 | Changes in BDNF serum levels in patients with major depression disorder (MDD) after 6 months treatment with sertraline, escitalopram, or venlafaxine. <i>Journal of Psychiatric Research</i> , 2009, 43, 247-254. | 3.1 | 212 |
| 838 | PUFA induce antidepressant-like effects in parallel to structural and molecular changes in the hippocampus. <i>Psychoneuroendocrinology</i> , 2009, 34, 199-211. | 2.7 | 157 |
| 839 | Maternal deprivation by early weaning increases corticosterone and decreases hippocampal BDNF and neurogenesis in mice. <i>Psychoneuroendocrinology</i> , 2009, 34, 762-772. | 2.7 | 93 |
| 840 | Flow cytometric analysis of BrdU incorporation as a high-throughput method for measuring adult neurogenesis in the mouse. <i>Journal of Pharmacological and Toxicological Methods</i> , 2009, 59, 100-107. | 0.7 | 45 |
| 841 | Effect of voluntary running on adult hippocampal neurogenesis in cholinergic lesioned mice. <i>BMC Neuroscience</i> , 2009, 10, 57. | 1.9 | 28 |
| 842 | Interleukin-1 (IL-1): A central regulator of stress responses. <i>Frontiers in Neuroendocrinology</i> , 2009, 30, 30-45. | 5.2 | 330 |
| 843 | Effects of steroid hormones on neurogenesis in the hippocampus of the adult female rodent during the estrous cycle, pregnancy, lactation and aging. <i>Frontiers in Neuroendocrinology</i> , 2009, 30, 343-357. | 5.2 | 265 |
| 844 | Neuroplasticity as a target for the pharmacotherapy of anxiety disorders, mood disorders, and schizophrenia. <i>Drug Discovery Today</i> , 2009, 14, 690-697. | 6.4 | 60 |
| 845 | $\hat{1}\pm 1A$ - and $\hat{1}\pm 1B$ -adrenergic receptors differentially modulate antidepressant-like behavior in the mouse. <i>Brain Research</i> , 2009, 1285, 148-157. | 2.2 | 58 |
| 846 | Effects of repeated citalopram treatment on kainic acid-induced neurogenesis in adult mouse hippocampus. <i>Brain Research</i> , 2009, 1288, 18-28. | 2.2 | 14 |
| 847 | Decreased cell proliferation in the dentate gyrus does not associate with development of anhedonic-like symptoms in rats. <i>Brain Research</i> , 2009, 1290, 133-141. | 2.2 | 72 |
| 848 | The effects of exercise on adolescent hippocampal neurogenesis in a rat model of binge alcohol exposure during the brain growth spurt. <i>Brain Research</i> , 2009, 1294, 1-11. | 2.2 | 90 |
| 849 | Computational modeling and empirical studies of hippocampal neurogenesis-dependent memory: Effects of interference, stress and depression. <i>Brain Research</i> , 2009, 1299, 45-54. | 2.2 | 62 |
| 850 | CTN-986, a compound extracted from cottonseeds, increases cell proliferation in hippocampus in vivo and in cultured neural progenitor cells in vitro. <i>European Journal of Pharmacology</i> , 2009, 607, 110-113. | 3.5 | 13 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 851 | Effect of postnatal methamphetamine trauma and adolescent methylphenidate treatment on adult hippocampal neurogenesis in gerbils. <i>European Journal of Pharmacology</i> , 2009, 616, 86-90. | 3.5 | 18 |
| 852 | Brain derived neurotrophic factor Val66Met polymorphism, the five factor model of personality and hippocampal volume: Implications for depressive illness. <i>Human Brain Mapping</i> , 2009, 30, 1246-1256. | 3.6 | 78 |
| 853 | Altered sleep brain functional connectivity in acutely depressed patients. <i>Human Brain Mapping</i> , 2009, 30, 2207-2219. | 3.6 | 132 |
| 854 | Physical exercise leads to rapid adaptations in hippocampal vasculature: Temporal dynamics and relationship to cell proliferation and neurogenesis. <i>Hippocampus</i> , 2009, 19, 928-936. | 1.9 | 180 |
| 855 | The antidepressant effects of running and escitalopram are associated with levels of hippocampal NPY and Y1 receptor but not cell proliferation in a rat model of depression. <i>Hippocampus</i> , 2010, 20, 820-828. | 1.9 | 54 |
| 856 | Chronic fluoxetine treatment improves ischemia-induced spatial cognitive deficits through increasing hippocampal neurogenesis after stroke. <i>Journal of Neuroscience Research</i> , 2009, 87, 112-122. | 2.9 | 116 |
| 857 | Enriched environment restores hippocampal cell proliferation and ameliorates cognitive deficits in chronically stressed rats. <i>Journal of Neuroscience Research</i> , 2009, 87, 831-843. | 2.9 | 123 |
| 858 | Enriched environment fails to increase meningitis-induced neurogenesis and spatial memory in a mouse model of pneumococcal meningitis. <i>Journal of Neuroscience Research</i> , 2009, 87, 1877-1883. | 2.9 | 10 |
| 859 | Reduced hippocampal neurogenesis in the GR+/α genetic mouse model of depression. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2009, 259, 499-504. | 3.2 | 52 |
| 860 | The inflammatory & neurodegenerative (I&ND) hypothesis of depression: leads for future research and new drug developments in depression. <i>Metabolic Brain Disease</i> , 2009, 24, 27-53. | 2.9 | 775 |
| 861 | Exercise and Bipolar Disorder: A Review of Neurobiological Mediators. <i>NeuroMolecular Medicine</i> , 2009, 11, 328-336. | 3.4 | 41 |
| 862 | The Role of Melanin-Concentrating Hormone in Energy Homeostasis and Mood Disorders. <i>Journal of Molecular Neuroscience</i> , 2009, 39, 86-98. | 2.3 | 30 |
| 863 | Targeting the Hippocampal Mossy Fiber Synapse for the Treatment of Psychiatric Disorders. <i>Molecular Neurobiology</i> , 2009, 39, 24-36. | 4.0 | 63 |
| 865 | Impact of diet on adult hippocampal neurogenesis. <i>Genes and Nutrition</i> , 2009, 4, 271-282. | 2.5 | 159 |
| 866 | Amisulpride is a potent 5-HT7 antagonist: relevance for antidepressant actions in vivo. <i>Psychopharmacology</i> , 2009, 205, 119-128. | 3.1 | 240 |
| 867 | Chronic treatment with AMPA receptor potentiator Org 26576 increases neuronal cell proliferation and survival in adult rodent hippocampus. <i>Psychopharmacology</i> , 2009, 206, 215-222. | 3.1 | 22 |
| 868 | Different Forms of Oestrogen Rapidly Upregulate Cell Proliferation in the Dentate Gyrus of Adult Female Rats. <i>Journal of Neuroendocrinology</i> , 2009, 21, 155-166. | 2.6 | 91 |
| 869 | Behavioural and Neurochemical Consequences of Early Weaning in Rodents. <i>Journal of Neuroendocrinology</i> , 2009, 21, 427-431. | 2.6 | 136 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 870 | The mood-improving actions of antidepressants do not depend on neurogenesis but are associated with neuronal remodeling. <i>Molecular Psychiatry</i> , 2009, 14, 764-773. | 7.9 | 476 |
| 871 | Centrifugal Drive onto Local Inhibitory Interneurons of the Olfactory Bulb. <i>Annals of the New York Academy of Sciences</i> , 2009, 1170, 239-254. | 3.8 | 35 |
| 872 | Seizures increase cell proliferation in the dentate gyrus by shortening progenitor cell cycle length. <i>Epilepsia</i> , 2009, 50, 2638-2647. | 5.1 | 19 |
| 873 | Knockout of the norepinephrine transporter and pharmacologically diverse antidepressants prevent behavioral and brain neurotrophin alterations in two chronic stress models of depression. <i>Journal of Neurochemistry</i> , 2009, 111, 403-416. | 3.9 | 99 |
| 874 | Adult hippocampal neurogenesis: Regulation, functional implications, and contribution to disease pathology. <i>Neuroscience and Biobehavioral Reviews</i> , 2009, 33, 232-252. | 6.1 | 333 |
| 875 | A novel method for reliable nuclear antibody detection in tissue with high levels of pathology-induced autofluorescence. <i>Journal of Neuroscience Methods</i> , 2009, 185, 45-49. | 2.5 | 9 |
| 876 | Interest of using genetically manipulated mice as models of depression to evaluate antidepressant drugs activity: a review. <i>Fundamental and Clinical Pharmacology</i> , 2009, 23, 23-42. | 1.9 | 36 |
| 877 | Hormone Regulation of Adult Hippocampal Neurogenesis in the Mammalian Brain. , 2009, , 2165-2200. | | 1 |
| 878 | A proteomic investigation of similarities between conventional and herbal antidepressant treatments. <i>Journal of Psychopharmacology</i> , 2009, 23, 520-530. | 4.0 | 24 |
| 879 | Antidepressant electroconvulsive therapy: Mechanism of action, recent advances and limitations. <i>Experimental Neurology</i> , 2009, 219, 20-26. | 4.1 | 78 |
| 880 | The effects of stressful stimuli and hypothalamic-pituitary-adrenal axis activation are reversed by the melanin-concentrating hormone 1 receptor antagonist SNAP 94847 in rodents. <i>Behavioural Brain Research</i> , 2009, 197, 284-291. | 2.2 | 42 |
| 881 | Neuropeptides in depression: Role of VGF. <i>Behavioural Brain Research</i> , 2009, 197, 262-278. | 2.2 | 85 |
| 882 | The 5-HT7 receptor is involved in allocentric spatial memory information processing. <i>Behavioural Brain Research</i> , 2009, 202, 26-31. | 2.2 | 112 |
| 883 | Antidepressant-like effects of glucagon-like peptide-2 in mice occur via monoamine pathways. <i>Behavioural Brain Research</i> , 2009, 204, 235-240. | 2.2 | 34 |
| 884 | A cognitive neuroscience hypothesis of mood and depression. <i>Trends in Cognitive Sciences</i> , 2009, 13, 456-463. | 7.8 | 170 |
| 885 | Exercise and the brain: something to chew on. <i>Trends in Neurosciences</i> , 2009, 32, 283-290. | 8.6 | 485 |
| 886 | Neurogenesis-Dependent and -Independent Effects of Fluoxetine in an Animal Model of Anxiety/Depression. <i>Neuron</i> , 2009, 62, 479-493. | 8.1 | 1,080 |
| 887 | Dissecting the Pathophysiology of Depression with a Swiss Army Knife. <i>Neuron</i> , 2009, 62, 453-455. | 8.1 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 888 | Immune Influence on Adult Neural Stem Cell Regulation and Function. <i>Neuron</i> , 2009, 64, 79-92. | 8.1 | 198 |
| 889 | Caffeine alters proliferation of neuronal precursors in the adult hippocampus. <i>Neuropharmacology</i> , 2009, 56, 994-1000. | 4.1 | 53 |
| 890 | Synergistic effects of dehydroepiandrosterone and fluoxetine on proliferation of progenitor cells in the dentate gyrus of the adult male rat. <i>Neuroscience</i> , 2009, 158, 1644-1651. | 2.3 | 34 |
| 891 | Intracranial self-stimulation enhances neurogenesis in hippocampus of adult mice and rats. <i>Neuroscience</i> , 2009, 158, 402-411. | 2.3 | 29 |
| 892 | Prozac during puberty: distinctive effects on neurogenesis as a function of age and sex. <i>Neuroscience</i> , 2009, 163, 609-617. | 2.3 | 45 |
| 893 | New insights into the relationship of neurogenesis and affect: tickling induces hippocampal cell proliferation in rats emitting appetitive 50-kHz ultrasonic vocalizations. <i>Neuroscience</i> , 2009, 163, 1024-1030. | 2.3 | 53 |
| 894 | An enriched environment restores normal behavior while providing cytoskeletal restoration and synaptic changes in the hippocampus of rats exposed to an experimental model of depression. <i>Neuroscience</i> , 2009, 164, 929-940. | 2.3 | 24 |
| 895 | 5-HT1A receptor function in major depressive disorder. <i>Progress in Neurobiology</i> , 2009, 88, 17-31. | 5.7 | 482 |
| 896 | Two different putative genetic animal models of childhood depression—A review. <i>Progress in Neurobiology</i> , 2009, 88, 153-169. | 5.7 | 71 |
| 897 | Adult neurogenesis and the olfactory system. <i>Progress in Neurobiology</i> , 2009, 89, 162-175. | 5.7 | 276 |
| 898 | The neurobiology of brain and cognitive reserve: Mental and physical activity as modulators of brain disorders. <i>Progress in Neurobiology</i> , 2009, 89, 369-382. | 5.7 | 273 |
| 899 | Chronic lithium treatment decreases NG2 cell proliferation in rat dentate hilus, amygdala and corpus callosum. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 503-510. | 4.8 | 15 |
| 900 | Notch1 signaling, hippocampal neurogenesis and behavioral responses to chronic unpredicted mild stress in adult ischemic rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 688-694. | 4.8 | 41 |
| 901 | Glial cell activation in response to electroconvulsive seizures. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 1119-1128. | 4.8 | 88 |
| 902 | Antidepressant properties of the 5-HT4 receptor partial agonist, SL65.0155: Behavioral and neurochemical studies in rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 1205-1210. | 4.8 | 48 |
| 903 | Effects of typical (haloperidol) and atypical (risperidone) antipsychotic agents on protein expression in rat neural stem cells. <i>Neurochemistry International</i> , 2009, 55, 558-565. | 3.8 | 16 |
| 904 | Monoaminergic regulation of Sonic hedgehog signaling cascade expression in the adult rat hippocampus. <i>Neuroscience Letters</i> , 2009, 453, 190-194. | 2.1 | 22 |
| 905 | Sub-chronic administration of rimonabant causes loss of antidepressive activity and decreases doublecortin immunoreactivity in the mouse hippocampus. <i>Neuroscience Letters</i> , 2009, 467, 111-116. | 2.1 | 29 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 906 | Adult neurogenesis and its alteration under pathological conditions. Neuroscience Research, 2009, 63, 155-164. | 1.9 | 89 |
| 907 | Neurophysiological mechanisms of electroconvulsive therapy for depression. Neuroscience Research, 2009, 64, 3-11. | 1.9 | 55 |
| 908 | Long-term cognitive deficits accompanied by reduced neurogenesis after soman poisoning. NeuroToxicology, 2009, 30, 72-80. | 3.0 | 38 |
| 909 | Erythropoietin Induction by Electroconvulsive Seizure, Gene Regulation, and Antidepressant-Like Behavioral Effects. Biological Psychiatry, 2009, 66, 267-274. | 1.3 | 68 |
| 910 | Co-Treatment with Diazepam Prevents the Effects of Fluoxetine on the Proliferation and Survival of Hippocampal Dentate Granule Cells. Biological Psychiatry, 2009, 66, 5-8. | 1.3 | 69 |
| 911 | Blocked Inhibitory Serine-Phosphorylation of Glycogen Synthase Kinase-3 α/β Impairs In Vivo Neural Precursor Cell Proliferation. Biological Psychiatry, 2009, 66, 494-502. | 1.3 | 109 |
| 912 | A Brain-Derived Neurotrophic Factor Haplotype Is Associated with Therapeutic Response in Obsessive-Compulsive Disorder. Biological Psychiatry, 2009, 66, 674-680. | 1.3 | 34 |
| 913 | Antidepressants increase neural progenitor cells in the human hippocampus. Neuropsychopharmacology, 2009, 34, 2376-2389. | 5.4 | 588 |
| 914 | Adult-Born Hippocampal Neurons Are More Numerous, Faster Maturing, and More Involved in Behavior in Rats than in Mice. Journal of Neuroscience, 2009, 29, 14484-14495. | 3.6 | 371 |
| 915 | The Antidepressive Effects of Exercise. Sports Medicine, 2009, 39, 491-511. | 6.5 | 445 |
| 916 | Signaling in Adult Neurogenesis. Annual Review of Cell and Developmental Biology, 2009, 25, 253-275. | 9.4 | 324 |
| 917 | A New Role for FGF2 as an Endogenous Inhibitor of Anxiety. Journal of Neuroscience, 2009, 29, 6379-6387. | 3.6 | 132 |
| 918 | Neuronal Correlates of Brain-derived Neurotrophic Factor Val66Met Polymorphism and Morphometric Abnormalities in Bipolar Disorder. Neuropsychopharmacology, 2009, 34, 1904-1913. | 5.4 | 109 |
| 919 | Magnetic resonance imaging for monitoring neurogenesis in the adult hippocampus. Expert Opinion on Medical Diagnostics, 2009, 3, 211-216. | 1.6 | 2 |
| 920 | Repeated electroconvulsive seizures increase the total number of synapses in adult male rat hippocampus. European Neuropsychopharmacology, 2009, 19, 329-338. | 0.7 | 133 |
| 921 | The partial 5-HT _{1A} receptor agonist bupirone enhances neurogenesis in the opossum (Monodelphis) Tj ETQq1 1 0.784314 rgBT /Overl | 0.7 | 28 |
| 922 | Clomipramine treatment reversed the glial pathology in a chronic unpredictable stress-induced rat model of depression. European Neuropsychopharmacology, 2009, 19, 796-805. | 0.7 | 74 |
| 923 | Antidepressive behaviors induced by enriched environment might be modulated by glucocorticoid levels. European Neuropsychopharmacology, 2009, 19, 868-875. | 0.7 | 26 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 924 | Can voxel based morphometry, manual segmentation and automated segmentation equally detect hippocampal volume differences in acute depression?. <i>NeuroImage</i> , 2009, 45, 29-37. | 4.2 | 254 |
| 925 | Low serum BDNF and food intake regulation: A possible new explanation of the pathophysiology of eating disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 312-316. | 4.8 | 54 |
| 926 | Ageing abolishes the effects of fluoxetine on neurogenesis. <i>Molecular Psychiatry</i> , 2009, 14, 856-864. | 7.9 | 124 |
| 931 | Vilazodone: A 5-HT _{1A} Receptor Agonist/Serotonin Transporter Inhibitor for the Treatment of Affective Disorders. <i>CNS Neuroscience and Therapeutics</i> , 2009, 15, 107-117. | 3.9 | 248 |
| 932 | Polymorphisms of sepiapterin reductase gene alter promoter activity and may influence risk of bipolar disorder. <i>Pharmacogenetics and Genomics</i> , 2009, 19, 330-337. | 1.5 | 14 |
| 933 | Prospect of a Dopamine Contribution in the Next Generation of Antidepressant Drugs: The Triple Reuptake Inhibitors. <i>Current Drug Targets</i> , 2009, 10, 1069-1084. | 2.1 | 73 |
| 934 | Does Dual Antidepressant Therapy as Initial Treatment Hasten and Increase Remission from Depression?. <i>Journal of Psychiatric Practice</i> , 2009, 15, 337-345. | 0.7 | 11 |
| 935 | Desipramine prevents stress-induced changes in depressive-like behavior and hippocampal markers of neuroprotection. <i>Behavioural Pharmacology</i> , 2009, 20, 273-285. | 1.7 | 87 |
| 936 | Intracerebroventricular infusion of cytosine-arabinoside causes prepulse inhibition disruption. <i>NeuroReport</i> , 2009, 20, 371-377. | 1.2 | 19 |
| 937 | Stimulation of Neurogenesis and Synaptogenesis by Bilobalide and Quercetin via Common Final Pathway in Hippocampal Neurons. <i>Journal of Alzheimer's Disease</i> , 2009, 18, 787-798. | 2.6 | 145 |
| 938 | Adult hippocampal neurogenesis and related neurotrophic factors. <i>BMB Reports</i> , 2009, 42, 239-244. | 2.4 | 198 |
| 939 | Stress and Adult Neurogenesis in the Mammalian Central Nervous System. , 0, , 71-91. | | 4 |
| 940 | Future Drugs for the Treatment of Depression: <i>The Need to Look Beyond Monoamine Systems</i>. <i>CNS Spectrums</i> , 2009, 14, 14-16. | 1.2 | 5 |
| 941 | A Possible Mechanism Underlying an Antidepressive-Like Effect of Kososan, a Kampo Medicine, via the Hypothalamic Orexinergic System in the Stress-Induced Depression-Like Model Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 1716-1722. | 1.4 | 34 |
| 942 | The Function of Notch1 Signaling Was Increased in Parallel with Neurogenesis in Rat Hippocampus after Chronic Fluoxetine Administration. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 1776-1782. | 1.4 | 12 |
| 943 | Therapeutic Potential of 5-HT ₇ Receptors in Mood Disorders. <i>Current Drug Targets</i> , 2009, 10, 1109-1117. | 2.1 | 32 |
| 944 | Eszopiclone and fluoxetine enhance the survival of newborn neurons in the adult rat hippocampus. <i>International Journal of Neuropsychopharmacology</i> , 2009, 12, 1421. | 2.1 | 12 |
| 945 | Therapeutic Relevance of the Allosteric Modulation of the 5-HT Transporter. <i>Current Signal Transduction Therapy</i> , 2009, 4, 82-87. | 0.5 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 946 | Serotonin Receptors, Type 4: A New Hope?. <i>Current Drug Targets</i> , 2009, 10, 1085-1095. | 2.1 | 27 |
| 947 | Electroconvulsive Therapy: Part I. A Perspective on the Evolution and Current Practice of ECT. <i>Journal of Psychiatric Practice</i> , 2009, 15, 346-368. | 0.7 | 124 |
| 948 | Mutant mouse models and antidepressant drug research: focus on serotonin and brain-derived neurotrophic factor. <i>Behavioural Pharmacology</i> , 2009, 20, 18-32. | 1.7 | 47 |
| 949 | Fuzi polysaccharide-1 produces antidepressant-like effects in mice. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 623-633. | 2.1 | 76 |
| 950 | Neurogenic Drugs and Compounds. <i>Recent Patents on CNS Drug Discovery</i> , 2010, 5, 253-257. | 0.9 | 10 |
| 951 | Nitric oxide mechanism in the protective effect of antidepressants against 3-nitropropionic acid-induced cognitive deficit, glutathione and mitochondrial alterations in animal model of Huntington's disease. <i>Behavioural Pharmacology</i> , 2010, 21, 217-230. | 1.7 | 40 |
| 952 | Antidepressant Treatment Restores Brain-Derived Neurotrophic Factor Serum Levels and Ameliorates Motor Function in Parkinson Disease Patients. <i>Journal of Clinical Psychopharmacology</i> , 2010, 30, 751-753. | 1.4 | 21 |
| 953 | Role of zinc in the development and treatment of mood disorders. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2010, 13, 685-689. | 2.5 | 65 |
| 954 | Neuroserpin is expressed in early stage of neurogenesis in adult rat hippocampus. <i>NeuroReport</i> , 2010, 21, 138-142. | 1.2 | 11 |
| 955 | Antidepressant effects of estrogens: a basic approximation. <i>Behavioural Pharmacology</i> , 2010, 21, 451-464. | 1.7 | 47 |
| 956 | The design of new antidepressants. <i>Behavioural Pharmacology</i> , 2010, 21, 677-689. | 1.7 | 23 |
| 957 | Duration of Untreated Psychosis and Duration of Untreated Illness: New Vistas. <i>CNS Spectrums</i> , 2010, 15, 238-246. | 1.2 | 55 |
| 959 | Treatment Implications of the Schizophrenia Prodrome. <i>Current Topics in Behavioral Neurosciences</i> , 2010, 4, 97-121. | 1.7 | 30 |
| 960 | Enhanced sensitivity of the MRL/MpJ mouse to the neuroplastic and behavioral effects of acute and chronic antidepressant treatments.. <i>Experimental and Clinical Psychopharmacology</i> , 2010, 18, 71-77. | 1.8 | 7 |
| 962 | Can endogenous stem cells be stimulated to repair the degenerating brain? <i>Journal of Pharmacy and Pharmacology</i> , 2010, 56, 1201-1210. | 2.4 | 3 |
| 963 | Structural Plasticity and Hippocampal Function. <i>Annual Review of Psychology</i> , 2010, 61, 111-140. | 17.7 | 339 |
| 964 | Sustained stress-induced changes in mice as a model for chronic depression. <i>Psychopharmacology</i> , 2010, 210, 393-406. | 3.1 | 92 |
| 965 | Nicotinic acetylcholine receptors and depression: a review of the preclinical and clinical literature. <i>Psychopharmacology</i> , 2010, 212, 1-12. | 3.1 | 154 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 966 | p75 neurotrophin receptor regulates basal and fluoxetine-stimulated hippocampal neurogenesis. <i>Experimental Brain Research</i> , 2010, 200, 161-167. | 1.5 | 25 |
| 967 | The neuropathology of autism: defects of neurogenesis and neuronal migration, and dysplastic changes. <i>Acta Neuropathologica</i> , 2010, 119, 755-770. | 7.7 | 485 |
| 968 | The role of proteomics in depression research. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2010, 260, 499-506. | 3.2 | 54 |
| 969 | Chronic administration of harmine elicits antidepressant-like effects and increases BDNF levels in rat hippocampus. <i>Journal of Neural Transmission</i> , 2010, 117, 1131-1137. | 2.8 | 85 |
| 970 | Effects of brain insults and pharmacological manipulations on the adult hippocampal neurogenesis. <i>Archives of Pharmacol Research</i> , 2010, 33, 1475-1488. | 6.3 | 18 |
| 971 | Intranasal Administration of Nerve Growth Factor Produces Antidepressant-Like Effects in Animals. <i>Neurochemical Research</i> , 2010, 35, 1302-1314. | 3.3 | 35 |
| 972 | Neuroimmune mechanisms of cytokine-induced depression: Current theories and novel treatment strategies. <i>Neurobiology of Disease</i> , 2010, 37, 519-533. | 4.4 | 205 |
| 973 | Epigenetics, hippocampal neurogenesis, and neuropsychiatric disorders: Unraveling the genome to understand the mind. <i>Neurobiology of Disease</i> , 2010, 39, 73-84. | 4.4 | 132 |
| 974 | Nerve growth factor (NGF) has novel antidepressant-like properties in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 94, 553-560. | 2.9 | 41 |
| 975 | Sigma receptors: Potential targets for a new class of antidepressant drug. , 2010, 127, 271-282. | | 109 |
| 976 | From the cell to the clinic: A comparative review of the partial D2/D3 receptor agonist and α 2-adrenoceptor antagonist, pibedil, in the treatment of Parkinson's disease. , 2010, 128, 229-273. | | 68 |
| 977 | Dietary supplementation of soy germ phytoestrogens or estradiol improves spatial memory performance and increases gene expression of BDNF, TrkB receptor and synaptic factors in ovariectomized rats. <i>Nutrition and Metabolism</i> , 2010, 7, 75. | 3.0 | 63 |
| 978 | Dexamethasone enhances the norepinephrine-induced ERK/MAPK intracellular pathway possibly via dysregulation of the α 2-adrenergic receptor: Implications for antidepressant drug mechanism of action. <i>European Journal of Cell Biology</i> , 2010, 89, 712-722. | 3.6 | 27 |
| 979 | Effects of MDMA (‘ecstasy’) during adolescence on place conditioning and hippocampal neurogenesis. <i>European Journal of Pharmacology</i> , 2010, 628, 96-103. | 3.5 | 26 |
| 980 | Effects of lamotrigine and topiramate on hippocampal neurogenesis in experimental temporal-lobe epilepsy. <i>Brain Research</i> , 2010, 1313, 270-282. | 2.2 | 35 |
| 981 | Rosiglitazone, an agonist of peroxisome proliferator-activated receptor γ , decreases immunoreactivity of markers for cell proliferation and neuronal differentiation in the mouse hippocampus. <i>Brain Research</i> , 2010, 1329, 30-35. | 2.2 | 14 |
| 982 | Comparison of neurogenic effects of fluoxetine, duloxetine and running in mice. <i>Brain Research</i> , 2010, 1341, 93-99. | 2.2 | 87 |
| 983 | HCNP precursor protein transgenic mice display a depressive-like phenotype in old age. <i>Brain Research</i> , 2010, 1349, 153-161. | 2.2 | 22 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 984 | Levetiracetam suppresses development of spontaneous EEG seizures and aberrant neurogenesis following kainate-induced status epilepticus. <i>Brain Research</i> , 2010, 1352, 187-199. | 2.2 | 52 |
| 985 | Chronic antidepressant administration alleviates frontal and hippocampal BDNF deficits in CUMS rat. <i>Brain Research</i> , 2010, 1366, 141-148. | 2.2 | 114 |
| 986 | Hippocampal cell loss and neurogenesis after fetal alcohol exposure: Insights from different rodent models. <i>Brain Research Reviews</i> , 2010, 64, 283-303. | 9.0 | 164 |
| 987 | Imipramine treatment increases the number of hippocampal synapses and neurons in a genetic animal model of depression. <i>Hippocampus</i> , 2010, 20, 1376-1384. | 1.9 | 87 |
| 988 | The role of BDNF and its receptors in depression and antidepressant drug action: Reactivation of developmental plasticity. <i>Developmental Neurobiology</i> , 2010, 70, 289-297. | 3.0 | 725 |
| 989 | Adult hippocampal neurogenesis in aging and Alzheimer's disease. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2010, 90, 284-296. | 3.6 | 49 |
| 990 | Roles of neural stem cells and adult neurogenesis in adolescent alcohol use disorders. <i>Alcohol</i> , 2010, 44, 39-56. | 1.7 | 54 |
| 991 | Antidepressants are a rational complementary therapy for the treatment of Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2010, 5, 10. | 10.8 | 45 |
| 992 | Effects of repeated electroconvulsive seizure on cell proliferation in the rat hippocampus. <i>Synapse</i> , 2010, 64, 814-821. | 1.2 | 29 |
| 993 | Research in people with psychosis risk syndrome: a review of the current evidence and future directions. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2010, 51, 390-431. | 5.2 | 167 |
| 994 | Modulatory effects of neuropsychopharmaca on intracellular pH of hippocampal neurones <i>in vitro</i> . <i>British Journal of Pharmacology</i> , 2010, 159, 474-483. | 5.4 | 19 |
| 995 | Open questions in current models of antidepressant action. <i>British Journal of Pharmacology</i> , 2010, 159, 1187-1200. | 5.4 | 96 |
| 996 | Mending the broken brain: neuroimmune interactions in neurogenesis. <i>Journal of Neurochemistry</i> , 2010, 114, 1277-1290. | 3.9 | 81 |
| 997 | Hippocampal adult neurogenesis is enhanced by chronic eszopiclone treatment in rats. <i>Journal of Sleep Research</i> , 2010, 19, 384-393. | 3.2 | 14 |
| 998 | New neurons and new memories: how does adult hippocampal neurogenesis affect learning and memory?. <i>Nature Reviews Neuroscience</i> , 2010, 11, 339-350. | 10.2 | 1,766 |
| 999 | Environmental enrichment requires adult neurogenesis to facilitate the recovery from psychosocial stress. <i>Molecular Psychiatry</i> , 2010, 15, 1152-1163. | 7.9 | 270 |
| 1000 | Lithium Restores Neurogenesis in the Subventricular Zone of the Ts65Dn Mouse, a Model for Down Syndrome. <i>Brain Pathology</i> , 2010, 20, 106-118. | 4.1 | 75 |
| 1001 | Antidepressant fluoxetine suppresses neuronal growth from both vertebrate and invertebrate neurons and perturbs synapse formation between <i>Lymnaea</i> neurons. <i>European Journal of Neuroscience</i> , 2010, 31, 994-1005. | 2.6 | 24 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1002 | Long-lasting effects of childhood abuse on neurobiology. , 0, , 166-177. | | 2 |
| 1003 | 3 β -androstenediol, but not testosterone, attenuates age-related decrements in cognitive, anxiety, and depressive behavior of male rats. <i>Frontiers in Aging Neuroscience</i> , 2010, 2, 15. | 3.4 | 55 |
| 1004 | Neural stem cell regulation, fibroblast growth factors, and the developmental origins of neuropsychiatric disorders. <i>Frontiers in Neuroscience</i> , 2010, 4, . | 2.8 | 48 |
| 1005 | Oppositional effects of serotonin receptors 5-HT1a, 2, and 2c in the regulation of adult hippocampal neurogenesis. <i>Frontiers in Molecular Neuroscience</i> , 2010, 3, . | 2.9 | 65 |
| 1006 | The serotonin transporter and animal models of depression. , 2010, , 135-169. | | 0 |
| 1007 | Resveratrol and Red Wine Function as Antioxidants in the Nervous System without Cellular Proliferative Effects during Experimental Diabetes. <i>Oxidative Medicine and Cellular Longevity</i> , 2010, 3, 434-441. | 4.0 | 50 |
| 1008 | Early Pharmacotherapy Restores Neurogenesis and Cognitive Performance in the Ts65Dn Mouse Model for Down Syndrome. <i>Journal of Neuroscience</i> , 2010, 30, 8769-8779. | 3.6 | 164 |
| 1009 | Exercise-induced normalization of decreased BDNF serum concentration in elderly women with remitted major depression. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 595-602. | 2.1 | 142 |
| 1010 | A Hypothesized Role for Dendritic Remodeling in the Etiology of Mood and Anxiety Disorders. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2010, 22, 256-264. | 1.8 | 57 |
| 1011 | Sex-Specific Effects of Chronic Fluoxetine Treatment on Neuroplasticity and Pharmacokinetics in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 266-273. | 2.5 | 77 |
| 1012 | Cell Modulation in the Lung and Brain. <i>Refresher Courses in Anesthesiology</i> , 2010, 38, 121-127. | 0.1 | 0 |
| 1013 | Increase in Hippocampal Volume After Electroconvulsive Therapy in Patients With Depression. <i>Journal of ECT</i> , 2010, 26, 62-67. | 0.6 | 164 |
| 1014 | Proteomic analysis of rat hippocampus exposed to the antidepressant paroxetine. <i>Journal of Psychopharmacology</i> , 2010, 24, 1243-1251. | 4.0 | 20 |
| 1015 | Enhanced Amylin-Mediated Body Weight Loss in Estradiol-Deficient Diet-Induced Obese Rats. <i>Endocrinology</i> , 2010, 151, 5657-5668. | 2.8 | 55 |
| 1016 | Reduction of Adult Hippocampal Neurogenesis Confers Vulnerability in an Animal Model of Cocaine Addiction. <i>Journal of Neuroscience</i> , 2010, 30, 304-315. | 3.6 | 195 |
| 1017 | Serum Brain-Derived Neurotrophic Factor in Euthymic Bipolar Patients on Prophylactic Lithium Therapy. <i>Neuropsychobiology</i> , 2010, 62, 229-234. | 1.9 | 57 |
| 1018 | Unliganded thyroid hormone receptor β 1 impairs adult hippocampal neurogenesis. <i>FASEB Journal</i> , 2010, 24, 4793-4805. | 0.5 | 49 |
| 1019 | Norepinephrine Directly Activates Adult Hippocampal Precursors via β -Adrenergic Receptors. <i>Journal of Neuroscience</i> , 2010, 30, 2795-2806. | 3.6 | 153 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1020 | Reversal of hippocampal neuronal maturation by serotonergic antidepressants. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8434-8439. | 7.1 | 187 |
| 1021 | β ₂ -Adrenoceptor Blockade Accelerates the Neurogenic, Neurotrophic, and Behavioral Effects of Chronic Antidepressant Treatment. Journal of Neuroscience, 2010, 30, 1096-1109. | 3.6 | 94 |
| 1022 | Association of Brain-Derived Neurotrophic Factor Genetic Val66Met Polymorphism with Severity of Depression, Efficacy of Fluoxetine and Its Side Effects in Chinese Major Depressive Patients. Neuropsychobiology, 2010, 61, 71-78. | 1.9 | 48 |
| 1023 | Opioid modulation of cell proliferation in the ventricular zone of adult zebra finches (Taenopygia) Tj ETQq1 1 0.784314 rgBT /Overl | 0.5 | 14 |
| 1024 | Intermittent Hypoxia Promotes Hippocampal Neurogenesis and Produces Antidepressant-Like Effects in Adult Rats. Journal of Neuroscience, 2010, 30, 12653-12663. | 3.6 | 178 |
| 1025 | Chronic Mild Stress Induces Fluoxetine-Reversible Decreases in Hippocampal and Cerebrospinal Fluid Levels of the Neurotrophic Factor S100B and Its Specific Receptor. International Journal of Molecular Sciences, 2010, 11, 5310-5322. | 4.1 | 32 |
| 1026 | Structural changes in the hippocampus in major depressive disorder: contributions of disease and treatment. Journal of Psychiatry and Neuroscience, 2010, 35, 337-343. | 2.4 | 171 |
| 1027 | Serotonin Depletion Hampers Survival and Proliferation in Neurospheres Derived from Adult Neural Stem Cells. Neuropsychopharmacology, 2010, 35, 893-903. | 5.4 | 40 |
| 1028 | The thyroid hormone, triiodothyronine, enhances fluoxetine-induced neurogenesis in rats: possible role in antidepressant-augmenting properties. International Journal of Neuropsychopharmacology, 2010, 13, 553-561. | 2.1 | 16 |
| 1029 | Long-term suppression of forebrain neurogenesis and loss of neuronal progenitor cells following prolonged alcohol dependence in rats. International Journal of Neuropsychopharmacology, 2010, 13, 583-593. | 2.1 | 73 |
| 1030 | Assessing serotonin receptor mRNA editing frequency by a novel ultra high-throughput sequencing method. Nucleic Acids Research, 2010, 38, e118-e118. | 14.5 | 37 |
| 1031 | Behavioural and neuroplastic effects of the new-generation antidepressant agomelatine compared to fluoxetine in glucocorticoid receptor-impaired mice. International Journal of Neuropsychopharmacology, 2010, 13, 759-774. | 2.1 | 103 |
| 1032 | Antidepressants in the treatment of stroke. Expert Review of Neurotherapeutics, 2010, 10, 1237-1241. | 2.8 | 7 |
| 1033 | Deficiency in the Inhibitory Serine-Phosphorylation of Glycogen Synthase Kinase-3 Increases Sensitivity to Mood Disturbances. Neuropsychopharmacology, 2010, 35, 1761-1774. | 5.4 | 211 |
| 1034 | A Synthetic 7,8-Dihydroxyflavone Derivative Promotes Neurogenesis and Exhibits Potent Antidepressant Effect. Journal of Medicinal Chemistry, 2010, 53, 8274-8286. | 6.4 | 182 |
| 1035 | Functional interactions between steroid hormones and neurotrophin BDNF. World Journal of Biological Chemistry, 2010, 1, 133. | 4.3 | 66 |
| 1036 | A Meta-Analysis of Cytokines in Major Depression. Biological Psychiatry, 2010, 67, 446-457. | 1.3 | 3,771 |
| 1037 | Reduced Adult Neurogenesis and Altered Emotional Behaviors in Autoimmune-Prone B-Cell Activating Factor Transgenic Mice. Biological Psychiatry, 2010, 67, 558-566. | 1.3 | 52 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1038 | Neurogenic Effects of Fluoxetine Are Attenuated in p11 (S100A10) Knockout Mice. <i>Biological Psychiatry</i> , 2010, 67, 1048-1056. | 1.3 | 78 |
| 1039 | A Role for p11 in the Antidepressant Action of Brain-Derived Neurotrophic Factor. <i>Biological Psychiatry</i> , 2010, 68, 528-535. | 1.3 | 83 |
| 1040 | Learning as a Model for Neural Plasticity in Major Depression. <i>Biological Psychiatry</i> , 2010, 68, 544-552. | 1.3 | 99 |
| 1041 | Expression of tryptophan 2,3-dioxygenase in mature granule cells of the adult mouse dentate gyrus. <i>Molecular Brain</i> , 2010, 3, 26. | 2.6 | 43 |
| 1042 | Is Glycogen Synthase Kinase-3 a Central Modulator in Mood Regulation?. <i>Neuropsychopharmacology</i> , 2010, 35, 2143-2154. | 5.4 | 261 |
| 1043 | Implications of the Functional Integration of Adult-Born Hippocampal Neurons in Anxiety-Depression Disorders. <i>Neuroscientist</i> , 2010, 16, 578-591. | 3.5 | 87 |
| 1044 | Cell proliferation and survival in the vestibular nucleus following bilateral vestibular deafferentation in the adult rat. <i>Neuroscience Letters</i> , 2010, 468, 85-88. | 2.1 | 8 |
| 1045 | Depression-like state in maternal rats induced by repeated separation of pups is accompanied by a decrease of cell proliferation and an increase of apoptosis in the hippocampus. <i>Neuroscience Letters</i> , 2010, 470, 86-90. | 2.1 | 74 |
| 1046 | Haloperidol normalized prenatal vitamin D depletion-induced reduction of hippocampal cell proliferation in adult rats. <i>Neuroscience Letters</i> , 2010, 476, 94-98. | 2.1 | 29 |
| 1047 | Vascular endothelial growth factor (VEGF) polymorphism is associated with treatment resistant depression. <i>Neuroscience Letters</i> , 2010, 477, 105-108. | 2.1 | 69 |
| 1048 | Fluoxetine treatment induces dose dependent alterations in depression associated behavior and neural plasticity in female mice. <i>Neuroscience Letters</i> , 2010, 484, 12-16. | 2.1 | 52 |
| 1049 | Cocaine selectively increases proliferation in the adult murine hippocampus. <i>Neuroscience Letters</i> , 2010, 485, 112-116. | 2.1 | 25 |
| 1050 | Oxidative stress in anxiety and comorbid disorders. <i>Neuroscience Research</i> , 2010, 68, 261-275. | 1.9 | 284 |
| 1051 | Antidepressant-like activity of the aqueous extract of <i>Allium macrostemon</i> in mice. <i>Journal of Ethnopharmacology</i> , 2010, 131, 386-395. | 4.1 | 46 |
| 1052 | Underlying mechanisms mediating the antidepressant effects of estrogens. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2010, 1800, 1136-1144. | 2.4 | 73 |
| 1053 | Influence of different estrogens on neuroplasticity and cognition in the hippocampus. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2010, 1800, 1056-1067. | 2.4 | 145 |
| 1054 | The chemotherapy agent, thioTEPA, yields long-term impairment of hippocampal cell proliferation and memory deficits but not depression-related behaviors in mice. <i>Behavioural Brain Research</i> , 2010, 209, 66-72. | 2.2 | 35 |
| 1055 | Morphological correlates of MAO A VNTR polymorphism: New evidence from cortical thickness measurement. <i>Behavioural Brain Research</i> , 2010, 211, 118-124. | 2.2 | 27 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1056 | Strain differences in the chronic mild stress animal model of depression. Behavioural Brain Research, 2010, 213, 94-102. | 2.2 | 60 |
| 1057 | The putative neurodegenerative links between depression and Alzheimer's disease. Progress in Neurobiology, 2010, 91, 362-375. | 5.7 | 105 |
| 1058 | Depression during pregnancy and postpartum: Contribution of stress and ovarian hormones. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2010, 34, 766-776. | 4.8 | 258 |
| 1059 | Behavioral and neurobiological consequences of prolonged glucocorticoid exposure in rats: Relevance to depression. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2010, 34, 777-790. | 4.8 | 215 |
| 1060 | Inhibitory effects of SSRIs on IFN- γ induced microglial activation through the regulation of intracellular calcium. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2010, 34, 1306-1316. | 4.8 | 96 |
| 1061 | Genetically Increased Cell-Intrinsic Excitability Enhances Neuronal Integration into Adult Brain Circuits. Neuron, 2010, 65, 32-39. | 8.1 | 135 |
| 1062 | Decreased numbers of progenitor cells but no response to antidepressant drugs in the hippocampus of elderly depressed patients. Neuropharmacology, 2010, 58, 940-949. | 4.1 | 187 |
| 1063 | Fluoxetine protects against amyloid-beta toxicity, in part via daf-16 mediated cell signaling pathway, in Caenorhabditis elegans. Neuropharmacology, 2010, 59, 358-365. | 4.1 | 50 |
| 1064 | Effect of agomelatine and its interaction with the daily corticosterone rhythm on progenitor cell proliferation in the dentate gyrus of the adult rat. Neuropharmacology, 2010, 59, 375-379. | 4.1 | 28 |
| 1065 | Withdrawal from chronic amphetamine produces persistent anxiety-like behavior but temporally-limited reductions in monoamines and neurogenesis in the adult rat dentate gyrus. Neuropharmacology, 2010, 59, 395-405. | 4.1 | 54 |
| 1066 | Pigment epithelium-derived factor up-regulation induced by memantine, an N-methyl-d-aspartate receptor antagonist, is involved in increased proliferation of hippocampal progenitor cells. Neuroscience, 2010, 167, 372-383. | 2.3 | 23 |
| 1067 | Effects of neonatal flutamide treatment on hippocampal neurogenesis and synaptogenesis correlate with depression-like behaviors in preadolescent male rats. Neuroscience, 2010, 169, 544-554. | 2.3 | 48 |
| 1068 | Adult neurogenesis is reduced in the dorsal hippocampus of rats displaying learned helplessness behavior. Neuroscience, 2010, 171, 153-161. | 2.3 | 39 |
| 1069 | Effects of voluntary physical exercise on adult hippocampal neurogenesis and behavior of Ts65Dn mice, a model of Down syndrome. Neuroscience, 2010, 171, 1228-1240. | 2.3 | 54 |
| 1070 | Adult neurogenesis: integrating theories and separating functions. Trends in Cognitive Sciences, 2010, 14, 325-337. | 7.8 | 262 |
| 1071 | Phenotypic checkpoints regulate neuronal development. Trends in Neurosciences, 2010, 33, 485-492. | 8.6 | 76 |
| 1072 | Targeting the correct HDAC(s) to treat cognitive disorders. Trends in Pharmacological Sciences, 2010, 31, 605-617. | 8.7 | 330 |
| 1073 | Chronic corticosterone during pregnancy and postpartum affects maternal care, cell proliferation and depressive-like behavior in the dam. Hormones and Behavior, 2010, 58, 769-779. | 2.1 | 180 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1074 | The Novel Antidepressant Agomelatine Normalizes Hippocampal Neuronal Activity and Promotes Neurogenesis in Chronically Stressed Rats. <i>CNS Neuroscience and Therapeutics</i> , 2010, 16, 195-207. | 3.9 | 56 |
| 1075 | Adult neurogenesis and neural stem cells as a model for the discovery and development of novel drugs. <i>Expert Opinion on Drug Discovery</i> , 2010, 5, 921-925. | 5.0 | 11 |
| 1077 | Regulation of adult neurogenesis by stress, sleep disruption, exercise and inflammation: Implications for depression and antidepressant action. <i>European Neuropsychopharmacology</i> , 2010, 20, 1-17. | 0.7 | 391 |
| 1078 | Region- and phase-dependent effects of 5-HT _{1A} and 5-HT _{2C} receptor activation on adult neurogenesis. <i>European Neuropsychopharmacology</i> , 2010, 20, 336-345. | 0.7 | 50 |
| 1079 | The β_2 adrenoceptor agonist, amibegron (SR58611A) counteracts stress-induced behavioral and neurochemical changes. <i>European Neuropsychopharmacology</i> , 2010, 20, 704-713. | 0.7 | 30 |
| 1080 | Adolescent escitalopram administration modifies neurochemical alterations in the hippocampus of maternally separated rats. <i>European Neuropsychopharmacology</i> , 2010, 20, 875-883. | 0.7 | 22 |
| 1081 | Is there a role for the nuclear receptor PPAR γ in neuropsychiatric diseases?. <i>International Journal of Neuropsychopharmacology</i> , 2010, 13, 1411-1429. | 2.1 | 38 |
| 1082 | Stress Hormone Regulation: Biological Role and Translation into Therapy. <i>Annual Review of Psychology</i> , 2010, 61, 81-109. | 17.7 | 377 |
| 1083 | Neurogenic Basis of Antidepressant Action: Recent Advances. <i>Modern Problems of Pharmacopsychiatry</i> , 2010, , 224-242. | 2.5 | 1 |
| 1084 | Behavioral Neurobiology of Schizophrenia and Its Treatment. <i>Current Topics in Behavioral Neurosciences</i> , 2010, , . | 1.7 | 8 |
| 1085 | Haloperidol promotes proliferation but inhibits differentiation in rat oligodendrocyte progenitor cell culturesThis paper is one of a selection of papers published in this special issue entitled "Second International Symposium on Recent Advances in Basic, Clinical, and Social Medicine" and has undergone the Journal's usual peer review process.. <i>Biochemistry and Cell Biology</i> , 2010, 88, 611-620. | 2.0 | 33 |
| 1086 | Chronic effects of venlafaxine on synaptophysin and neuronal cell adhesion molecule in the hippocampus of cerebral ischemic miceThis paper is one of a selection of papers published in this special issue entitled "Second International Symposium on Recent Advances in Basic, Clinical, and Social Medicine" and has undergone the Journal's usual peer review process.. <i>Biochemistry and Cell Biology</i> , 2010, 88, 655-663. | 2.0 | 19 |
| 1087 | Stress-induced suppression of hippocampal neurogenesis in adult male rats is altered by prenatal ethanol exposure. <i>Stress</i> , 2010, 13, 302-314. | 1.8 | 38 |
| 1088 | Role of Brain-Derived Neurotrophic Factor in the Aetiology of Depression. <i>CNS Drugs</i> , 2010, 24, 1-7. | 5.9 | 100 |
| 1089 | Growth hormone (GH) treatment may cooperate with locally-produced GH in increasing the proliferative response of hippocampal progenitors to kainate-induced injury. <i>Brain Injury</i> , 2011, 25, 503-510. | 1.2 | 46 |
| 1090 | Hippocampal Volume Differences in Gulf War Veterans with Current Versus Lifetime Posttraumatic Stress Disorder Symptoms. <i>Biological Psychiatry</i> , 2011, 69, 541-548. | 1.3 | 118 |
| 1091 | Identification of Neural Targets for the Treatment of Psychiatric Disorders: The Role of Functional Neuroimaging. <i>Neurosurgery Clinics of North America</i> , 2011, 22, 279-305. | 1.7 | 7 |
| 1092 | Antidepressant Treatments Change 5-HT _{2C} Receptor mRNA Expression in Rat Prefrontal/Frontal Cortex and Hippocampus. <i>Neuropsychobiology</i> , 2011, 63, 160-168. | 1.9 | 38 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1093 | Neurogenesis in the Adult Brain II. , 2011, , . | | 3 |
| 1095 | Effect of Antidepressants on the Course of Disability Following Stroke. American Journal of Geriatric Psychiatry, 2011, 19, 1007-1015. | 1.2 | 81 |
| 1096 | Neurogenesis in the Adult Brain I. , 2011, , . | | 2 |
| 1098 | Depression, Antidepressants, and Neurogenesis: A Critical Reappraisal. Neuropsychopharmacology, 2011, 36, 2589-2602. | 5.4 | 255 |
| 1099 | Multifunctional Roles of Activins in the Brain. Vitamins and Hormones, 2011, 85, 185-206. | 1.7 | 20 |
| 1100 | Growth hormone improves hippocampal adult cell survival and counteracts the inhibitory effect of prolonged sleep deprivation on cell proliferation. Brain Research Bulletin, 2011, 84, 252-257. | 3.0 | 33 |
| 1101 | Rapid antidepressant changes with sleep deprivation in major depressive disorder are associated with changes in vascular endothelial growth factor (VEGF): A pilot study. Brain Research Bulletin, 2011, 86, 129-133. | 3.0 | 38 |
| 1102 | Regulation of CCL2/MCP-1 production in astrocytes by desipramine and atomoxetine: Involvement of α_2 adrenergic receptors. Brain Research Bulletin, 2011, 86, 326-333. | 3.0 | 20 |
| 1103 | Enriched environment prevents memory deficits in type 1 diabetic rats. Behavioural Brain Research, 2011, 217, 16-20. | 2.2 | 24 |
| 1104 | The impact of environmental enrichment in laboratory rats—Behavioural and neurochemical aspects. Behavioural Brain Research, 2011, 222, 246-264. | 2.2 | 357 |
| 1105 | Postnatal Proteasome Inhibition Induces Neurodegeneration and Cognitive Deficiencies in Adult Mice: A New Model of Neurodevelopment Syndrome. PLoS ONE, 2011, 6, e28927. | 2.5 | 32 |
| 1106 | Connection re-established: neurotransmission between the medial prefrontal cortex and serotonergic neurons offers perspectives for fast antidepressant action. Neuropsychiatry, 2011, 1, 165-177. | 0.4 | 3 |
| 1107 | From progenitors to integrated neurons: Role of neurotransmitters in adult olfactory neurogenesis. Journal of Chemical Neuroanatomy, 2011, 42, 304-316. | 2.1 | 27 |
| 1108 | Sertoli cell therapy: A novel possible treatment strategy for treatment-resistant major depressive disorder. Medical Hypotheses, 2011, 77, 35-42. | 1.5 | 9 |
| 1109 | Activation of neural precursors in the adult neurogenic niches. Neurochemistry International, 2011, 59, 341-6. | 3.8 | 25 |
| 1110 | Caveolin-1 inhibits oligodendroglial differentiation of neural stem/progenitor cells through modulating β -catenin expression. Neurochemistry International, 2011, 59, 114-121. | 3.8 | 16 |
| 1111 | Effects of acute and chronic treatment elicited by lamotrigine on behavior, energy metabolism, neurotrophins and signaling cascades in rats. Neurochemistry International, 2011, 59, 1163-1174. | 3.8 | 37 |
| 1112 | Loss of thyroid hormone receptor beta is associated with increased progenitor proliferation and NeuroD positive cell number in the adult hippocampus. Neuroscience Letters, 2011, 487, 199-203. | 2.1 | 41 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1113 | The phosphodiesterase type-5 inhibitor, tadalafil, improves depressive symptoms, ameliorates memory impairment, as well as suppresses apoptosis and enhances cell proliferation in the hippocampus of maternal-separated rat pups. <i>Neuroscience Letters</i> , 2011, 488, 26-30. | 2.1 | 48 |
| 1114 | The participation of a neurocircuit from the paraventricular thalamus to amygdala in the depressive like behavior. <i>Neuroscience Letters</i> , 2011, 488, 81-86. | 2.1 | 24 |
| 1115 | Stressful environmental and social stimulation in adolescence causes antidepressant-like effects associated with epigenetic induction of the hippocampal BDNF and mossy fibre sprouting in the novelty-seeking phenotype. <i>Neuroscience Letters</i> , 2011, 501, 107-111. | 2.1 | 15 |
| 1116 | The Discovery of Adult Mammalian Neurogenesis. , 2011, , 3-46. | | 19 |
| 1117 | Short day lengths alter stress and depressive-like responses, and hippocampal morphology in Siberian hamsters. <i>Hormones and Behavior</i> , 2011, 60, 520-528. | 2.1 | 45 |
| 1118 | Care for Child Development: Basic Science Rationale and Effects of Interventions. <i>Pediatric Neurology</i> , 2011, 44, 239-253. | 2.1 | 81 |
| 1119 | Cytokines mediated inflammation and decreased neurogenesis in animal models of depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 760-768. | 4.8 | 243 |
| 1120 | A cognitive neuropsychological model of antidepressant drug action. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 1586-1592. | 4.8 | 107 |
| 1121 | The early non-increase of serum BDNF predicts failure of antidepressant treatment in patients with major depression: A pilot study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 415-420. | 4.8 | 67 |
| 1122 | In animal models, psychosocial stress-induced (neuro)inflammation, apoptosis and reduced neurogenesis are associated to the onset of depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 744-759. | 4.8 | 369 |
| 1123 | Putative role of endocannabinoid signaling in the etiology of depression and actions of antidepressants. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 1575-1585. | 4.8 | 91 |
| 1124 | The effects of antidepressants on human brain as detected by imaging studies. Focus on major depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 1544-1552. | 4.8 | 48 |
| 1125 | Anterior insular volume is larger in patients with obsessive-compulsive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 997-1001. | 4.8 | 31 |
| 1126 | LPS inhibits the effects of fluoxetine on depression-like behavior and hippocampal neurogenesis in rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 1831-1835. | 4.8 | 54 |
| 1127 | Experience Dictates Stem Cell Fate in the Adult Hippocampus. <i>Neuron</i> , 2011, 70, 908-923. | 8.1 | 183 |
| 1128 | Comparison of the effects of erythropoietin and its carbamylated derivative on behaviour and hippocampal neurogenesis in mice. <i>Neuropharmacology</i> , 2011, 60, 354-364. | 4.1 | 58 |
| 1129 | Resilience and reduced c-Fos expression in P2X7 receptor knockout mice exposed to repeated forced swim test. <i>Neuroscience</i> , 2011, 189, 170-177. | 2.3 | 95 |
| 1130 | Time-course of hippocampal granule cell degeneration and changes in adult neurogenesis after adrenalectomy in rats. <i>Neuroscience</i> , 2011, 190, 166-176. | 2.3 | 21 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1131 | Chronic variable physical stress during the peripubertal-juvenile period causes differential depressive and anxiogenic effects in the novelty-seeking phenotype: functional implications for hippocampal and amygdalar brain-derived neurotrophic factor and the mossy fibre plasticity. <i>Neuroscience</i> , 2011, 192, 334-344. | 2.3 | 27 |
| 1132 | Transcription factor Phox2 upregulates expression of norepinephrine transporter and dopamine β -hydroxylase in adult rat brains. <i>Neuroscience</i> , 2011, 192, 37-53. | 2.3 | 23 |
| 1133 | Brain insulin signaling: A key component of cognitive processes and a potential basis for cognitive impairment in type 2 diabetes. <i>Neurobiology of Learning and Memory</i> , 2011, 96, 432-442. | 1.9 | 163 |
| 1134 | Reprint of: "Brain insulin signaling: A key component of cognitive processes and a potential basis for cognitive impairment in type 2 diabetes". <i>Neurobiology of Learning and Memory</i> , 2011, 96, 517-528. | 1.9 | 22 |
| 1135 | Synapsin III: Role in neuronal plasticity and disease. <i>Seminars in Cell and Developmental Biology</i> , 2011, 22, 416-424. | 5.0 | 34 |
| 1136 | Novelty-Suppressed Feeding in the Mouse. <i>Neuromethods</i> , 2011, , 107-121. | 0.3 | 64 |
| 1137 | P.1.c.031 Effects of citalopram treatment on the lipopolysaccharide (LPS) induced alterations in contextual learning and brain plasticity in adult mouse hippocampus. <i>European Neuropsychopharmacology</i> , 2011, 21, S270-S271. | 0.7 | 0 |
| 1140 | Association study of PDE4B with panic disorder in the Japanese population. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 545-549. | 4.8 | 12 |
| 1141 | Involvement of the neurotrophin and cannabinoid systems in the mechanisms of action of neurokinin receptor antagonists. <i>European Neuropsychopharmacology</i> , 2011, 21, 905-917. | 0.7 | 15 |
| 1142 | The paradox of electroconvulsive therapy. , 2011, , 321-331. | | 0 |
| 1144 | Addiction, Adolescence, and Innate Immune Gene Induction. <i>Frontiers in Psychiatry</i> , 2011, 2, 19. | 2.6 | 42 |
| 1145 | Adult Human Neurogenesis: From Microscopy to Magnetic Resonance Imaging. <i>Frontiers in Neuroscience</i> , 2011, 5, 47. | 2.8 | 77 |
| 1146 | Glycogen Synthase Kinase-3 in the Etiology and Treatment of Mood Disorders. <i>Frontiers in Molecular Neuroscience</i> , 2011, 4, 16. | 2.9 | 147 |
| 1147 | Prospects and Limitations of Using Endogenous Neural Stem Cells for Brain Regeneration. <i>Genes</i> , 2011, 2, 107-130. | 2.4 | 23 |
| 1148 | Induction of the Wnt Antagonist Dickkopf-1 Is Involved in Stress-Induced Hippocampal Damage. <i>PLoS ONE</i> , 2011, 6, e16447. | 2.5 | 56 |
| 1149 | Necessity of Hippocampal Neurogenesis for the Therapeutic Action of Antidepressants in Adult Nonhuman Primates. <i>PLoS ONE</i> , 2011, 6, e17600. | 2.5 | 205 |
| 1150 | Fluoxetine during Development Reverses the Effects of Prenatal Stress on Depressive-Like Behavior and Hippocampal Neurogenesis in Adolescence. <i>PLoS ONE</i> , 2011, 6, e24003. | 2.5 | 154 |
| 1151 | Antidepressants Stimulate Hippocampal Neurogenesis by Inhibiting p21 Expression in the Subgranular Zone of the Hippocampus. <i>PLoS ONE</i> , 2011, 6, e27290. | 2.5 | 60 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1152 | Psychiatric drug-induced Chronic Brain Impairment (CBI): Implications for long-term treatment with psychiatric medication. International Journal of Risk and Safety in Medicine, 2011, 23, 193-200. | 0.6 | 13 |
| 1153 | Lamotrigine increases the number of BrdU-labeled cells in the rat hippocampus. NeuroReport, 2011, 22, 97-100. | 1.2 | 8 |
| 1154 | Reproduction: A New Venue for Studying Function of Adult Neurogenesis?. Cell Transplantation, 2011, 20, 21-35. | 2.5 | 18 |
| 1155 | Light Deprivation Induces Depression-Like Behavior and Suppresses Neurogenesis in Diurnal Mongolian Gerbil (<i>Meriones unguiculatus</i>). Cell Transplantation, 2011, 20, 871-882. | 2.5 | 41 |
| 1156 | Pretreatment with pentoxifylline has antidepressant-like effects in a rat model of acute myocardial infarction. Behavioural Pharmacology, 2011, 22, 779-784. | 1.7 | 36 |
| 1157 | How Does Electroconvulsive Therapy Work? Theories on its Mechanism. Canadian Journal of Psychiatry, 2011, 56, 13-18. | 1.9 | 120 |
| 1158 | Characterization of electroconvulsive seizure-induced TIMP-1 and MMP-9 in hippocampal vasculature. International Journal of Neuropsychopharmacology, 2011, 14, 535-544. | 2.1 | 13 |
| 1159 | New Therapeutic Strategy for Mood Disorders. Current Medicinal Chemistry, 2011, 18, 4284-4298. | 2.4 | 16 |
| 1160 | Connecting Parkinson's Disease and Drug Addiction: Common Players Reveal Unexpected Disease Connections and Novel Therapeutic Approaches. Current Pharmaceutical Design, 2011, 17, 449-461. | 1.9 | 34 |
| 1161 | New Strategies in the Development of Antidepressants: Towards the Modulation of Neuroplasticity Pathways. Current Pharmaceutical Design, 2011, 17, 521-533. | 1.9 | 46 |
| 1163 | Luteolin Shows an Antidepressant-Like Effect via Suppressing Endoplasmic Reticulum Stress. Biological and Pharmaceutical Bulletin, 2011, 34, 1481-1486. | 1.4 | 76 |
| 1164 | Sustained Downregulation of YY1-Associated Protein-Related Protein Gene Expression in Rat Hippocampus Induced by Repeated Electroconvulsive Shock. Biological and Pharmaceutical Bulletin, 2011, 34, 249-252. | 1.4 | 1 |
| 1165 | Exploration of New Molecular Mechanisms for Antidepressant Actions of Electroconvulsive Seizure. Biological and Pharmaceutical Bulletin, 2011, 34, 939-944. | 1.4 | 56 |
| 1166 | Roles of exogenous and endogenous FGF-2 in animal models of depression. Restorative Neurology and Neuroscience, 2011, 29, 153-165. | 0.7 | 30 |
| 1167 | Effects of S-Allyl-L-Cysteine on Cell Proliferation and Neuroblast Differentiation in the Mouse Dentate Gyrus. Journal of Veterinary Medical Science, 2011, 73, 1071-1075. | 0.9 | 11 |
| 1168 | Chronic Treatment with Imipramine and Lithium Increases Cell Proliferation in the Hippocampus in Adrenocorticotrophic Hormone-Treated Rats. Biological and Pharmaceutical Bulletin, 2011, 34, 77-81. | 1.4 | 24 |
| 1169 | <i>In vivo</i> imaging of adult neurogenesis. European Journal of Neuroscience, 2011, 33, 1037-1044. | 2.6 | 21 |
| 1170 | Neurogenesis and affective disorders. European Journal of Neuroscience, 2011, 33, 1152-1159. | 2.6 | 247 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------|-----------|
| 1171 | Reduction in hippocampal neurogenesis after social defeat is long-lasting and responsive to late antidepressant treatment. <i>European Journal of Neuroscience</i> , 2011, 33, 1833-1840. | 2.6 | 121 |
| 1172 | Voluntary exercise induces adult hippocampal neurogenesis and BDNF expression in a rodent model of fetal alcohol spectrum disorders. <i>European Journal of Neuroscience</i> , 2011, 33, 1799-1811. | 2.6 | 61 |
| 1173 | Chronic repetitive transcranial magnetic stimulation increases hippocampal neurogenesis in rats. <i>Psychiatry and Clinical Neurosciences</i> , 2011, 65, 77-81. | 1.8 | 82 |
| 1174 | Programmed cell death during postnatal development of the rodent nervous system. <i>Development Growth and Differentiation</i> , 2011, 53, 225-235. | 1.5 | 51 |
| 1175 | A novel flow cytometry-based technique to measure adult neurogenesis in the brain. <i>Journal of Neurochemistry</i> , 2011, 119, 165-175. | 3.9 | 12 |
| 1176 | The GABA _B receptor as a target for antidepressant drug action. <i>British Journal of Pharmacology</i> , 2011, 162, 1-17. | 5.4 | 71 |
| 1177 | The utility of rat models of impulsivity in developing pharmacotherapies for impulse control disorders. <i>British Journal of Pharmacology</i> , 2011, 164, 1301-1321. | 5.4 | 196 |
| 1178 | The GABAergic deficit hypothesis of major depressive disorder. <i>Molecular Psychiatry</i> , 2011, 16, 383-406. | 7.9 | 687 |
| 1179 | Long-term body weight outcomes of antidepressant-environment interactions. <i>Molecular Psychiatry</i> , 2011, 16, 265-272. | 7.9 | 30 |
| 1180 | Macrophage migration inhibitory factor is critically involved in basal and fluoxetine-stimulated adult hippocampal cell proliferation and in anxiety, depression, and memory-related behaviors. <i>Molecular Psychiatry</i> , 2011, 16, 533-547. | 7.9 | 81 |
| 1181 | Antidepressants increase human hippocampal neurogenesis by activating the glucocorticoid receptor. <i>Molecular Psychiatry</i> , 2011, 16, 738-750. | 7.9 | 371 |
| 1182 | Antidepressants recruit new neurons to improve stress response regulation. <i>Molecular Psychiatry</i> , 2011, 16, 1177-1188. | 7.9 | 406 |
| 1183 | Increasing adult hippocampal neurogenesis is sufficient to improve pattern separation. <i>Nature</i> , 2011, 472, 466-470. | 27.8 | 1,352 |
| 1184 | Annual Research Review: New frontiers in developmental neuropharmacology: can long-term therapeutic effects of drugs be optimized through carefully timed early intervention?. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2011, 52, 476-503. | 5.2 | 35 |
| 1185 | Altered adult hippocampal neurogenesis in the YAC128 transgenic mouse model of Huntington disease. <i>Neurobiology of Disease</i> , 2011, 41, 249-260. | 4.4 | 92 |
| 1186 | Rescue of adult hippocampal neurogenesis in a mouse model of HIV neurologic disease. <i>Neurobiology of Disease</i> , 2011, 41, 678-687. | 4.4 | 47 |
| 1187 | Maternal intake of flaxseed-based diet (<i>Linum usitatissimum</i>) on hippocampus fatty acid profile: Implications for growth, locomotor activity and spatial memory. <i>Nutrition</i> , 2011, 27, 1040-1047. | 2.4 | 26 |
| 1188 | The glucocorticoid receptor: Pivot of depression and of antidepressant treatment?. <i>Psychoneuroendocrinology</i> , 2011, 36, 415-425. | 2.7 | 479 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------|-----------|
| 1189 | The double edged sword of neural plasticity: Increasing serotonin levels leads to both greater vulnerability to depression and improved capacity to recover. Psychoneuroendocrinology, 2011, 36, 339-351. | 2.7 | 121 |
| 1190 | Hypogonadism predisposes males to the development of behavioural and neuroplastic depressive phenotypes. Psychoneuroendocrinology, 2011, 36, 1327-1341. | 2.7 | 74 |
| 1191 | Serotonin 5-HT ₇ receptor agents: Structure-activity relationships and potential therapeutic applications in central nervous system disorders. , 2011, 129, 120-148. | | 168 |
| 1192 | Depression and antidepressants: Insights from knockout of dopamine, serotonin or noradrenaline re-uptake transporters. , 2011, 129, 352-368. | | 169 |
| 1193 | Tianeptine reverses stress-induced asymmetrical hippocampal volume and N -acetylaspartate loss in rats: An in vivo study. Psychiatry Research - Neuroimaging, 2011, 194, 385-392. | 1.8 | 15 |
| 1194 | Differential effects of TRPV1 receptor ligands against nicotine-induced depression-like behaviors. BMC Pharmacology, 2011, 11, 6. | 0.4 | 57 |
| 1195 | Ginsenoside Rb1 improves spatial learning and memory by regulation of cell genesis in the hippocampal subregions of rats. Brain Research, 2011, 1382, 147-154. | 2.2 | 57 |
| 1196 | Role of ionotropic glutamate receptors in the regulation of hippocampal norepinephrine output in vivo. Brain Research, 2011, 1386, 41-49. | 2.2 | 8 |
| 1197 | Neurogenesis in Huntington's disease: Can studying adult neurogenesis lead to the development of new therapeutic strategies?. Brain Research, 2011, 1406, 84-105. | 2.2 | 53 |
| 1198 | Infrared radiation has potential antidepressant and anxiolytic effects in animal model of depression and anxiety. Brain Stimulation, 2011, 4, 71-76. | 1.6 | 31 |
| 1199 | Development of Proneurogenic, Neuroprotective Small Molecules. Journal of the American Chemical Society, 2011, 133, 1428-1437. | 13.7 | 151 |
| 1200 | Fluoxetine attenuates the inhibitory effect of glucocorticoid hormones on neurogenesis in vitro via a two-pore domain potassium channel, TREK-1. Psychopharmacology, 2011, 214, 747-759. | 3.1 | 40 |
| 1201 | The role of serotonin receptor subtypes in treating depression: a review of animal studies. Psychopharmacology, 2011, 213, 265-287. | 3.1 | 206 |
| 1202 | Oxotremorine treatment restores hippocampal neurogenesis and ameliorates depression-like behaviour in chronically stressed rats. Psychopharmacology, 2011, 217, 239-253. | 3.1 | 40 |
| 1203 | Chronic agomelatine treatment corrects behavioral, cellular, and biochemical abnormalities induced by prenatal stress in rats. Psychopharmacology, 2011, 217, 301-313. | 3.1 | 131 |
| 1204 | Antidepressant-like properties of sarizotan in experimental Parkinsonism. Psychopharmacology, 2011, 218, 621-634. | 3.1 | 26 |
| 1205 | Increased BrdU incorporation reflecting DNA repair, neuronal de-differentiation or possible neurogenesis in the adult cochlear nucleus following bilateral cochlear lesions in the rat. Experimental Brain Research, 2011, 210, 477-487. | 1.5 | 28 |
| 1206 | Effects of Venlafaxine and Escitalopram Treatments on NMDA Receptors in the Rat Depression Model. Journal of Membrane Biology, 2011, 242, 145-151. | 2.1 | 18 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1207 | The Effects of Fluoxetine Treatment in a Chronic Mild Stress Rat Model on Depression-Related Behavior, Brain Neurotrophins and ERK Expression. <i>Journal of Molecular Neuroscience</i> , 2011, 45, 246-255. | 2.3 | 106 |
| 1208 | Role of the 5-HT7 Receptor in the Central Nervous System: from Current Status to Future Perspectives. <i>Molecular Neurobiology</i> , 2011, 43, 228-253. | 4.0 | 134 |
| 1209 | Antidepressant-like behavior in brain-specific angiogenesis inhibitor 2-deficient mice. <i>Journal of Physiological Sciences</i> , 2011, 61, 47-54. | 2.1 | 36 |
| 1210 | Chronic treatment with fluoxetine for more than 6 weeks decreases neurogenesis in the subventricular zone of adult mice. <i>Molecular Brain</i> , 2011, 4, 10. | 2.6 | 53 |
| 1211 | Behavioral destabilization induced by the selective serotonin reuptake inhibitor fluoxetine. <i>Molecular Brain</i> , 2011, 4, 12. | 2.6 | 33 |
| 1212 | Epigenetic (de)regulation of adult hippocampal neurogenesis: implications for depression. <i>Clinical Epigenetics</i> , 2011, 3, 5. | 4.1 | 19 |
| 1213 | Histopathologic characterization of the BTBR mouse model of autistic-like behavior reveals selective changes in neurodevelopmental proteins and adult hippocampal neurogenesis. <i>Molecular Autism</i> , 2011, 2, 7. | 4.9 | 132 |
| 1214 | Fragile X mice: Reduced long-term potentiation and N-methyl-D-aspartate receptor-mediated neurotransmission in dentate gyrus. <i>Journal of Neuroscience Research</i> , 2011, 89, 176-182. | 2.9 | 75 |
| 1215 | Locating and labeling neural stem cells in the brain. <i>Journal of Cellular Physiology</i> , 2011, 226, 1-7. | 4.1 | 52 |
| 1216 | Altering BDNF expression by genetics and/or environment: Impact for emotional and depression-like behaviour in laboratory mice. <i>Neuroscience and Biobehavioral Reviews</i> , 2011, 35, 599-611. | 6.1 | 99 |
| 1217 | Potential animal models of seasonal affective disorder. <i>Neuroscience and Biobehavioral Reviews</i> , 2011, 35, 669-679. | 6.1 | 39 |
| 1218 | Revisiting the cholinergic hypothesis in the development of Alzheimer's disease. <i>Neuroscience and Biobehavioral Reviews</i> , 2011, 35, 1397-1409. | 6.1 | 372 |
| 1219 | Decreased Proliferation of Adult Hippocampal Stem Cells During Cocaine Withdrawal: Possible Role of the Cell Fate Regulator FADD. <i>Neuropsychopharmacology</i> , 2011, 36, 2303-2317. | 5.4 | 42 |
| 1220 | Inflammatory and Neurodegenerative Pathways in Depression: A New Avenue for Antidepressant Development?. <i>Current Medicinal Chemistry</i> , 2011, 18, 245-255. | 2.4 | 129 |
| 1221 | Promoting Adult Hippocampal Neurogenesis: A Novel Strategy for Antidepressant Drug Screening. <i>Current Medicinal Chemistry</i> , 2011, 18, 4359-4367. | 2.4 | 22 |
| 1222 | Neurotrophins Role in Depression Neurobiology: A Review of Basic and Clinical Evidence. <i>Current Neuropharmacology</i> , 2011, 9, 530-552. | 2.9 | 130 |
| 1223 | Increase in Cortical Pyramidal Cell Excitability Accompanies Depression-Like Behavior in Mice: A Transcranial Magnetic Stimulation Study. <i>Journal of Neuroscience</i> , 2011, 31, 16464-16472. | 3.6 | 78 |
| 1224 | Imipramine Treatment Improves Cognitive Outcome Associated with Enhanced Hippocampal Neurogenesis after Traumatic Brain Injury in Mice. <i>Journal of Neurotrauma</i> , 2011, 28, 995-1007. | 3.4 | 72 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------|-----------|
| 1225 | Maturation time of new granule cells in the dentate gyrus of adult macaque monkeys exceeds six months. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10326-10331. | 7.1 | 149 |
| 1226 | Is it possible to improve neurodevelopmental abnormalities in Down syndrome?. Reviews in the Neurosciences, 2011, 22, 419-455. | 2.9 | 66 |
| 1227 | Long-Term β -Adrenergic Receptor Stimulation Improves Synaptic Plasticity, Cognitive Function, Mood, and Longevity. Molecular Pharmacology, 2011, 80, 747-758. | 2.3 | 62 |
| 1229 | Structural Neuroimaging Studies in Major Depressive Disorder. Archives of General Psychiatry, 2011, 68, 675. | 12.3 | 692 |
| 1230 | cGMP Signaling, Phosphodiesterases and Major Depressive Disorder. Current Neuropharmacology, 2011, 9, 715-727. | 2.9 | 59 |
| 1231 | Effects of the group II mGlu receptor agonist 2R,4R-APDC on dentate gyrus cell proliferation in the adult rat brain after diffuse brain injury. Neurological Research, 2011, 33, 381-388. | 1.3 | 6 |
| 1232 | The use of mouse models to understand and improve cognitive deficits in Down syndrome. DMM Disease Models and Mechanisms, 2011, 4, 596-606. | 2.4 | 99 |
| 1233 | Phosphodiesterase-4D Knock-Out and RNA Interference-Mediated Knock-Down Enhance Memory and Increase Hippocampal Neurogenesis via Increased cAMP Signaling. Journal of Neuroscience, 2011, 31, 172-183. | 3.6 | 209 |
| 1234 | Lithium, but Not Fluoxetine or the Corticotropin-Releasing Factor Receptor 1 Receptor Antagonist R121919, Increases Cell Proliferation in the Adult Dentate Gyrus. Journal of Pharmacology and Experimental Therapeutics, 2011, 337, 180-186. | 2.5 | 74 |
| 1235 | Metabolite profiling of antidepressant drug action reveals novel drug targets beyond monoamine elevation. Translational Psychiatry, 2011, 1, e58-e58. | 4.8 | 41 |
| 1236 | Enriched environment treatment reverses depression-like behavior and restores reduced hippocampal neurogenesis and protein levels of brain-derived neurotrophic factor in mice lacking its expression through promoter IV. Translational Psychiatry, 2011, 1, e40-e40. | 4.8 | 71 |
| 1237 | Antidepressants Modulate Intracellular Amyloid Peptide Species in N2a Neuroblastoma Cells. Journal of Alzheimer's Disease, 2011, 24, 221-234. | 2.6 | 7 |
| 1238 | A Novel Animal Model of Hippocampal Cognitive Deficits, Slow Neurodegeneration, and Neuroregeneration. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-12. | 3.0 | 8 |
| 1239 | Tinnitus and depression. World Journal of Biological Psychiatry, 2011, 12, 489-500. | 2.6 | 263 |
| 1240 | Selective Deletion of a Cell Cycle Checkpoint Kinase (ATR) Reduces Neurogenesis and Alters Responses in Rodent Models of Behavioral Affect. Neuropsychopharmacology, 2011, 36, 960-969. | 5.4 | 21 |
| 1241 | Laminin- α 1 Impairs Spatial Learning through Inhibition of ERK/MAPK and SGK1 Signaling. Neuropsychopharmacology, 2011, 36, 2571-2586. | 5.4 | 21 |
| 1242 | Pharmacological Blockade of 5-HT ₇ Receptors as a Putative Fast Acting Antidepressant Strategy. Neuropsychopharmacology, 2011, 36, 1275-1288. | 5.4 | 117 |
| 1243 | Cardiac and neuroprotection regulated by β -adrenergic receptor subtypes. Journal of Receptor and Signal Transduction Research, 2011, 31, 98-110. | 2.5 | 52 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1244 | Tamalin Is a Critical Mediator of Electroconvulsive Shock-Induced Adult Neuroplasticity. <i>Journal of Neuroscience</i> , 2012, 32, 2252-2262. | 3.6 | 21 |
| 1245 | Exercise and the Brain: Neurogenesis, Synaptic Plasticity, Spine Density, and Angiogenesis. , 2012, , 3-24. | | 13 |
| 1246 | Chronic Fluoxetine Selectively Upregulates Dopamine D1-Like Receptors in the Hippocampus. <i>Neuropsychopharmacology</i> , 2012, 37, 1500-1508. | 5.4 | 44 |
| 1247 | The impact of chronic imipramine treatment on amino acid concentrations in the hippocampus of mice. <i>Nutritional Neuroscience</i> , 2012, 15, 26-33. | 3.1 | 7 |
| 1248 | Antidepressant-Like Activity of 10-Hydroxy-Trans-2-Decenoic Acid, a Unique Unsaturated Fatty Acid of Royal Jelly, in Stress-Inducible Depression-Like Mouse Model. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-6. | 1.2 | 32 |
| 1249 | Mood dysregulation and stabilization: perspectives from emotional cognitive neuroscience. <i>International Journal of Neuropsychopharmacology</i> , 2012, 15, 681-694. | 2.1 | 15 |
| 1250 | Modulation of neuroplasticity pathways and antidepressant-like behavioural responses following the short-term (3 and 7 days) administration of the 5-HT ₄ receptor agonist RS67333. <i>International Journal of Neuropsychopharmacology</i> , 2012, 15, 631-643. | 2.1 | 76 |
| 1251 | Repeated Electroconvulsive Seizures Increase the Number of Vessel-Associated Macrophages in Rat Hippocampus. <i>Journal of ECT</i> , 2012, 28, 174-179. | 0.6 | 7 |
| 1252 | Genome-wide Epigenetic Regulation by Early-Life Trauma. <i>Archives of General Psychiatry</i> , 2012, 69, 722-31. | 12.3 | 424 |
| 1253 | Hippocampal N-acetylaspartate and morning cortisol levels in drug-naïve, first-episode patients with major depressive disorder: effects of treatment. <i>Journal of Psychopharmacology</i> , 2012, 26, 1463-1470. | 4.0 | 47 |
| 1255 | Neurobiological Markers of Familial Risk for Depression. <i>Current Topics in Behavioral Neurosciences</i> , 2012, 14, 181-206. | 1.7 | 13 |
| 1256 | Interaction between the BDNF gene Val/66/Met polymorphism and morning cortisol levels as a predictor of depression in adult women. <i>British Journal of Psychiatry</i> , 2012, 201, 313-319. | 2.8 | 27 |
| 1258 | Is neurogenesis relevant in depression and in the mechanism of antidepressant drug action? A critical review. <i>World Journal of Biological Psychiatry</i> , 2012, 13, 402-412. | 2.6 | 36 |
| 1259 | Activation of latent precursors in the hippocampus is dependent on long-term potentiation. <i>Translational Psychiatry</i> , 2012, 2, e72-e72. | 4.8 | 16 |
| 1260 | Unlocking mechanisms in interleukin-1 β -induced changes in hippocampal neurogenesis—a role for GSK-3 β and TLX. <i>Translational Psychiatry</i> , 2012, 2, e194-e194. | 4.8 | 46 |
| 1261 | Inhibition of Adult Neurogenesis by Inducible and Targeted Deletion of ERK5 Mitogen-Activated Protein Kinase Specifically in Adult Neurogenic Regions Impairs Contextual Fear Extinction and Remote Fear Memory. <i>Journal of Neuroscience</i> , 2012, 32, 6444-6455. | 3.6 | 121 |
| 1262 | Neurofibromin Modulates Adult Hippocampal Neurogenesis and Behavioral Effects of Antidepressants. <i>Journal of Neuroscience</i> , 2012, 32, 3529-3539. | 3.6 | 25 |
| 1263 | Inducible and Conditional Deletion of Extracellular Signal-regulated Kinase 5 Disrupts Adult Hippocampal Neurogenesis. <i>Journal of Biological Chemistry</i> , 2012, 287, 23306-23317. | 3.4 | 40 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1264 | Stem Cells in Drug Screening for Neurodegenerative Disease. Korean Journal of Physiology and Pharmacology, 2012, 16, 1. | 1.2 | 19 |
| 1265 | Sertraline May Improve Language Developmental Trajectory in Young Children with Fragile X Syndrome: A Retrospective Chart Review. Autism Research & Treatment, 2012, 2012, 1-8. | 0.5 | 37 |
| 1266 | Adult-Onset Fluoxetine Treatment Does Not Improve Behavioral Impairments and May Have Adverse Effects on the Ts65Dn Mouse Model of Down Syndrome. Neural Plasticity, 2012, 2012, 1-10. | 2.2 | 38 |
| 1267 | Mouse Models of Down Syndrome as a Tool to Unravel the Causes of Mental Disabilities. Neural Plasticity, 2012, 2012, 1-26. | 2.2 | 151 |
| 1268 | Functional Role of Adult Hippocampal Neurogenesis as a Therapeutic Strategy for Mental Disorders. Neural Plasticity, 2012, 2012, 1-20. | 2.2 | 82 |
| 1269 | Hippocampal Neurogenesis, Cognitive Deficits and Affective Disorder in Huntington's Disease. Neural Plasticity, 2012, 2012, 1-7. | 2.2 | 48 |
| 1270 | Effects of Antipsychotics on Dentate Gyrus Stem Cell Proliferation and Survival in Animal Models: A Critical Update. Neural Plasticity, 2012, 2012, 1-12. | 2.2 | 12 |
| 1271 | A New Hypothesis about Neuronal Degeneration Appeared after a Rat Model of Menopause. Neurodegenerative Diseases, 2012, 9, 25-30. | 1.4 | 15 |
| 1272 | Somatic Drugs for Psychiatric Diseases: Aspirin or Simvastatin for Depression?. Current Neuropharmacology, 2012, 10, 139-158. | 2.9 | 25 |
| 1273 | Neural Stem Cell Niches in Health and Diseases. Current Pharmaceutical Design, 2012, 18, 1755-1783. | 1.9 | 82 |
| 1274 | Fluoxetine restores spatial learning but not accelerated forgetting in mesial temporal lobe epilepsy. Brain, 2012, 135, 2358-2374. | 7.6 | 28 |
| 1275 | The Wnt Pathway in Mood Disorders. Current Neuropharmacology, 2012, 10, 239-253. | 2.9 | 46 |
| 1277 | Hippocampal <sc>SPARC</sc> regulates depressionâ€related behavior. Genes, Brain and Behavior, 2012, 11, 966-976. | 2.2 | 17 |
| 1278 | Experimental epilepsy affects <sc>N</sc>otch1 signalling and the stem cell pool in the dentate gyrus. European Journal of Neuroscience, 2012, 36, 3643-3652. | 2.6 | 21 |
| 1279 | Subchronic administration of Trichilia catigua ethyl-acetate fraction promotes antidepressant-like effects and increases hippocampal cell proliferation in mice. Journal of Ethnopharmacology, 2012, 143, 179-184. | 4.1 | 25 |
| 1280 | Sox21 Promotes Hippocampal Adult Neurogenesis via the Transcriptional Repression of the <i>Hes5</i> Gene. Journal of Neuroscience, 2012, 32, 12543-12557. | 3.6 | 62 |
| 1281 | 5-HT2 ligands in the treatment of anxiety and depression. Expert Opinion on Investigational Drugs, 2012, 21, 1701-1725. | 4.1 | 51 |
| 1282 | Investigating Tonic Wnt Signaling Throughout the Adult CNS and in the Hippocampal Neurogenic Niche of BatGal and Ins-TopGal Mice. Cellular and Molecular Neurobiology, 2012, 32, 1159-1174. | 3.3 | 20 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------|-----------|
| 1283 | An exploratory study of combination buspirone and melatonin SR in Major Depressive Disorder (MDD): A possible role for neurogenesis in drug discovery. <i>Journal of Psychiatric Research</i> , 2012, 46, 1553-1563. | 3.1 | 52 |
| 1284 | Therapeutic potentials of neural stem cells treated with fluoxetine in Alzheimer's disease. <i>Neurochemistry International</i> , 2012, 61, 885-891. | 3.8 | 20 |
| 1285 | Voxelwise meta-analysis of gray matter reduction in major depressive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 36, 11-16. | 4.8 | 206 |
| 1287 | Intrahippocampal transplantation of mesenchymal stromal cells promotes neuroplasticity. <i>Cytotherapy</i> , 2012, 14, 1041-1053. | 0.7 | 28 |
| 1288 | Alcohol exposure induces depression-like behavior by decreasing hippocampal neuronal proliferation through inhibition of the BDNF-ERK pathway in gerbils. <i>Animal Cells and Systems</i> , 2012, 16, 190-197. | 2.2 | 18 |
| 1289 | Imaging evidence for depression: Is there biology in the bibliography?. <i>Revista De Psiquiatria Y Salud Mental (English Edition)</i> , 2012, 5, 5-7. | 0.3 | 2 |
| 1290 | Stress-induced activation of the brainstem Bcl-xL gene expression in rats treated with fluoxetine: Correlations with serotonin metabolism and depressive-like behavior. <i>Neuropharmacology</i> , 2012, 62, 177-183. | 4.1 | 30 |
| 1291 | Early reactions of brain-derived neurotrophic factor in plasma (pBDNF) and outcome to acute antidepressant treatment in patients with Major Depression. <i>Neuropharmacology</i> , 2012, 62, 264-269. | 4.1 | 62 |
| 1292 | The neurogenesis hypothesis of affective and anxiety disorders: Are we mistaking the scaffolding for the building?. <i>Neuropharmacology</i> , 2012, 62, 21-34. | 4.1 | 209 |
| 1293 | Differential environmental regulation of neurogenesis along the septo-temporal axis of the hippocampus. <i>Neuropharmacology</i> , 2012, 63, 374-384. | 4.1 | 142 |
| 1294 | Vascular endothelial growth factor regulates adult hippocampal cell proliferation through MEK/ERK- and PI3K/Akt-dependent signaling. <i>Neuropharmacology</i> , 2012, 63, 642-652. | 4.1 | 137 |
| 1295 | Regular exercise cures depression-like behavior via VEGF-Flk-1 signaling in chronically stressed mice. <i>Neuroscience</i> , 2012, 207, 208-217. | 2.3 | 94 |
| 1296 | Environmental enrichment protects against the effects of chronic stress on cognitive and morphological measures of hippocampal integrity. <i>Neurobiology of Learning and Memory</i> , 2012, 97, 250-260. | 1.9 | 80 |
| 1297 | PUFA-GPR40-CREB signaling hypothesis for the adult primate neurogenesis. <i>Progress in Lipid Research</i> , 2012, 51, 221-231. | 11.6 | 59 |
| 1298 | The neurobiology of depression in later-life: Clinical, neuropsychological, neuroimaging and pathophysiological features. <i>Progress in Neurobiology</i> , 2012, 98, 99-143. | 5.7 | 234 |
| 1299 | Sertraline promotes hippocampus-derived neural stem cells differentiating into neurons but not glia and attenuates LPS-induced cellular damage. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 36, 183-188. | 4.8 | 23 |
| 1300 | Therapeutic effect of paroxetine on stress-induced gastric lesions in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 36, 39-43. | 4.8 | 9 |
| 1301 | Noradrenaline increases neural precursor cells derived from adult rat dentate gyrus through beta2 receptor. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 36, 44-51. | 4.8 | 58 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1302 | A comparison of brief pulse and ultrabrief pulse electroconvulsive stimulation on rodent brain and behaviour. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 37, 147-152. | 4.8 | 19 |
| 1303 | Infantile amnesia: A neurogenic hypothesis. <i>Learning and Memory</i> , 2012, 19, 423-433. | 1.3 | 110 |
| 1304 | Major Depression: A Role for Hippocampal Neurogenesis?. <i>Current Topics in Behavioral Neurosciences</i> , 2012, 14, 153-179. | 1.7 | 65 |
| 1305 | Leptin restores adult hippocampal neurogenesis in a chronic unpredictable stress model of depression and reverses glucocorticoid-induced inhibition of GSK-3 β / β -catenin signaling. <i>Molecular Psychiatry</i> , 2012, 17, 790-808. | 7.9 | 180 |
| 1306 | Depression and Hippocampal Neurogenesis: A Road to Remission?. <i>Science</i> , 2012, 338, 72-75. | 12.6 | 413 |
| 1307 | The extracellular signal-regulated kinase pathway may play an important role in mediating antidepressant-stimulated hippocampus neurogenesis in depression. <i>Medical Hypotheses</i> , 2012, 79, 87-91. | 1.5 | 15 |
| 1308 | Chronic social defeat up-regulates expression of norepinephrine transporter in rat brains. <i>Neurochemistry International</i> , 2012, 60, 9-20. | 3.8 | 32 |
| 1309 | Adult murine hippocampal neurogenesis is inhibited by sustained IL-1 β and not rescued by voluntary running. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 292-300. | 4.1 | 101 |
| 1310 | Effects of risperidone treatment in adolescence on hippocampal neurogenesis, parvalbumin expression, and vascularization following prenatal immune activation in rats. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 353-363. | 4.1 | 79 |
| 1311 | Social stress reduces forebrain cell proliferation in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Behavioural Brain Research</i> , 2012, 227, 311-318. | 2.2 | 38 |
| 1312 | Dentate gyrus neurogenesis, integration and microRNAs. <i>Behavioural Brain Research</i> , 2012, 227, 348-355. | 2.2 | 27 |
| 1313 | Role of vascular endothelial growth factor in adult hippocampal neurogenesis: Implications for the pathophysiology and treatment of depression. <i>Behavioural Brain Research</i> , 2012, 227, 440-449. | 2.2 | 127 |
| 1314 | Chronic fluoxetine treatment and maternal adversity differentially alter neurobehavioral outcomes in the rat dam. <i>Behavioural Brain Research</i> , 2012, 228, 159-168. | 2.2 | 84 |
| 1315 | The effect of subchronic fluoxetine treatment on learning and memory in adolescent rats. <i>Behavioural Brain Research</i> , 2012, 228, 169-175. | 2.2 | 26 |
| 1316 | Genetic ablation of the GluK4 kainate receptor subunit causes anxiolytic and antidepressant-like behavior in mice. <i>Behavioural Brain Research</i> , 2012, 228, 406-414. | 2.2 | 43 |
| 1317 | Hippocampal neurogenesis increase with stereotypic behavior in mink (<i>Neovison vison</i>). <i>Behavioural Brain Research</i> , 2012, 229, 359-364. | 2.2 | 14 |
| 1318 | Long-lasting effects of chronic rTMS to treat chronic rodent model of depression. <i>Behavioural Brain Research</i> , 2012, 232, 245-251. | 2.2 | 79 |
| 1319 | Structure-function associations in hippocampus in bipolar disorder. <i>Biological Psychology</i> , 2012, 90, 18-22. | 2.2 | 44 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1320 | Neurogenesis-Independent Antidepressant-Like Effects on Behavior and Stress Axis Response of a Dual Orexin Receptor Antagonist in a Rodent Model of Depression. <i>Neuropsychopharmacology</i> , 2012, 37, 2210-2221. | 5.4 | 120 |
| 1321 | Pharmacological or genetic blockade of the dopamine D3 receptor increases cell proliferation in the hippocampus of adult mice. <i>Journal of Neurochemistry</i> , 2012, 123, 811-823. | 3.9 | 15 |
| 1322 | 5-HT2B receptors are required for serotonin-selective antidepressant actions. <i>Molecular Psychiatry</i> , 2012, 17, 154-163. | 7.9 | 165 |
| 1323 | Neural Mechanisms of Stress Resilience and Vulnerability. <i>Neuron</i> , 2012, 75, 747-761. | 8.1 | 410 |
| 1324 | CHAPTER 7. The Neurobiology of Depression and Anxiety: How Do We Change from Models of Drug Efficacy to Understanding Mood and Anxiety Disorders?. <i>RSC Drug Discovery Series</i> , 2012, , 159-183. | 0.3 | 2 |
| 1325 | Extracellular Signal-Regulated Kinase 2 Signaling in the Hippocampal Dentate Gyrus Mediates the Antidepressant Effects of Testosterone. <i>Biological Psychiatry</i> , 2012, 71, 642-651. | 1.3 | 73 |
| 1326 | Hippocampal Angiogenesis and Progenitor Cell Proliferation Are Increased with Antidepressant Use in Major Depression. <i>Biological Psychiatry</i> , 2012, 72, 562-571. | 1.3 | 265 |
| 1327 | Escitalopram improves memory deficits induced by maternal separation in the rat. <i>European Journal of Pharmacology</i> , 2012, 695, 71-75. | 3.5 | 32 |
| 1328 | Blockade of the GABAB receptor increases neurogenesis in the ventral but not dorsal adult hippocampus: Relevance to antidepressant action. <i>Neuropharmacology</i> , 2012, 63, 1380-1388. | 4.1 | 61 |
| 1329 | Selective estrogen receptor-beta (SERM-beta) compounds modulate raphe nuclei tryptophan hydroxylase-1 (TPH-1) mRNA expression and cause antidepressant-like effects in the forced swim test. <i>Neuropharmacology</i> , 2012, 63, 1051-1063. | 4.1 | 33 |
| 1330 | Allopregnanolone regulates neurogenesis and depressive/anxiety-like behaviour in a social isolation rodent model of chronic stress. <i>Neuropharmacology</i> , 2012, 63, 1315-1326. | 4.1 | 130 |
| 1331 | Strain differences in the effects of chronic corticosterone exposure in the hippocampus. <i>Neuroscience</i> , 2012, 222, 269-280. | 2.3 | 27 |
| 1332 | The serotonergic system in ageing and Alzheimer's disease. <i>Progress in Neurobiology</i> , 2012, 99, 15-41. | 5.7 | 211 |
| 1333 | Differential effects of antipsychotics on hippocampal presynaptic protein expressions and recognition memory in a schizophrenia model in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 39, 62-68. | 4.8 | 27 |
| 1335 | Extending David Horrobin's membrane phospholipid theory of schizophrenia: Overactivity of cytosolic phospholipase A2 in the brain is caused by overdrive of coupled serotonergic 5HT2A/2C receptors in response to stress. <i>Medical Hypotheses</i> , 2012, 79, 740-743. | 1.5 | 12 |
| 1336 | Discoveries in Down syndrome. <i>Progress in Brain Research</i> , 2012, 197, 199-221. | 1.4 | 24 |
| 1337 | Differential BDNF Responses of Triple Versus Dual Reuptake Inhibition in Neuronal and Astrocytoma Cells as well as in Rat Hippocampus and Prefrontal Cortex. <i>Journal of Molecular Neuroscience</i> , 2012, 48, 167-175. | 2.3 | 14 |
| 1338 | Modifiable factors that alter the size of the hippocampus with ageing. <i>Nature Reviews Neurology</i> , 2012, 8, 189-202. | 10.1 | 282 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1339 | Deficient Plasticity in the Hippocampus and the Spiral of Addiction: Focus on Adult Neurogenesis. Current Topics in Behavioral Neurosciences, 2012, 15, 293-312. | 1.7 | 31 |
| 1340 | Regional Differences in Human Ependymal and Subventricular Zone Cytoarchitecture Are Unchanged in Neuropsychiatric Disease. Developmental Neuroscience, 2012, 34, 299-309. | 2.0 | 21 |
| 1341 | All About Running: Synaptic Plasticity, Growth Factors and Adult Hippocampal Neurogenesis. Current Topics in Behavioral Neurosciences, 2012, 15, 189-210. | 1.7 | 293 |
| 1342 | Novel Insights into Depression and Antidepressants: A Synergy Between Synaptogenesis and Neurogenesis?. Current Topics in Behavioral Neurosciences, 2012, 15, 243-291. | 1.7 | 40 |
| 1343 | Effects of sex and rearing environment on imipramine response in mice. Psychopharmacology, 2012, 224, 201-208. | 3.1 | 7 |
| 1344 | Glycogen Synthase Kinase 3 Inhibition Promotes Adult Hippocampal Neurogenesis in Vitro and in Vivo. ACS Chemical Neuroscience, 2012, 3, 963-971. | 3.5 | 139 |
| 1345 | Immuno-Golgi as a Tool for Analyzing Neuronal 3D-Dendritic Structure in Phenotypically Characterized Neurons. PLoS ONE, 2012, 7, e33114. | 2.5 | 12 |
| 1346 | Inducible and Targeted Deletion of the ERK5 MAP Kinase in Adult Neurogenic Regions Impairs Adult Neurogenesis in the Olfactory Bulb and Several Forms of Olfactory Behavior. PLoS ONE, 2012, 7, e49622. | 2.5 | 29 |
| 1347 | The Role of Dietary Polyphenols on Adult Hippocampal Neurogenesis: Molecular Mechanisms and Behavioural Effects on Depression and Anxiety. Oxidative Medicine and Cellular Longevity, 2012, 2012, 1-18. | 4.0 | 116 |
| 1348 | Neuroregenerative Mechanisms of Allopregnanolone in Alzheimer's Disease. Frontiers in Endocrinology, 2011, 2, 117. | 3.5 | 38 |
| 1349 | Do genes and environment meet to regulate cerebrospinal fluid dynamics? Relevance for schizophrenia. Frontiers in Cellular Neuroscience, 2012, 6, 31. | 3.7 | 21 |
| 1350 | The Effects of Bilateral Vestibular Loss on Hippocampal Volume, Neuronal Number, and Cell Proliferation in Rats. Frontiers in Neurology, 2012, 3, 20. | 2.4 | 24 |
| 1351 | Mechanisms of deep brain stimulation for obsessive compulsive disorder: effects upon cells and circuits. Frontiers in Integrative Neuroscience, 2012, 6, 29. | 2.1 | 110 |
| 1352 | GSK-3 and Wnt Signaling in Neurogenesis and Bipolar Disorder. Frontiers in Molecular Neuroscience, 2012, 5, 1. | 2.9 | 267 |
| 1354 | Neuroplasticity and major depression, the role of modern antidepressant drugs. World Journal of Psychiatry, 2012, 2, 49. | 2.7 | 80 |
| 1355 | Chronic fluoxetine treatment in middle-aged rats induces changes in the expression of plasticity-related molecules and in neurogenesis. BMC Neuroscience, 2012, 13, 5. | 1.9 | 59 |
| 1356 | Quantitative hippocampal structural changes following electroconvulsive seizure treatment in a rat model of depression. Synapse, 2012, 66, 667-676. | 1.2 | 45 |
| 1357 | Electroconvulsive seizure promotes spine maturation in newborn dentate granule cells in adult rat. Developmental Neurobiology, 2012, 72, 937-942. | 3.0 | 40 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1358 | Modification of hippocampal circuitry by adult neurogenesis. <i>Developmental Neurobiology</i> , 2012, 72, 1032-1043. | 3.0 | 113 |
| 1359 | Neurogenesis and progenitor cells in the adult human brain: A comparison between hippocampal and subventricular progenitor proliferation. <i>Developmental Neurobiology</i> , 2012, 72, 990-1005. | 3.0 | 101 |
| 1360 | Patterning of retinoic acid signaling and cell proliferation in the hippocampus. <i>Hippocampus</i> , 2012, 22, 2171-2183. | 1.9 | 57 |
| 1361 | Endocrine substrates of cognitive and affective changes during pregnancy and postpartum.. <i>Behavioral Neuroscience</i> , 2012, 126, 54-72. | 1.2 | 113 |
| 1362 | G-Protein-Coupled Receptors in Adult Neurogenesis. <i>Pharmacological Reviews</i> , 2012, 64, 645-675. | 16.0 | 62 |
| 1363 | DURATION OF LAST DEPRESSIVE EPISODE MAY INFLUENCE SERUM BDNF LEVELS IN REMITTED PATIENTS WITH MAJOR DEPRESSION. <i>Depression and Anxiety</i> , 2012, 29, 775-779. | 4.1 | 15 |
| 1364 | Increased Expression of the Anti-Apoptotic Protein Bcl-xL in the Brain is Associated with Resilience to Stress-Induced Depression-Like Behavior. <i>Cellular and Molecular Neurobiology</i> , 2012, 32, 767-776. | 3.3 | 29 |
| 1365 | Evaluating genetic markers and neurobiochemical analytes for fluoxetine response using a panel of mouse inbred strains. <i>Psychopharmacology</i> , 2012, 221, 297-315. | 3.1 | 51 |
| 1366 | Subchronic treatment with fluoxetine and ketanserin increases hippocampal brain-derived neurotrophic factor, β -catenin and antidepressant-like effects. <i>British Journal of Pharmacology</i> , 2012, 165, 1046-1057. | 5.4 | 55 |
| 1367 | Fluoxetine rescues impaired hippocampal neurogenesis in a transgenic A53T synuclein mouse model. <i>European Journal of Neuroscience</i> , 2012, 35, 10-19. | 2.6 | 93 |
| 1368 | Environmental enrichment counters cocaine abstinence-induced stress and brain reactivity to cocaine cues but fails to prevent the incubation effect. <i>Addiction Biology</i> , 2012, 17, 365-377. | 2.6 | 53 |
| 1369 | Depression, stress, epilepsy and adult neurogenesis. <i>Experimental Neurology</i> , 2012, 233, 22-32. | 4.1 | 133 |
| 1370 | Stress, depression and Parkinson's disease. <i>Experimental Neurology</i> , 2012, 233, 79-86. | 4.1 | 172 |
| 1371 | Antidepressant-like effects of the saponins extracted from <i>Chaihu-jia-longgu-muli-tang</i> in a rat unpredictable chronic mild stress model. <i>FÄ-toterapÄ-t</i> , 2012, 83, 93-103. | 2.2 | 37 |
| 1372 | Brain and behavioral pathology in an animal model of Wernicke's encephalopathy and Wernicke-Korsakoff Syndrome. <i>Brain Research</i> , 2012, 1436, 178-192. | 2.2 | 36 |
| 1373 | MPTP-induced hippocampal effects on serotonin, dopamine, neurotrophins, adult neurogenesis and depression-like behavior are partially influenced by fluoxetine in adult mice. <i>Brain Research</i> , 2012, 1457, 51-69. | 2.2 | 40 |
| 1374 | β -galactosidase Enhances Adult Mouse Hippocampal Neurogenesis Via Opening of K^+ Channels Expressed in Neural Stem Cells. <i>CNS Neuroscience and Therapeutics</i> , 2012, 18, 737-744. | 3.9 | 18 |
| 1375 | Estimation of the total number of hippocampal CA1 pyramidal neurons: New methodology applied to helpless rats. <i>Journal of Neuroscience Methods</i> , 2012, 205, 130-138. | 2.5 | 9 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1376 | Drug withdrawal-induced depression: Serotonergic and plasticity changes in animal models. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 696-726. | 6.1 | 42 |
| 1377 | Mechanistic explanations how cell-mediated immune activation, inflammation and oxidative and nitrosative stress pathways and their sequels and concomitants play a role in the pathophysiology of unipolar depression. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 764-785. | 6.1 | 696 |
| 1378 | n ³ fatty acids prevent impairment of neurogenesis and synaptic plasticity in B-cell activating factor (BAFF) transgenic mice. <i>Preventive Medicine</i> , 2012, 54, S103-S108. | 3.4 | 23 |
| 1379 | Serotonin of mast cell origin contributes to hippocampal function. <i>European Journal of Neuroscience</i> , 2012, 36, 2347-2359. | 2.6 | 68 |
| 1380 | Effects of adult-generated granule cells on coordinated network activity in the dentate gyrus. <i>Hippocampus</i> , 2012, 22, 106-116. | 1.9 | 158 |
| 1381 | Increased adult hippocampal neurogenesis and abnormal migration of adult-born granule neurons is associated with hippocampal-specific cognitive deficits in phospholipase C α 1 knockout mice. <i>Hippocampus</i> , 2012, 22, 309-319. | 1.9 | 45 |
| 1382 | GRIK4/KA1 protein expression in human brain and correlation with bipolar disorder risk variant status. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2012, 159B, 21-29. | 1.7 | 23 |
| 1383 | Long-Lasting Effects of Maternal Separation on an Animal Model of Post-Traumatic Stress Disorder: Effects on Memory and Hippocampal Oxidative Stress. <i>Neurochemical Research</i> , 2012, 37, 700-707. | 3.3 | 63 |
| 1384 | Depression and treatment response: dynamic interplay of signaling pathways and altered neural processes. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 39-53. | 5.4 | 66 |
| 1385 | Hyperforin modulates dendritic spine morphology in hippocampal pyramidal neurons by activating Ca ²⁺ -permeable TRPC6 channels. <i>Hippocampus</i> , 2013, 23, 40-52. | 1.9 | 65 |
| 1386 | Aripiprazole, An Atypical Antipsychotic Drug, Improves Maturation and Complexity of Neuroblast Dendrites in the Mouse Dentate Gyrus Via Increasing Superoxide Dismutases. <i>Neurochemical Research</i> , 2013, 38, 1980-1988. | 3.3 | 19 |
| 1387 | Ascending monoaminergic systems alterations in Alzheimer's disease. Translating basic science into clinical care. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 1363-1379. | 6.1 | 180 |
| 1388 | Neurogenesis and Neural Plasticity. <i>Current Topics in Behavioral Neurosciences</i> , 2013, , . | 1.7 | 7 |
| 1389 | Management of patients with stroke: Is it time to expand treatment options?. <i>Annals of Neurology</i> , 2013, 74, 4-10. | 5.3 | 20 |
| 1390 | Behavioral Neurobiology of Depression and Its Treatment. <i>Current Topics in Behavioral Neurosciences</i> , 2013, , . | 1.7 | 4 |
| 1391 | Neurotoxic Saboteurs: Straws that Break the Hippocampus' (Hippocampus) Back Drive Cognitive Impairment and Alzheimer's Disease. <i>Neurotoxicity Research</i> , 2013, 24, 407-459. | 2.7 | 47 |
| 1392 | Antidepressant effects of AMPA and ketamine combination: role of hippocampal BDNF, synapsin, and mTOR. <i>Psychopharmacology</i> , 2013, 230, 291-298. | 3.1 | 131 |
| 1393 | Role of adult neurogenesis in hippocampus-dependent memory, contextual fear extinction and remote contextual memory: New insights from ERK5 MAP kinase. <i>Neurobiology of Learning and Memory</i> , 2013, 105, 81-92. | 1.9 | 59 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------|-----------|
| 1394 | Sex, Hormones and Neurogenesis in the Hippocampus: Hormonal Modulation of Neurogenesis and Potential Functional Implications. <i>Journal of Neuroendocrinology</i> , 2013, 25, 1039-1061. | 2.6 | 184 |
| 1395 | Neurogenesis along the septo-temporal axis of the hippocampus: Are depression and the action of antidepressants region-specific?. <i>Neuroscience</i> , 2013, 252, 234-252. | 2.3 | 182 |
| 1396 | Upregulation of mGlu2 Receptors via NF- κ B p65 Acetylation Is Involved in the Proneurogenic and Antidepressant Effects of Acetyl-L-Carnitine. <i>Neuropsychopharmacology</i> , 2013, 38, 2220-2230. | 5.4 | 66 |
| 1397 | Neurogenic hypothesis and psychiatric disorders. <i>Science Bulletin</i> , 2013, 58, 3188-3198. | 1.7 | 3 |
| 1398 | p11 and its role in depression and therapeutic responses to antidepressants. <i>Nature Reviews Neuroscience</i> , 2013, 14, 673-680. | 10.2 | 144 |
| 1399 | New design strategies for antidepressant drugs. <i>Expert Opinion on Drug Discovery</i> , 2013, 8, 1399-1414. | 5.0 | 19 |
| 1400 | Neuroprotective and procognitive effects of sertraline: In vitro and in vivo studies. <i>Neuroscience Letters</i> , 2013, 550, 93-97. | 2.1 | 26 |
| 1402 | Maternal and Early Postnatal Nutrition and Mental Health of Offspring by Age 5 Years: A Prospective Cohort Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2013, 52, 1038-1047. | 0.5 | 234 |
| 1403 | Antidepressant and anxiolytic potential of the multimodal antidepressant vortioxetine (Lu AA21004) assessed by behavioural and neurogenesis outcomes in mice. <i>Neuropharmacology</i> , 2013, 73, 147-159. | 4.1 | 108 |
| 1404 | Electroconvulsive therapy increases hippocampal and amygdala volume in therapy refractory depression: A longitudinal pilot study. <i>Psychiatry Research - Neuroimaging</i> , 2013, 214, 197-203. | 1.8 | 132 |
| 1405 | SMARCA3, a Chromatin-Remodeling Factor, Is Required for p11-Dependent Antidepressant Action. <i>Cell</i> , 2013, 152, 831-843. | 28.9 | 92 |
| 1406 | Ethanol withdrawal-induced depressive symptoms in animals and therapeutic potential of sigma1 receptor ligands. <i>Pharmacological Reports</i> , 2013, 65, 1681-1687. | 3.3 | 11 |
| 1407 | The role of serotonin in cognitive function: evidence from recent studies and implications for understanding depression. <i>Journal of Psychopharmacology</i> , 2013, 27, 575-583. | 4.0 | 90 |
| 1408 | A possible negative influence of depression on the ability to overcome memory interference. <i>Behavioural Brain Research</i> , 2013, 256, 20-26. | 2.2 | 77 |
| 1409 | Happiness by association: Breadth of free association influences affective states. <i>Cognition</i> , 2013, 127, 93-98. | 2.2 | 21 |
| 1410 | Effects of repeated 5-HT ₆ receptor stimulation on BDNF gene expression and cell survival. <i>Neuroscience Letters</i> , 2013, 553, 211-215. | 2.1 | 5 |
| 1411 | Nature, nurture and neurobiology: Gene-environment interactions in neuropsychiatric disorders. <i>Neurobiology of Disease</i> , 2013, 57, 1-4. | 4.4 | 4 |
| 1412 | Antidepressants for neuro-regeneration: from depression to Alzheimer's disease. <i>Archives of Pharmacological Research</i> , 2013, 36, 1279-1290. | 6.3 | 31 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1413 | Sleep and Adult Neurogenesis: Implications for Cognition and Mood. <i>Current Topics in Behavioral Neurosciences</i> , 2013, 25, 151-181. | 1.7 | 52 |
| 1414 | Adult neurogenesis in the mammalian hippocampus: Why the dentate gyrus?. <i>Learning and Memory</i> , 2013, 20, 710-729. | 1.3 | 104 |
| 1415 | GDNF facilitates differentiation of the adult dentate gyrus-derived neural precursor cells into astrocytes via STAT3. <i>Biochemical and Biophysical Research Communications</i> , 2013, 434, 779-784. | 2.1 | 28 |
| 1416 | Neural Stem Cells: Generating and Regenerating the Brain. <i>Neuron</i> , 2013, 80, 588-601. | 8.1 | 479 |
| 1417 | Type II pyrethroid deltamethrin produces antidepressant-like effects in mice. <i>Behavioural Brain Research</i> , 2013, 257, 182-188. | 2.2 | 17 |
| 1418 | Prolactin administration during early postnatal life decreases hippocampal and olfactory bulb neurogenesis and results in depressive-like behavior in adulthood. <i>Hormones and Behavior</i> , 2013, 64, 781-789. | 2.1 | 19 |
| 1419 | Assessing the Effects of Electroconvulsive Therapy on Cortical Excitability by Means of Transcranial Magnetic Stimulation and Electroencephalography. <i>Brain Topography</i> , 2013, 26, 326-337. | 1.8 | 77 |
| 1420 | Neuropeptides and hippocampal neurogenesis. <i>Neuropeptides</i> , 2013, 47, 431-438. | 2.2 | 57 |
| 1421 | Stress susceptibility-specific phenotype associated with different hippocampal transcriptomic responses to chronic tricyclic antidepressant treatment in mice. <i>BMC Neuroscience</i> , 2013, 14, 144. | 1.9 | 27 |
| 1422 | Chronic fluoxetine treatment reduces parvalbumin expression and perineuronal nets in gamma-aminobutyric acidergic interneurons of the frontal cortex in adult mice. <i>Molecular Brain</i> , 2013, 6, 43. | 2.6 | 86 |
| 1423 | Tetrahydrohyperforin Increases Adult Hippocampal Neurogenesis in Wild-Type and APP ^{swe} /PS1 ^{E9} Mice. <i>Journal of Alzheimer's Disease</i> , 2013, 34, 873-885. | 2.6 | 34 |
| 1424 | Bridging animal and human models of exercise-induced brain plasticity. <i>Trends in Cognitive Sciences</i> , 2013, 17, 525-544. | 7.8 | 748 |
| 1425 | Synaptogenesis in the Adult CNS – Hippocampus. , 2013, , 723-738. | | 1 |
| 1426 | Increased Hippocampal Neurogenesis and Accelerated Response to Antidepressants in Mice with Specific Deletion of CREB in the Hippocampus: Role of cAMP Response-Element Modulator 1 β . <i>Journal of Neuroscience</i> , 2013, 33, 13673-13685. | 3.6 | 46 |
| 1427 | VEGF and depression: A comprehensive assessment of clinical data. <i>Journal of Psychiatric Research</i> , 2013, 47, 1080-1087. | 3.1 | 86 |
| 1428 | Impacts of early intervention with fluoxetine following early neonatal immune activation on depression-like behaviors and body weight in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 43, 55-65. | 4.8 | 47 |
| 1429 | Morphological Effects of Combined Systemic Administration of Fluoxetine and Sildenafil in the Murine Hippocampus. <i>Neurophysiology</i> , 2013, 45, 293-298. | 0.3 | 0 |
| 1430 | Adult neurogenesis in the mammalian brain. <i>Frontiers in Biology</i> , 2013, 8, 295-304. | 0.7 | 14 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1431 | Future perspectives on the treatment of cognitive deficits and negative symptoms in schizophrenia. <i>World Psychiatry</i> , 2013, 12, 99-107. | 10.4 | 22 |
| 1432 | 17 β -Estradiol, but not estrone, increases the survival and activation of new neurons in the hippocampus in response to spatial memory in adult female rats. <i>Hormones and Behavior</i> , 2013, 63, 144-157. | 2.1 | 93 |
| 1433 | Brain, networks, depression, and more. <i>European Neuropsychopharmacology</i> , 2013, 23, 55-62. | 0.7 | 50 |
| 1434 | A benzodiazepine impairs the neurogenic and behavioural effects of fluoxetine in a rodent model of chronic stress. <i>Neuropharmacology</i> , 2013, 72, 20-28. | 4.1 | 19 |
| 1435 | Neurogenesis Recovery Induced by Granulocyte-colony Stimulating Factor in Neonatal Rat Brain After Perinatal Hypoxia. <i>Pediatrics and Neonatology</i> , 2013, 54, 380-388. | 0.9 | 11 |
| 1436 | Adult neurogenesis in the dentate gyrus. <i>Neurology</i> , 2013, 81, 1443-1452. | 1.1 | 21 |
| 1437 | Severe sleepiness and excess sleep duration induced by paroxetine treatment is a beneficial pharmacological effect, not an adverse reaction. <i>Journal of Affective Disorders</i> , 2013, 150, 1209-1212. | 4.1 | 8 |
| 1438 | Adult hippocampal neurogenesis in the pathogenesis of addiction and dual diagnosis disorders. <i>Drug and Alcohol Dependence</i> , 2013, 130, 1-12. | 3.2 | 87 |
| 1439 | Chronic stress-induced changes in the rat brain: Role of sex differences and effects of long-term tianeptine treatment. <i>Neuropharmacology</i> , 2013, 75, 426-436. | 4.1 | 25 |
| 1440 | Hippocampal volume and total cell numbers in major depressive disorder. <i>Journal of Psychiatric Research</i> , 2013, 47, 299-306. | 3.1 | 118 |
| 1441 | Adult hippocampal neurogenesis: An actor in the antidepressant-like action. <i>Annales Pharmaceutiques Francaises</i> , 2013, 71, 143-149. | 1.0 | 37 |
| 1442 | Hippocampal group III mGlu receptor mRNA levels are not altered in specific mouse models of stress, depression and antidepressant action. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 103, 561-567. | 2.9 | 8 |
| 1443 | ROCK2 regulates bFGF-induced proliferation of SH-SY5Y cells through GSK-3 β and β -catenin pathway. <i>Brain Research</i> , 2013, 1492, 7-17. | 2.2 | 20 |
| 1444 | Impact of early-life stress, on group III mGlu receptor levels in the rat hippocampus: Effects of ketamine, electroconvulsive shock therapy and fluoxetine treatment. <i>Neuropharmacology</i> , 2013, 66, 236-241. | 4.1 | 34 |
| 1445 | Early Stress Evokes Age-Dependent Biphasic Changes in Hippocampal Neurogenesis, Bdnf Expression, and Cognition. <i>Biological Psychiatry</i> , 2013, 73, 658-666. | 1.3 | 180 |
| 1446 | Differential Control of Learning and Anxiety along the Dorsoventral Axis of the Dentate Gyrus. <i>Neuron</i> , 2013, 77, 955-968. | 8.1 | 582 |
| 1447 | The neurobiology of depression and antidepressant action. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 2331-2371. | 6.1 | 386 |
| 1448 | Big Effects of Small RNAs: A Review of MicroRNAs in Anxiety. <i>Molecular Neurobiology</i> , 2013, 47, 726-739. | 4.0 | 80 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1449 | Stem Cells in the Adult Brain. , 2013, , 699-705. | | 1 |
| 1451 | Mildronate enhances learning/memory and changes hippocampal protein expression in trained rats. Pharmacology Biochemistry and Behavior, 2013, 106, 68-76. | 2.9 | 17 |
| 1452 | Repetitive fluoxetine treatment affects long-term memories but not learning. Behavioural Brain Research, 2013, 247, 92-100. | 2.2 | 34 |
| 1453 | The Effects of Reboxetine Treatment on Depression-like Behavior, Brain Neurotrophins, and ERK Expression in Rats Exposed to Chronic Mild Stress. Journal of Molecular Neuroscience, 2013, 50, 88-97. | 2.3 | 38 |
| 1454 | High-Mobility Group Box-1 Protein and I ² -Amyloid Oligomers Promote Neuronal Differentiation of Adult Hippocampal Neural Progenitors via Receptor for Advanced Glycation End Products/Nuclear Factor-Î ² B Axis: Relevance for Alzheimer's Disease. Journal of Neuroscience, 2013, 33, 6047-6059. | 3.6 | 76 |
| 1455 | Effects of psilocybin on hippocampal neurogenesis and extinction of trace fear conditioning. Experimental Brain Research, 2013, 228, 481-491. | 1.5 | 179 |
| 1456 | Intracellular Pathways Associated with Neuronal Survival and Death in Epilepsy. , 2013, , 77-97. | | 1 |
| 1457 | Amygdalar expression of proteins associated with neuroplasticity in major depression and suicide. Journal of Psychiatric Research, 2013, 47, 384-390. | 3.1 | 42 |
| 1458 | The effects of brain serotonin deficiency on behavioural disinhibition and anxiety-like behaviour following mild early life stress. International Journal of Neuropsychopharmacology, 2013, 16, 2081-2094. | 2.1 | 56 |
| 1459 | Neurotransmitter-mediated control of neurogenesis in the adult vertebrate brain. Development (Cambridge), 2013, 140, 2548-2561. | 2.5 | 198 |
| 1460 | Fluoxetine-Induced Cortical Adult Neurogenesis. Neuropsychopharmacology, 2013, 38, 909-920. | 5.4 | 71 |
| 1461 | Increased Hippocampal Neurogenesis and p21 Expression in Depression: Dependent on Antidepressants, Sex, Age, and Antipsychotic Exposure. Neuropsychopharmacology, 2013, 38, 2297-2306. | 5.4 | 63 |
| 1462 | The Clinical Implications Of Cognitive Impairment and Allostatic Load in Bipolar Disorder. European Psychiatry, 2013, 28, 21-29. | 0.2 | 119 |
| 1463 | Adult neurogenesis in Parkinson's disease. Cellular and Molecular Life Sciences, 2013, 70, 459-473. | 5.4 | 129 |
| 1464 | Serotonin Is Required for Exercise-Induced Adult Hippocampal Neurogenesis. Journal of Neuroscience, 2013, 33, 8270-8275. | 3.6 | 185 |
| 1465 | Hippocampal neurogenesis: a biomarker for depression or antidepressant effects? Methodological considerations and perspectives for future research. Cell and Tissue Research, 2013, 354, 203-219. | 2.9 | 67 |
| 1466 | Re-cycling Paradigms: Cell Cycle Regulation in Adult Hippocampal Neurogenesis and Implications for Depression. Molecular Neurobiology, 2013, 48, 84-96. | 4.0 | 36 |
| 1467 | Effects of diabetes on hippocampal neurogenesis: Links to cognition and depression. Neuroscience and Biobehavioral Reviews, 2013, 37, 1346-1362. | 6.1 | 197 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------|-----------|
| 1468 | The therapeutic potential of endogenous hippocampal stem cells for the treatment of neurological disorders. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 5. | 3.7 | 24 |
| 1469 | “Clinical judgment” and the DSM-5 diagnosis of major depression. <i>World Psychiatry</i> , 2013, 12, 89-91. | 10.4 | 44 |
| 1470 | Molecular Mechanisms of Depression: Perspectives on New Treatment Strategies. <i>Cellular Physiology and Biochemistry</i> , 2013, 31, 761-777. | 1.6 | 5,968 |
| 1471 | Chemotherapy drug thioTEPA exacerbates stress-induced anhedonia and corticosteroid responses but not impairment of hippocampal cell proliferation in adult mice. <i>Behavioural Brain Research</i> , 2013, 236, 180-185. | 2.2 | 12 |
| 1472 | Effects of single and repeated electroconvulsive stimulation on hippocampal cell proliferation and spontaneous behaviors in the rat. <i>Brain Research</i> , 2013, 1491, 88-97. | 2.2 | 41 |
| 1473 | Huntingtin Mediates Anxiety/Depression-Related Behaviors and Hippocampal Neurogenesis. <i>Journal of Neuroscience</i> , 2013, 33, 8608-8620. | 3.6 | 39 |
| 1474 | p21 ^{Cip} restrains hippocampal neurogenesis and protects neuronal progenitors from apoptosis during acute systemic inflammation. <i>Hippocampus</i> , 2013, 23, 1383-1394. | 1.9 | 56 |
| 1475 | Adipocytokine signaling is altered in flinders sensitive line rats, and adiponectin correlates in humans with some symptoms of depression. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 103, 643-651. | 2.9 | 31 |
| 1476 | Pathological parainflammation and endoplasmic reticulum stress in depression: potential translational targets through the CNS insulin, klotho and PPAR- β systems. <i>Molecular Psychiatry</i> , 2013, 18, 154-165. | 7.9 | 104 |
| 1477 | Touching on translation. <i>Cell and Tissue Research</i> , 2013, 354, 297-308. | 2.9 | 43 |
| 1478 | Expression of Nucleoside Transporter in Freshly Isolated Neurons and Astrocytes from Mouse Brain. <i>Neurochemical Research</i> , 2013, 38, 2351-2358. | 3.3 | 33 |
| 1479 | Effects of chronic treatment with corticosterone and imipramine on fos immunoreactivity and adult hippocampal neurogenesis. <i>Behavioural Brain Research</i> , 2013, 238, 170-177. | 2.2 | 33 |
| 1480 | Neurodegeneration, β -amyloid and mood disorders: state of the art and future perspectives. <i>International Journal of Geriatric Psychiatry</i> , 2013, 28, 661-671. | 2.7 | 12 |
| 1481 | Imipramine treatment increases cell proliferation following fluid percussion brain injury in rats. <i>Neurological Research</i> , 2013, 35, 247-254. | 1.3 | 6 |
| 1482 | Involvement of CaMKIV in neurogenic effect with chronic fluoxetine treatment. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 803-812. | 2.1 | 15 |
| 1483 | Preclinical Profile of Bacopasides From <i>Bacopa monnieri</i> (BM) As An Emerging Class of Therapeutics for Management of Chronic Pains. <i>Current Medicinal Chemistry</i> , 2013, 20, 1028-1037. | 2.4 | 3 |
| 1484 | Mood and Memory Deficits in a Model of Gulf War Illness Are Linked with Reduced Neurogenesis, Partial Neuron Loss, and Mild Inflammation in the Hippocampus. <i>Neuropsychopharmacology</i> , 2013, 38, 2348-2362. | 5.4 | 147 |
| 1485 | Behavioural and neurochemical changes induced by stress-related conditions are counteracted by the neurokinin-2 receptor antagonist saredutant. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 813-823. | 2.1 | 14 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1486 | Proteins and Small Molecules for Cellular Regenerative Medicine. <i>Physiological Reviews</i> , 2013, 93, 311-325. | 28.8 | 31 |
| 1487 | MicroRNA as therapeutic targets for treatment of depression. <i>Neuropsychiatric Disease and Treatment</i> , 2013, 9, 1011. | 2.2 | 45 |
| 1488 | Androgens Increase Survival of Adult-Born Neurons in the Dentate Gyrus by an Androgen Receptor-Dependent Mechanism in Male Rats. <i>Endocrinology</i> , 2013, 154, 3294-3304. | 2.8 | 100 |
| 1489 | Changes of Serum Concentrations of Brain-Derived Neurotrophic Factor (BDNF) during Treatment with Venlafaxine and Mirtazapine: Role of Medication and Response to Treatment. <i>Pharmacopsychiatry</i> , 2013, 46, 54-58. | 3.3 | 51 |
| 1490 | Impact of Lipid Nutrition on Neural Stem/Progenitor Cells. <i>Stem Cells International</i> , 2013, 2013, 1-12. | 2.5 | 21 |
| 1491 | Ziprasidone “Not Haloperidol” Induces more de-novo Neurogenesis of Adult Neural Stem Cells Derived from Murine Hippocampus. <i>Pharmacopsychiatry</i> , 2013, 46, 10-15. | 3.3 | 21 |
| 1492 | Behavioural and Neuroendocrine Consequences of Prenatal Stress in Rat. , 2013, , 175-193. | | 1 |
| 1493 | Antidepressant therapy in epilepsy: can treating the comorbidities affect the underlying disorder?. <i>British Journal of Pharmacology</i> , 2013, 168, 1531-1554. | 5.4 | 88 |
| 1494 | Developmental neuroplasticity and the origin of neurodegenerative diseases. <i>World Journal of Biological Psychiatry</i> , 2016, 17, 1-13. | 2.6 | 28 |
| 1495 | Fluoxetine treatment promotes functional recovery in a rat model of cervical spinal cord injury. <i>Scientific Reports</i> , 2013, 3, 2217. | 3.3 | 20 |
| 1496 | Genetic fate mapping of type-1 stem cell-dependent increase in newborn hippocampal neurons after electroconvulsive seizures. <i>Hippocampus</i> , 2013, 23, 1321-1330. | 1.9 | 21 |
| 1497 | Effects of antidepressant treatment on mice lacking brain-derived neurotrophic factor expression through promoter <sc>IV</sc>. <i>European Journal of Neuroscience</i> , 2013, 37, 1863-1874. | 2.6 | 22 |
| 1498 | Paradoxical increase in survival of newborn neurons in the dentate gyrus of mice with constitutive depletion of serotonin. <i>European Journal of Neuroscience</i> , 2013, 38, 2650-2658. | 2.6 | 38 |
| 1499 | A role for the extended amygdala in the fear-enhancing effects of acute selective serotonin reuptake inhibitor treatment. <i>Translational Psychiatry</i> , 2013, 3, e209-e209. | 4.8 | 48 |
| 1500 | The effects of congenital brain serotonin deficiency on responses to chronic fluoxetine. <i>Translational Psychiatry</i> , 2013, 3, e291-e291. | 4.8 | 41 |
| 1501 | State-dependent changes in hippocampal grey matter in depression. <i>Molecular Psychiatry</i> , 2013, 18, 1265-1272. | 7.9 | 257 |
| 1502 | Novel agents in development for the treatment of depression. <i>CNS Spectrums</i> , 2013, 18, 34-41. | 1.2 | 5 |
| 1503 | Cortisol and depression: three questions for psychiatry. <i>Psychological Medicine</i> , 2013, 43, 449-469. | 4.5 | 244 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1504 | X-Ray Structural Behavior of Some Significant Bioactive Steroids and Their Chemistry in the Crystal Packing and Related Matters. , 2013, , 329-370. | | 0 |
| 1505 | Post-Traumatic Stress Disorder (PTSD). , 2013, , . | | 0 |
| 1506 | Selective deletion of leptin receptors in adult hippocampus induces depression-related behaviours. International Journal of Neuropsychopharmacology, 2013, 16, 857-867. | 2.1 | 82 |
| 1507 | Mechanisms of antidepressant resistance. Frontiers in Pharmacology, 2013, 4, 146. | 3.5 | 89 |
| 1508 | Effects of Serotonin on Erythropoietin Expression in Mouse Hippocampus. Experimental Neurobiology, 2013, 22, 45-50. | 1.6 | 13 |
| 1509 | Protective Effects of Curcumin and Sertraline on the Behavioral Changes in Chronic Variable Stress-Induced Rats. Experimental Neurobiology, 2013, 22, 96-106. | 1.6 | 20 |
| 1510 | Regenerative Medicine for Neurological Diseases with the Use of Electrical Stimulation. , 0, , . | | 0 |
| 1511 | Cannabinoids, Neurogenesis and Antidepressant Drugs: Is there a Link?. Current Neuropharmacology, 2013, 11, 263-275. | 2.9 | 20 |
| 1512 | Corticosterone Facilitates Fluoxetine-Induced Neuronal Plasticity in the Hippocampus. PLoS ONE, 2013, 8, e63662. | 2.5 | 16 |
| 1513 | Electroconvulsive Therapy Induces Neurogenesis in Frontal Rat Brain Areas. PLoS ONE, 2013, 8, e69869. | 2.5 | 65 |
| 1514 | Antidepressant-Like Effects of Erythropoietin: A Focus on Behavioural and Hippocampal Processes. PLoS ONE, 2013, 8, e72813. | 2.5 | 29 |
| 1515 | Orchestrated Regulation of Nogo Receptors, Lotus, AMPA Receptors and BDNF in an ECT Model Suggests Opening and Closure of a Window of Synaptic Plasticity. PLoS ONE, 2013, 8, e78778. | 2.5 | 27 |
| 1516 | Antidepressant activity: contribution of brain microdialysis in knock-out mice to the understanding of BDNF/5-HT transporter/5-HT autoreceptor interactions. Frontiers in Pharmacology, 2013, 4, 98. | 3.5 | 17 |
| 1517 | Interplay between pro-inflammatory cytokines and growth factors in depressive illnesses. Frontiers in Cellular Neuroscience, 2013, 7, 68. | 3.7 | 80 |
| 1518 | Hippocampus-dependent learning influences hippocampal neurogenesis. Frontiers in Neuroscience, 2013, 7, 57. | 2.8 | 69 |
| 1519 | The Neural Plasticity Theory of Depression: Assessing the Roles of Adult Neurogenesis and PSA-NCAM within the Hippocampus. Neural Plasticity, 2013, 2013, 1-14. | 2.2 | 129 |
| 1520 | Neural Plasticity and Proliferation in the Generation of Antidepressant Effects: Hippocampal Implication. Neural Plasticity, 2013, 2013, 1-21. | 2.2 | 73 |
| 1521 | Long-Term Adaptive Changes Induced by Antidepressants: From Conventional to Novel Therapies. , 0, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1522 | Neural Stem Cell: Tools to Unravel Pathogenetic Mechanisms and to Test Novel Drugs for CNS Diseases. , 2013, , . | | 0 |
| 1523 | The 5-hydroxytryptamine 4 Receptor Agonist-induced Actions and Enteric Neurogenesis in the Gut. Journal of Neurogastroenterology and Motility, 2014, 20, 17-30. | 2.4 | 23 |
| 1524 | Effects of fluoxetine on brain-derived neurotrophic factor serum concentration and cognition in patients with vascular dementia. Clinical Interventions in Aging, 2014, 9, 411. | 2.9 | 30 |
| 1525 | Insular and Hippocampal Gray Matter Volume Reductions in Patients with Major Depressive Disorder. PLoS ONE, 2014, 9, e102692. | 2.5 | 138 |
| 1526 | Fluoxetine Induces Proliferation and Inhibits Differentiation of Hypothalamic Neuroprogenitor Cells In Vitro. PLoS ONE, 2014, 9, e88917. | 2.5 | 11 |
| 1527 | Desvenlafaxine May Accelerate Neuronal Maturation in the Dentate Gyrus of Adult Male Rats. PLoS ONE, 2014, 9, e98530. | 2.5 | 7 |
| 1528 | Opposing Effects of α_2 - and β_2 -Adrenergic Receptor Stimulation on Quiescent Neural Precursor Cell Activity and Adult Hippocampal Neurogenesis. PLoS ONE, 2014, 9, e98736. | 2.5 | 37 |
| 1529 | Overexpression of Human GATA-1 and GATA-2 Interferes with Spine Formation and Produces Depressive Behavior in Rats. PLoS ONE, 2014, 9, e109253. | 2.5 | 20 |
| 1530 | Hippocampal and Left Subcallosal Anterior Cingulate Atrophy in Psychotic Depression. PLoS ONE, 2014, 9, e110770. | 2.5 | 24 |
| 1531 | Dietary Polyphenols and Their Effects on Cell Biochemistry and Pathophysiology 2013. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-3. | 4.0 | 37 |
| 1532 | Contingency-based emotional resilience: effort-based reward training and flexible coping lead to adaptive responses to uncertainty in male rats. Frontiers in Behavioral Neuroscience, 2014, 8, 124. | 2.0 | 29 |
| 1533 | Local and regional heterogeneity underlying hippocampal modulation of cognition and mood. Frontiers in Behavioral Neuroscience, 2014, 8, 147. | 2.0 | 57 |
| 1534 | Abnormal anxiety- and depression-like behaviors in mice lacking both central serotonergic neurons and pancreatic islet cells. Frontiers in Behavioral Neuroscience, 2014, 8, 325. | 2.0 | 32 |
| 1535 | Frontiers in therapeutic development of allopregnanolone for Alzheimer's disease and other neurological disorders. Frontiers in Cellular Neuroscience, 2014, 8, 203. | 3.7 | 55 |
| 1536 | Typical and Atypical Stem Cell Niches of the Adult Nervous System in Health and Inflammatory Brain and Spinal Cord Diseases. , 0, , . | | 3 |
| 1538 | Adult neurogenesis and neural precursors, progenitors, and stem cells in the adult central nervous system. , 0, , 283-300. | | 0 |
| 1539 | Neurogenesis and the Brain: Recent Perspectives and Some Clinical Implications. Critical Reviews in Physical and Rehabilitation Medicine, 2014, 26, 1-11. | 0.1 | 0 |
| 1540 | Markers of Apoptosis Induction and Proliferation in the Orbitofrontal Cortex in Alcohol Dependence. Alcoholism: Clinical and Experimental Research, 2014, 38, 2790-2799. | 2.4 | 5 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1541 | Fresh approaches to antidepressant drug discovery. Expert Opinion on Drug Discovery, 2014, 9, 407-421. | 5.0 | 7 |
| 1542 | Microbats appear to have adult hippocampal neurogenesis, but post-capture stress causes a rapid decline in the number of neurons expressing doublecortin. Neuroscience, 2014, 277, 724-733. | 2.3 | 25 |
| 1543 | Short-term escitalopram treatment and hippocampal volume. Psychopharmacology, 2014, 231, 4579-4581. | 3.1 | 7 |
| 1544 | Understanding the role of adjunctive nonpharmacological therapies in management of the multiple pathways to depression. Psychiatry Research, 2014, 220, S34-S44. | 3.3 | 8 |
| 1545 | Molecular and genetic basis of depression. Journal of Genetics, 2014, 93, 879-892. | 0.7 | 22 |
| 1546 | Psychotropic Medications and Their Effect on Brain Volumes in Childhood Psychopathology. Child and Adolescent Psychopharmacology News, 2014, 19, 1-8. | 0.1 | 4 |
| 1547 | NF- κ B Mediated Regulation of Adult Hippocampal Neurogenesis: Relevance to Mood Disorders and Antidepressant Activity. BioMed Research International, 2014, 2014, 1-11. | 1.9 | 55 |
| 1548 | The Effects of Acute Stress-Induced Sleep Disturbance on Acoustic Trauma-Induced Tinnitus in Rats. BioMed Research International, 2014, 2014, 1-8. | 1.9 | 7 |
| 1549 | Chronic fluoxetine treatment alters the structure, connectivity and plasticity of cortical interneurons. International Journal of Neuropsychopharmacology, 2014, 17, 1635-1646. | 2.1 | 90 |
| 1550 | Benzodiazepines and the potential trophic effect of antidepressants on dentate gyrus cells in mood disorders. International Journal of Neuropsychopharmacology, 2014, 17, 1923-1933. | 2.1 | 46 |
| 1551 | Fluoxetine treatment ameliorates depression induced by perinatal arsenic exposure via a neurogenic mechanism. NeuroToxicology, 2014, 44, 98-109. | 3.0 | 24 |
| 1552 | Chronic melatonin treatment rescues electrophysiological and neuromorphological deficits in a mouse model of Down syndrome. Journal of Pineal Research, 2014, 56, 51-61. | 7.4 | 44 |
| 1553 | Galvanic vestibular stimulation impairs cell proliferation and neurogenesis in the rat hippocampus but not spatial memory. Hippocampus, 2014, 24, 541-552. | 1.9 | 17 |
| 1554 | Hippocampal structural and functional changes associated with electroconvulsive therapy response. Translational Psychiatry, 2014, 4, e483-e483. | 4.8 | 169 |
| 1555 | Induction of depressive-like effects by subchronic exposure to cocaine or heroin in laboratory rats. Journal of Neurochemistry, 2014, 130, 575-582. | 3.9 | 20 |
| 1556 | Of mice and men: modelling post-stroke depression experimentally. British Journal of Pharmacology, 2014, 171, 4673-4689. | 5.4 | 59 |
| 1557 | Melatonin synergizes with citalopram to induce antidepressant-like behavior and to promote hippocampal neurogenesis in adult mice. Journal of Pineal Research, 2014, 56, 450-461. | 7.4 | 34 |
| 1558 | Transcriptome profiling analysis of the mechanisms underlying the BDNF Val66Met polymorphism induced dysfunctions of the central nervous system. Hippocampus, 2014, 24, 65-78. | 1.9 | 24 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1559 | Fluoxetine-induced regulation of heat shock protein 90 and 14-3-3 μ in human embryonic carcinoma cells. <i>NeuroReport</i> , 2014, 25, 1399-1404. | 1.2 | 2 |
| 1560 | ECT. <i>Journal of ECT</i> , 2014, 30, 143-151. | 0.6 | 123 |
| 1561 | Functional Neuroimaging Changes Subsequent to Electroconvulsive Therapy in Unipolar Depression. <i>Journal of ECT</i> , 2014, 30, 265-274. | 0.6 | 13 |
| 1562 | Resistance to antidepressant drugs. <i>Behavioural Pharmacology</i> , 2014, 25, 352-371. | 1.7 | 29 |
| 1563 | Stem Cells in the Nervous System. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2014, 93, S132-S144. | 1.4 | 28 |
| 1564 | An Antidepressant Decreases CSF A β 2 Production in Healthy Individuals and in Transgenic AD Mice. <i>Science Translational Medicine</i> , 2014, 6, 236re4. | 12.4 | 142 |
| 1565 | Adult Neurogenesis in the Dentate Gyrus. , 2014, , 409-429. | | 2 |
| 1566 | Endogenous Stem Cell-Based Brain Remodeling in Mammals. <i>Pancreatic Islet Biology</i> , 2014, , . | 0.3 | 0 |
| 1567 | Adult Hippocampal Neurogenesis in Parkinson's Disease: Impact on Neuronal Survival and Plasticity. <i>Neural Plasticity</i> , 2014, 2014, 1-12. | 2.2 | 62 |
| 1568 | Effect of Exercise on Oxidative Stress in Neurological Disorders. , 2014, , 287-327. | | 1 |
| 1569 | Space,Time and Memory in the Hippocampal Formation. , 2014, , . | | 20 |
| 1570 | Relevance of the Anti-Inflammatory Properties of Curcumin in Neurodegenerative Diseases and Depression. <i>Molecules</i> , 2014, 19, 20864-20879. | 3.8 | 64 |
| 1571 | Fluoxetine Dose and Administration Method Differentially Affect Hippocampal Plasticity in Adult Female Rats. <i>Neural Plasticity</i> , 2014, 2014, 1-9. | 2.2 | 33 |
| 1572 | Adult Neuroplasticity: More Than 40 Years of Research. <i>Neural Plasticity</i> , 2014, 2014, 1-10. | 2.2 | 166 |
| 1573 | Hippocampal Neurogenesis and Antidepressive Therapy: Shocking Relations. <i>Neural Plasticity</i> , 2014, 2014, 1-14. | 2.2 | 64 |
| 1574 | Pharmacological approaches to improving cognitive function in Down syndrome: current status and considerations. <i>Drug Design, Development and Therapy</i> , 2015, 9, 103. | 4.3 | 87 |
| 1575 | Chronic Fluoxetine Treatment Suppresses Plasticity (Long-Term Potentiation) in the Mature Rodent Primary Auditory Cortex <i>In Vivo</i> . <i>Neural Plasticity</i> , 2014, 2014, 1-9. | 2.2 | 70 |
| 1576 | Protein kinase M $\bar{\eta}$ is involved in the modulatory effect of fluoxetine on hippocampal neurogenesis in vitro. <i>International Journal of Neuropsychopharmacology</i> , 2014, 17, 1429-1441. | 2.1 | 11 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1577 | Allopregnanolone as regenerative therapeutic for Alzheimer's disease: Translational development and clinical promise. <i>Progress in Neurobiology</i> , 2014, 113, 40-55. | 5.7 | 86 |
| 1578 | Hippocampus Atrophy and the Longitudinal Course of Late-life Depression. <i>American Journal of Geriatric Psychiatry</i> , 2014, 22, 1504-1512. | 1.2 | 104 |
| 1579 | Social isolation after stroke leads to depressive-like behavior and decreased BDNF levels in mice. <i>Behavioural Brain Research</i> , 2014, 260, 162-170. | 2.2 | 96 |
| 1580 | The effect of dopamine on adult hippocampal neurogenesis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 50, 116-124. | 4.8 | 68 |
| 1581 | Psychiatric neural networks and neuropharmacology: Selected advances and novel implications. <i>Saudi Pharmaceutical Journal</i> , 2014, 22, 95-100. | 2.7 | 22 |
| 1582 | Dopaminergic manipulations and its effects on neurogenesis and motor function in a transgenic mouse model of Huntington's disease. <i>Neurobiology of Disease</i> , 2014, 66, 19-27. | 4.4 | 15 |
| 1583 | Chemotherapy-induced long-term alteration of executive functions and hippocampal cell proliferation: Role of glucose as adjuvant. <i>Neuropharmacology</i> , 2014, 79, 234-248. | 4.1 | 43 |
| 1584 | Implementing Neuronal Plasticity in NeuroAIDS: the Experience of Brain-derived Neurotrophic Factor and other Neurotrophic Factors. <i>Journal of NeuroImmune Pharmacology</i> , 2014, 9, 80-91. | 4.1 | 16 |
| 1585 | Contrasting effects of chronic, systemic treatment with mTOR inhibitors rapamycin and metformin on adult neural progenitors in mice. <i>Age</i> , 2014, 36, 199-212. | 3.0 | 8 |
| 1586 | Chronic Treatment with the 5-HT1A Receptor Partial Agonist Tandosiprone Increases Hippocampal Neurogenesis. <i>Neurology and Therapy</i> , 2014, 3, 67-77. | 3.2 | 30 |
| 1587 | Cerebellar neurohistology and behavioural effects of gongronema latifolium and rauwolfia vomitoria in mice. <i>Metabolic Brain Disease</i> , 2014, 29, 521-527. | 2.9 | 18 |
| 1588 | Lack of BDNF expression through promoter IV disturbs expression of monoamine genes in the frontal cortex and hippocampus. <i>Neuroscience</i> , 2014, 260, 265-275. | 2.3 | 47 |
| 1589 | Sex differences in anxiety and depression: Role of testosterone. <i>Frontiers in Neuroendocrinology</i> , 2014, 35, 42-57. | 5.2 | 331 |
| 1590 | Prenatal lipopolysaccharide exposure increases depression-like behaviors and reduces hippocampal neurogenesis in adult rats. <i>Behavioural Brain Research</i> , 2014, 259, 24-34. | 2.2 | 97 |
| 1591 | Synaptic regulation of affective behaviors; role of BDNF. <i>Neuropharmacology</i> , 2014, 76, 684-695. | 4.1 | 89 |
| 1592 | The role of glutamate and its receptors in the proliferation, migration, differentiation and survival of neural progenitor cells. <i>Journal of Neural Transmission</i> , 2014, 121, 819-836. | 2.8 | 94 |
| 1593 | Deep-brain magnetic stimulation promotes adult hippocampal neurogenesis and alleviates stress-related behaviors in mouse models for neuropsychiatric disorders. <i>Molecular Brain</i> , 2014, 7, 11. | 2.6 | 51 |
| 1594 | Enriched environment induces beneficial effects on memory deficits and microglial activation in the hippocampus of type 1 diabetic rats. <i>Metabolic Brain Disease</i> , 2014, 29, 93-104. | 2.9 | 29 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1595 | Neurotrophins and Psychiatric Disorders. Handbook of Experimental Pharmacology, 2014, 220, 461-479. | 1.8 | 116 |
| 1596 | The Wnt cries many: Wnt regulation of neurogenesis through tissue patterning, proliferation, and asymmetric cell division. Developmental Neurobiology, 2014, 74, 772-780. | 3.0 | 57 |
| 1597 | Functional dissociation of adult-born neurons along the dorsoventral axis of the dentate gyrus. Hippocampus, 2014, 24, 751-761. | 1.9 | 131 |
| 1599 | Melatonin pretreatment prevented the effect of dexamethasone negative alterations on behavior and hippocampal neurogenesis in the mouse brain. Journal of Steroid Biochemistry and Molecular Biology, 2014, 143, 72-80. | 2.5 | 32 |
| 1600 | Protein-drug interactome analysis of SSRI-mediated neurorecovery following stroke. BioSystems, 2014, 120, 1-9. | 2.0 | 15 |
| 1601 | Hippocampal Neurogenesis Regulates Forgetting During Adulthood and Infancy. Science, 2014, 344, 598-602. | 12.6 | 579 |
| 1602 | Microglial VPAC1R mediates a novel mechanism of neuroimmune-modulation of hippocampal precursor cells via IL-4 release. Glia, 2014, 62, 1313-1327. | 4.9 | 35 |
| 1603 | Stress modulation of hippocampal activity – Spotlight on the dentate gyrus. Neurobiology of Learning and Memory, 2014, 112, 53-60. | 1.9 | 51 |
| 1604 | Inflammation and the developing brain: Consequences for hippocampal neurogenesis and behavior. Neuroscience and Biobehavioral Reviews, 2014, 40, 20-34. | 6.1 | 77 |
| 1605 | Rivastigmine improves hippocampal neurogenesis and depression-like behaviors via 5-HT1A receptor stimulation in olfactory bulbectomized mice. Neuroscience, 2014, 272, 116-130. | 2.3 | 41 |
| 1606 | Stress, serotonin, and hippocampal neurogenesis in relation to depression and antidepressant effects. Neuroscience and Biobehavioral Reviews, 2014, 38, 173-192. | 6.1 | 509 |
| 1607 | Age-dependent role for Ras-GRF1 in the late stages of adult neurogenesis in the dentate gyrus. Hippocampus, 2014, 24, 315-325. | 1.9 | 18 |
| 1608 | Review: Adult neurogenesis and its role in neuropsychiatric disease, brain repair and normal brain function. Neuropathology and Applied Neurobiology, 2014, 40, 3-12. | 3.2 | 70 |
| 1609 | Serotonergic pharmacology in animal models: From behavioral disorders to dyskinesia. Neuropharmacology, 2014, 81, 15-30. | 4.1 | 33 |
| 1610 | Antidepressants reduce neuroinflammatory responses and astroglial alpha-synuclein accumulation in a transgenic mouse model of multiple system atrophy. Glia, 2014, 62, 317-337. | 4.9 | 58 |
| 1611 | Small Molecules Targeting <i>in Vivo</i> Tissue Regeneration. ACS Chemical Biology, 2014, 9, 57-71. | 3.4 | 36 |
| 1612 | Neurogenesis in neurological and psychiatric diseases and brain injury: From bench to bedside. Progress in Neurobiology, 2014, 115, 116-137. | 5.7 | 69 |
| 1613 | Dynamic microglial alterations underlie stress-induced depressive-like behavior and suppressed neurogenesis. Molecular Psychiatry, 2014, 19, 699-709. | 7.9 | 529 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1614 | Novel effects of <i>Rosa damascena</i> extract on memory and neurogenesis in a rat model of Alzheimer's disease. <i>Journal of Neuroscience Research</i> , 2014, 92, 517-530. | 2.9 | 35 |
| 1615 | Hippocampal volume in relation to clinical and cognitive outcome after electroconvulsive therapy in depression. <i>Acta Psychiatrica Scandinavica</i> , 2014, 129, 303-311. | 4.5 | 100 |
| 1616 | Effects of Chronic Oestradiol, Progesterone and Medroxyprogesterone Acetate on Hippocampal Neurogenesis and Adrenal Mass in Adult Female Rats. <i>Journal of Neuroendocrinology</i> , 2014, 26, 386-399. | 2.6 | 56 |
| 1617 | The Antidepressant Tranylcypromine Alters Cellular Proliferation and Migration in the Adult Goldfish Brain. <i>Anatomical Record</i> , 2014, 297, 1919-1926. | 1.4 | 2 |
| 1618 | MicroRNAs and Epigenetics in Adult Neurogenesis. <i>Advances in Genetics</i> , 2014, 86, 27-44. | 1.8 | 49 |
| 1619 | Long-term effects of pre and post-ischemic exercise following global cerebral ischemia on astrocyte and microglia functions in hippocampus from Wistar rats. <i>Brain Research</i> , 2014, 1587, 119-126. | 2.2 | 11 |
| 1620 | Impact of Social Status and Antidepressant Treatment on Neurogenesis in the Baboon Hippocampus. <i>Neuropsychopharmacology</i> , 2014, 39, 1861-1871. | 5.4 | 60 |
| 1621 | A ventral view on antidepressant action: roles for adult hippocampal neurogenesis along the dorsoventral axis. <i>Trends in Pharmacological Sciences</i> , 2014, 35, 675-687. | 8.7 | 161 |
| 1622 | Nitric Oxide Regulation of Adult Neurogenesis. <i>Vitamins and Hormones</i> , 2014, 96, 59-77. | 1.7 | 9 |
| 1623 | P7C3 Neuroprotective Chemicals Function by Activating the Rate-Limiting Enzyme in NAD Salvage. <i>Cell</i> , 2014, 158, 1324-1334. | 28.9 | 199 |
| 1624 | Sex, drugs, and adult neurogenesis: Sex-dependent effects of escalating adolescent cannabinoid exposure on adult hippocampal neurogenesis, stress reactivity, and amphetamine sensitization. <i>Hippocampus</i> , 2014, 24, 280-292. | 1.9 | 44 |
| 1625 | Disease modifying effect of chronic oral treatment with a neurotrophic peptidergic compound in a triple transgenic mouse model of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2014, 71, 110-130. | 4.4 | 71 |
| 1626 | The effects of chronic stress on hippocampal adult neurogenesis and dendritic plasticity are reversed by selective MAO-A inhibition. <i>Journal of Psychopharmacology</i> , 2014, 28, 1178-1183. | 4.0 | 57 |
| 1627 | Mechanisms for Interferon- γ -Induced Depression and Neural Stem Cell Dysfunction. <i>Stem Cell Reports</i> , 2014, 3, 73-84. | 4.8 | 61 |
| 1628 | Ondansetron, a 5HT ₃ receptor antagonist reverses depression and anxiety-like behavior in streptozotocin-induced diabetic mice: Possible implication of serotonergic system. <i>European Journal of Pharmacology</i> , 2014, 744, 59-66. | 3.5 | 34 |
| 1629 | Regulation and Function of Adult Neurogenesis: From Genes to Cognition. <i>Physiological Reviews</i> , 2014, 94, 991-1026. | 28.8 | 516 |
| 1630 | Activity-dependent signaling mechanisms regulating adult hippocampal neural stem cells and their progeny. <i>Neuroscience Bulletin</i> , 2014, 30, 542-556. | 2.9 | 25 |
| 1631 | Mice Genetically Depleted of Brain Serotonin Do Not Display a Depression-like Behavioral Phenotype. <i>ACS Chemical Neuroscience</i> , 2014, 5, 908-919. | 3.5 | 49 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1632 | What keeps a body moving? The brain-derived neurotrophic factor val66met polymorphism and intrinsic motivation to exercise in humans. <i>Journal of Behavioral Medicine</i> , 2014, 37, 1180-1192. | 2.1 | 25 |
| 1633 | Review: Environmental enrichment and brain repair: harnessing the therapeutic effects of cognitive stimulation and physical activity to enhance experienceâ€dependent plasticity. <i>Neuropathology and Applied Neurobiology</i> , 2014, 40, 13-25. | 3.2 | 197 |
| 1634 | Peripheral Neuromodulation: A Review. <i>Current Pain and Headache Reports</i> , 2014, 18, 412. | 2.9 | 60 |
| 1635 | Epigenetic and epistatic interactions between serotonin transporter and brain-derived neurotrophic factor genetic polymorphism: Insights in depression. <i>Neuroscience</i> , 2014, 275, 455-468. | 2.3 | 57 |
| 1636 | Single episode of mild murine malaria induces neuroinflammation, alters microglial profile, impairs adult neurogenesis, and causes deficits in social and anxiety-like behavior. <i>Brain, Behavior, and Immunity</i> , 2014, 42, 123-137. | 4.1 | 32 |
| 1637 | Antidepressant-like effect of <i>Butea superba</i> in mice exposed to chronic mild stress and its possible mechanism of action. <i>Journal of Ethnopharmacology</i> , 2014, 156, 16-25. | 4.1 | 42 |
| 1638 | Adult Hippocampal Neurogenesis in Depression: Behavioral Implications and Regulation by the Stress System. <i>Current Topics in Behavioral Neurosciences</i> , 2014, 18, 25-43. | 1.7 | 42 |
| 1639 | Wnt signaling in neuropsychiatric disorders: Ties with adult hippocampal neurogenesis and behavior. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 47, 369-383. | 6.1 | 71 |
| 1640 | The Role of Omega-3 Fatty Acids in Hippocampal Neurogenesis. , 2014, , 251-263. | | 0 |
| 1641 | Functions and Dysfunctions of Adult Hippocampal Neurogenesis. <i>Annual Review of Neuroscience</i> , 2014, 37, 243-262. | 10.7 | 344 |
| 1642 | The effect of Chaihu-Shugan-San and its components on the expression of ERK5 in the hippocampus of depressed rats. <i>Journal of Ethnopharmacology</i> , 2014, 152, 320-326. | 4.1 | 33 |
| 1643 | Anti-depressive mechanism of repetitive transcranial magnetic stimulation in rat: The role of the endocannabinoid system. <i>Journal of Psychiatric Research</i> , 2014, 51, 79-87. | 3.1 | 57 |
| 1644 | Augmentation of response and remission to serial intravenous subanesthetic ketamine in treatment resistant depression. <i>Journal of Affective Disorders</i> , 2014, 155, 123-129. | 4.1 | 179 |
| 1645 | Molecular imaging of the serotonin 5-HT7 receptors: from autoradiography to positron emission tomography. <i>Reviews in the Neurosciences</i> , 2014, 25, 357-65. | 2.9 | 6 |
| 1646 | Modulatory effects following subchronic stimulation of brain 5-HT7-R system in mice and rats. <i>Reviews in the Neurosciences</i> , 2014, 25, 383-400. | 2.9 | 18 |
| 1647 | The expression and roles of Nde1 and Ndel1 in the adult mammalian central nervous system. <i>Neuroscience</i> , 2014, 271, 119-136. | 2.3 | 15 |
| 1648 | Forced swim and chronic variable stress reduced hippocampal cell survival in OVX female rats. <i>Behavioural Brain Research</i> , 2014, 270, 248-255. | 2.2 | 17 |
| 1649 | Fluoxetine in adulthood normalizes GABA release and rescues hippocampal synaptic plasticity and spatial memory in a mouse model of Down Syndrome. <i>Neurobiology of Disease</i> , 2014, 63, 12-19. | 4.4 | 56 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1650 | Beneficial In Vivo Effect of Aripiprazole on Neuronal Regeneration Following Neuronal Loss in the Dentate Gyrus: Evaluation Using a Mouse Model of Trimethyltin-Induced Neuronal Loss/Self-Repair in the Dentate Gyrus. <i>Journal of Pharmacological Sciences</i> , 2014, 124, 99-111. | 2.5 | 16 |
| 1651 | Evaluation of the Impact of the Cancer Therapy Everolimus on the Central Nervous System in Mice. <i>PLoS ONE</i> , 2014, 9, e113533. | 2.5 | 13 |
| 1652 | Adult Neurogenesis and Dendritic Remodeling in Hippocampal Plasticity: Which One is more Important?. <i>Cell Transplantation</i> , 2014, 23, 471-479. | 2.5 | 7 |
| 1653 | Neurotic depression as the missing link: old wine with a new twist on anxiety and major depressive disorder. <i>Epidemiology and Psychiatric Sciences</i> , 2015, 24, 230-232. | 3.9 | 2 |
| 1655 | Metabolomic identification of biochemical changes induced by fluoxetine and imipramine in a chronic mild stress mouse model of depression. <i>Scientific Reports</i> , 2015, 5, 8890. | 3.3 | 59 |
| 1656 | The Beyond Ageing Project Phase 2 - a double-blind, selective prevention, randomised, placebo-controlled trial of omega-3 fatty acids and sertraline in an older age cohort at risk for depression: study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 247. | 1.6 | 14 |
| 1657 | Long-term consequences of chronic fluoxetine exposure on the expression of myelination-related genes in the rat hippocampus. <i>Translational Psychiatry</i> , 2015, 5, e642-e642. | 4.8 | 24 |
| 1658 | Developmental diseases-an introduction to the neurological human (in motion). <i>American Ethnologist</i> , 2015, 42, 161-174. | 1.6 | 10 |
| 1659 | Electroconvulsive seizures (ECS) do not prevent LPS-induced behavioral alterations and microglial activation. <i>Journal of Neuroinflammation</i> , 2015, 12, 232. | 7.2 | 13 |
| 1660 | Stress Increases the Negative Effects of Chronic Pain on Hippocampal Neurogenesis. <i>Anesthesia and Analgesia</i> , 2015, 121, 1078-1088. | 2.2 | 30 |
| 1661 | Effect of electroconvulsive seizures on pattern separation. <i>Hippocampus</i> , 2015, 25, 1351-1360. | 1.9 | 5 |
| 1662 | Effects of long-term agomelatine treatment on the cognitive performance and hippocampal plasticity of adult rats. <i>Behavioural Pharmacology</i> , 2015, 26, 469-480. | 1.7 | 17 |
| 1663 | Long-term morphine addiction reduces neurogenesis and memory performance and alters emotional reactivity and anxiety levels in male rats. <i>Open Access Animal Physiology</i> , 0, , 129. | 0.3 | 4 |
| 1664 | The impact of the duration of an untreated episode on improvement of depression and somatic symptoms. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 2245. | 2.2 | 13 |
| 1665 | Serum BDNF: A Potential Biomarker for Major Depressive Disorder and Antidepressant Response Prediction. <i>Journal of Depression & Anxiety</i> , 2015, 04, . | 0.1 | 9 |
| 1667 | Systemic Inflammation and the Brain: Novel Roles of Genetic, Molecular, and Environmental Cues as Drivers of Neurodegeneration. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 28. | 3.7 | 248 |
| 1668 | Detrimental role of prolonged sleep deprivation on adult neurogenesis. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 140. | 3.7 | 33 |
| 1669 | Gene-environment interaction in programming hippocampal plasticity: focus on adult neurogenesis. <i>Frontiers in Molecular Neuroscience</i> , 2015, 8, 41. | 2.9 | 18 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1670 | The effect of immature adult-born dentate granule cells on hyponeophagial behavior is related to their roles in learning and memory. <i>Frontiers in Systems Neuroscience</i> , 2015, 9, 34. | 2.5 | 14 |
| 1671 | Reparative neurogenesis after cerebral ischemia: Clinical application prospects. , 2015, , . | | 3 |
| 1672 | Stress, glucocorticoid hormones, and hippocampal neural progenitor cells: implications to mood disorders. <i>Frontiers in Physiology</i> , 2015, 6, 230. | 2.8 | 83 |
| 1673 | Neurotrophic Factors and Major Depressive Disorder. , 0, , . | | 2 |
| 1674 | Hippocampal Morphology in a Rat Model of Depression: The Effects of Physical Activity. <i>Open Neuroimaging Journal</i> , 2015, 9, 1-6. | 0.2 | 17 |
| 1675 | Role of the 5-HT4 receptor in chronic fluoxetine treatment-induced neurogenic activity and granule cell dematuration in the dentate gyrus. <i>Molecular Brain</i> , 2015, 8, 29. | 2.6 | 49 |
| 1676 | Effects of combined nicotine and fluoxetine treatment on adult hippocampal neurogenesis and conditioned place preference. <i>Neuroscience</i> , 2015, 300, 104-115. | 2.3 | 12 |
| 1677 | Hippocampal Neurogenesis in Neurodegenerative Movement Disorders. <i>Pancreatic Islet Biology</i> , 2015, , 79-105. | 0.3 | 0 |
| 1678 | Antidepressant action via the nitric oxide system: A pilot study in an acute depressive model induced by arginin.. <i>Neuroscience Letters</i> , 2015, 599, 69-74. | 2.1 | 10 |
| 1679 | Antidepressant-like effect of food-derived pyroglutamyl peptides in mice. <i>Neuropeptides</i> , 2015, 51, 25-29. | 2.2 | 28 |
| 1680 | Role of Adult Hippocampal Neurogenesis in Cognition in Physiology and Disease: Pharmacological Targets and Biomarkers. <i>Handbook of Experimental Pharmacology</i> , 2015, 228, 99-155. | 1.8 | 41 |
| 1681 | Changes in cognitive symptoms after a buspironeâ€melatonin combination treatment for Major Depressive Disorder. <i>Journal of Psychiatric Research</i> , 2015, 68, 392-396. | 3.1 | 23 |
| 1682 | Hippocampal Gene Expression Is Highly Responsive to Estradiol Replacement in Middle-Aged Female Rats. <i>Endocrinology</i> , 2015, 156, 2632-2645. | 2.8 | 51 |
| 1683 | Biomarker approaches in major depressive disorder evaluated in the context of current hypotheses. <i>Biomarkers in Medicine</i> , 2015, 9, 277-297. | 1.4 | 59 |
| 1684 | Selective serotonin reuptake inhibitors to improve outcome in acute ischemic stroke: possible mechanisms and clinical evidence. <i>Brain and Behavior</i> , 2015, 5, e00373. | 2.2 | 70 |
| 1685 | Western diet is associated with a smaller hippocampus: a longitudinal investigation. <i>BMC Medicine</i> , 2015, 13, 215. | 5.5 | 188 |
| 1686 | Forkhead box O transcription factors as possible mediators in the development of major depression. <i>Neuropharmacology</i> , 2015, 99, 527-537. | 4.1 | 50 |
| 1687 | Neuroplasticity-dependent and -independent mechanisms of chronic deep brain stimulation in stressed rats. <i>Translational Psychiatry</i> , 2015, 5, e674-e674. | 4.8 | 59 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1688 | Sphingolipids in Major Depression. <i>NeuroSignals</i> , 2015, 23, 49-58. | 0.9 | 24 |
| 1689 | Fingolimod induces neurogenesis in adult mouse hippocampus and improves contextual fear memory. <i>Translational Psychiatry</i> , 2015, 5, e685-e685. | 4.8 | 46 |
| 1690 | Rodent models of treatment-resistant depression. <i>European Journal of Pharmacology</i> , 2015, 753, 51-65. | 3.5 | 44 |
| 1691 | ECT and Striatal Plasticity. <i>Brain Stimulation</i> , 2015, 8, 166-167. | 1.6 | 2 |
| 1692 | Blockade of 2-araachidonoylglycerol hydrolysis produces antidepressant-like effects and enhances adult hippocampal neurogenesis and synaptic plasticity. <i>Hippocampus</i> , 2015, 25, 16-26. | 1.9 | 73 |
| 1693 | Role of adult hippocampal neurogenesis in stress resilience. <i>Neurobiology of Stress</i> , 2015, 1, 147-155. | 4.0 | 165 |
| 1694 | The cognitive neuropsychological model of antidepressant response. <i>Current Opinion in Psychology</i> , 2015, 4, 124-130. | 4.9 | 5 |
| 1696 | Chronically Restricted or Disrupted Sleep as a Causal Factor in the Development of Depression. <i>Current Topics in Behavioral Neurosciences</i> , 2015, 25, 459-481. | 1.7 | 79 |
| 1697 | Subacute administration of fluoxetine prevents short-term brain hypometabolism and reduces brain damage markers induced by the lithium-pilocarpine model of epilepsy in rats. <i>Brain Research Bulletin</i> , 2015, 111, 36-47. | 3.0 | 25 |
| 1698 | Role of Hippocampus Mitogen-Activated Protein Kinase Phosphatase-1 mRNA Expression and DNA Methylation in the Depression of the Rats with Chronic Unpredicted Stress. <i>Cellular and Molecular Neurobiology</i> , 2015, 35, 473-482. | 3.3 | 7 |
| 1699 | GABAergic Control of Depression-Related Brain States. <i>Advances in Pharmacology</i> , 2015, 73, 97-144. | 2.0 | 107 |
| 1700 | Effect of the multimodal acting antidepressant vortioxetine on rat hippocampal plasticity and recognition memory. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 58, 38-46. | 4.8 | 51 |
| 1701 | The new DSM-5 diagnosis of mild neurocognitive disorder and its relation to research in mild cognitive impairment. <i>Aging and Mental Health</i> , 2015, 19, 2-12. | 2.8 | 107 |
| 1702 | Chronic Fluoxetine Increases Extra-Hippocampal Neurogenesis in Adult Mice. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyu029-pyu029. | 2.1 | 28 |
| 1703 | Dentate gyrus-CA3 glutamate release/NMDA transmission mediates behavioral despair and antidepressant-like responses to leptin. <i>Molecular Psychiatry</i> , 2015, 20, 509-519. | 7.9 | 40 |
| 1704 | Characterization of bipolar disorder patient-specific induced pluripotent stem cells from a family reveals neurodevelopmental and mRNA expression abnormalities. <i>Molecular Psychiatry</i> , 2015, 20, 703-717. | 7.9 | 164 |
| 1705 | Psychopharmacology of atypical antipsychotic drugs: From the receptor binding profile to neuroprotection and neurogenesis. <i>Psychiatry and Clinical Neurosciences</i> , 2015, 69, 243-258. | 1.8 | 138 |
| 1706 | The Anxiolytic and Antidepressant-like Effects of Testosterone and Estrogen in Gonadectomized Male Rats. <i>Biological Psychiatry</i> , 2015, 78, 259-269. | 1.3 | 88 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1707 | Inhibition of MAPK/ERK signaling blocks hippocampal neurogenesis and impairs cognitive performance in prenatally infected neonatal rats. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015, 265, 497-509. | 3.2 | 33 |
| 1708 | Fluoxetine Regulates Neurogenesis In Vitro Through Modulation of GSK-3 β /Catenin Signaling. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyu099-pyu099. | 2.1 | 58 |
| 1710 | Fluoxetine enhanced neurogenesis is not translated to functional outcome in stroke rats. <i>Neuroscience Letters</i> , 2015, 603, 31-36. | 2.1 | 14 |
| 1711 | Adolescent olanzapine sensitization is correlated with hippocampal stem cell proliferation in a maternal immune activation rat model of schizophrenia. <i>Brain Research</i> , 2015, 1618, 122-135. | 2.2 | 16 |
| 1712 | Harm avoidance involved in mediating the association between nerve growth factor (NGF) gene polymorphisms and antidepressant efficacy in patients with major depressive disorder. <i>Journal of Affective Disorders</i> , 2015, 183, 187-194. | 4.1 | 7 |
| 1713 | Quetiapine and repetitive transcranial magnetic stimulation ameliorate depression-like behaviors and up-regulate the proliferation of hippocampal-derived neural stem cells in a rat model of depression: The involvement of the BDNF/ERK signal pathway. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 136, 39-46. | 2.9 | 43 |
| 1714 | Norbin ablation results in defective adult hippocampal neurogenesis and depressive-like behavior in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9745-9750. | 7.1 | 51 |
| 1715 | Sarcopenia and the Common Mental Disorders: a Potential Regulatory Role of Skeletal Muscle on Brain Function?. <i>Current Osteoporosis Reports</i> , 2015, 13, 351-357. | 3.6 | 65 |
| 1716 | Antidepressant-like Effects of Electroconvulsive Seizures Require Adult Neurogenesis in a Neuroendocrine Model of Depression. <i>Brain Stimulation</i> , 2015, 8, 862-867. | 1.6 | 70 |
| 1717 | Sigma receptors [σ Rs]: biology in normal and diseased states. <i>Journal of Receptor and Signal Transduction Research</i> , 2016, 36, 1-62. | 2.5 | 89 |
| 1718 | FAS -670A>G genetic polymorphism Is associated with Treatment Resistant Depression. <i>Journal of Affective Disorders</i> , 2015, 185, 164-169. | 4.1 | 9 |
| 1719 | Neurogenesis in the Adult Avian Song-Control System. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a019000. | 5.5 | 68 |
| 1720 | White Matter Hyperintensity Accumulation During Treatment of Late-Life Depression. <i>Neuropsychopharmacology</i> , 2015, 40, 3027-3035. | 5.4 | 39 |
| 1721 | Neurodifferentiating Potential of 8-Prenylnaringenin and Related Compounds in Neural Precursor Cells and Correlation with Estrogen-Like Activity. <i>Planta Medica</i> , 2015, 81, 305-311. | 1.3 | 12 |
| 1722 | Hippocampal learning, memory, and neurogenesis: Effects of sex and estrogens across the lifespan in adults. <i>Hormones and Behavior</i> , 2015, 74, 37-52. | 2.1 | 152 |
| 1723 | SKF83959 Produces Antidepressant Effects in a Chronic Social Defeat Stress Model of Depression through BDNF-TrkB Pathway. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, . | 2.1 | 40 |
| 1724 | Multiparity-induced enhancement of hippocampal neurogenesis and spatial memory depends on ovarian hormone status in middle age. <i>Neurobiology of Aging</i> , 2015, 36, 2391-2405. | 3.1 | 60 |
| 1725 | The effects of acute and chronic administration of phosphatidylserine on cell proliferation and survival in the dentate gyrus of adult and middle-aged rats. <i>Brain Research</i> , 2015, 1609, 72-81. | 2.2 | 11 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1726 | Potential roles for Homer1 and Spinophilin in the preventive effect of electroconvulsive seizures on stress-induced CA3c dendritic retraction in the hippocampus. <i>European Neuropsychopharmacology</i> , 2015, 25, 1324-1331. | 0.7 | 18 |
| 1727 | Effect of sub-optimal doses of fluoxetine plus estradiol on antidepressant-like behavior and hippocampal neurogenesis in ovariectomized rats. <i>Psychoneuroendocrinology</i> , 2015, 57, 113-124. | 2.7 | 20 |
| 1728 | Chronic treatment with tandospirone, a serotonin 1A receptor partial agonist, inhibits psychosocial stress-induced changes in hippocampal neurogenesis and behavior. <i>Journal of Affective Disorders</i> , 2015, 180, 1-9. | 4.1 | 25 |
| 1729 | Fear Generalization and Anxiety: Behavioral and Neural Mechanisms. <i>Biological Psychiatry</i> , 2015, 78, 336-343. | 1.3 | 343 |
| 1730 | Affect of antidepressants on the in vitro differentiation of rat bone marrow mesenchymal stem cells into neuronal cells. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 73, 81-87. | 4.0 | 10 |
| 1731 | An excitatory synapse hypothesis of depression. <i>Trends in Neurosciences</i> , 2015, 38, 279-294. | 8.6 | 221 |
| 1732 | Motor and behavioral phenotype in conditional mutants with targeted ablation of cortical D1 dopamine receptor-expressing cells. <i>Neurobiology of Disease</i> , 2015, 76, 137-158. | 4.4 | 9 |
| 1733 | Changes in adult neurogenesis in the hippocampus during depressive disorders in humans. <i>Neurochemical Journal</i> , 2015, 9, 8-12. | 0.5 | 2 |
| 1734 | Chronic intestinal inflammation alters hippocampal neurogenesis. <i>Journal of Neuroinflammation</i> , 2015, 12, 65. | 7.2 | 133 |
| 1735 | Aberrant hippocampal neurogenesis after limbic kindling: Relationship to BDNF and hippocampal-dependent memory. <i>Epilepsy and Behavior</i> , 2015, 47, 83-92. | 1.7 | 39 |
| 1736 | Repeated, high-dose dextromethorphan treatment decreases neurogenesis and results in depression-like behavior in rats. <i>Experimental Brain Research</i> , 2015, 233, 2205-2214. | 1.5 | 12 |
| 1737 | Hippocampal transcriptional and neurogenic changes evoked by combination yohimbine and imipramine treatment. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 61, 1-9. | 4.8 | 5 |
| 1738 | Postnatal Loss of Hap1 Reduces Hippocampal Neurogenesis and Causes Adult Depressive-Like Behavior in Mice. <i>PLoS Genetics</i> , 2015, 11, e1005175. | 3.5 | 21 |
| 1739 | The benefit of combined acupuncture and antidepressant medication for depression: A systematic review and meta-analysis. <i>Journal of Affective Disorders</i> , 2015, 176, 106-117. | 4.1 | 107 |
| 1740 | Increasing Adult Hippocampal Neurogenesis is Sufficient to Reduce Anxiety and Depression-Like Behaviors. <i>Neuropsychopharmacology</i> , 2015, 40, 2368-2378. | 5.4 | 440 |
| 1741 | Fluoxetine induces input-specific hippocampal dendritic spine remodeling along the septotemporal axis in adulthood and middle age. <i>Hippocampus</i> , 2015, 25, 1429-1446. | 1.9 | 33 |
| 1742 | Astroglial Control of the Antidepressant-Like Effects of Prefrontal Cortex Deep Brain Stimulation. <i>EBioMedicine</i> , 2015, 2, 898-908. | 6.1 | 48 |
| 1743 | Alterations of neuronal precursor cells in stages of human adult neurogenesis in heroin addicts. <i>Drug and Alcohol Dependence</i> , 2015, 156, 139-149. | 3.2 | 35 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------|-----------|
| 1744 | Ablation of hippocampal neurogenesis in mice impairs the response to stress during the dark cycle. Nature Communications, 2015, 6, 8373. | 12.8 | 60 |
| 1745 | Immune and neurotrophin stimulation by electroconvulsive therapy: is some inflammation needed after all?. Translational Psychiatry, 2015, 5, e609-e609. | 4.8 | 71 |
| 1746 | 5-HT1A receptors on mature dentate gyrus granule cells are critical for the antidepressant response. Nature Neuroscience, 2015, 18, 1606-1616. | 14.8 | 156 |
| 1747 | Antidepressants for neuroprotection in Huntington's disease: A review. European Journal of Pharmacology, 2015, 769, 33-42. | 3.5 | 20 |
| 1748 | The cellular target of antidepressants. Nature Neuroscience, 2015, 18, 1537-1538. | 14.8 | 9 |
| 1749 | Rethinking canonical cortical circuits. Nature Neuroscience, 2015, 18, 1538-1538. | 14.8 | 8 |
| 1750 | Behavioral inhibition in childhood predicts smaller hippocampal volume in adolescent offspring of parents with panic disorder. Translational Psychiatry, 2015, 5, e605-e605. | 4.8 | 16 |
| 1751 | Effects of Antidepressants on DSP4/CPT-Induced DNA Damage Response in Neuroblastoma SH-SY5Y Cells. Neurotoxicity Research, 2015, 28, 154-170. | 2.7 | 7 |
| 1752 | Perspectives on thyroid hormone action in adult neurogenesis. Journal of Neurochemistry, 2015, 133, 599-616. | 3.9 | 58 |
| 1753 | Functional Differentiation of Adult-Born Neurons along the Septotemporal Axis of the Dentate Gyrus: Figure 1.. Cold Spring Harbor Perspectives in Biology, 2015, 7, a018978. | 5.5 | 51 |
| 1754 | A central role for the acid sphingomyelinase/ceramide system in neurogenesis and major depression. Journal of Neurochemistry, 2015, 134, 183-192. | 3.9 | 67 |
| 1755 | Protein Kinase C Inhibition Rescues Manic-Like Behaviors and Hippocampal Cell Proliferation Deficits in the Sleep Deprivation Model of Mania. International Journal of Neuropsychopharmacology, 2015, 18, . | 2.1 | 37 |
| 1756 | Synergistic effects of diet and exercise on hippocampal function in chronically stressed mice. Neuroscience, 2015, 308, 180-193. | 2.3 | 29 |
| 1757 | Deletion of GIRK2 Subunit of GIRK Channels Alters the 5-HT _{1A} Receptor-Mediated Signaling and Results in a Depression-Resistant Behavior. International Journal of Neuropsychopharmacology, 2015, 18, pyv051. | 2.1 | 34 |
| 1758 | The antidepressant mechanism of action of vagus nerve stimulation: Evidence from preclinical studies. Neuroscience and Biobehavioral Reviews, 2015, 56, 26-34. | 6.1 | 60 |
| 1759 | Current Neurogenic and Neuroprotective Strategies to Prevent and Treat Neurodegenerative and Neuropsychiatric Disorders. NeuroMolecular Medicine, 2015, 17, 404-422. | 3.4 | 8 |
| 1760 | Cell proliferation in the cochlear nucleus following acoustic trauma in rat. Neuroscience, 2015, 303, 524-534. | 2.3 | 6 |
| 1761 | Relationship between the catechol-O-methyl transferase Val108/158Met genotype and brain volume in treatment-naïve major depressive disorder: Voxel-based morphometry analysis. Psychiatry Research - Neuroimaging, 2015, 233, 481-487. | 1.8 | 44 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1762 | The Effects of Pretreatment versus De Novo Treatment with Selective Serotonin Reuptake Inhibitors on Short-term Outcome after Acute Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 1886-1892. | 1.6 | 17 |
| 1763 | Indole-2-carboxamide derivatives: a patent evaluation of WO2015036412A1. <i>Expert Opinion on Therapeutic Patents</i> , 2015, 25, 1487-1494. | 5.0 | 1 |
| 1764 | Neuronal correlates of depression. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 4825-4848. | 5.4 | 101 |
| 1765 | Degeneration and Regeneration of <scp>GABA</scp>ergic Interneurons in the Dentate Gyrus of Adult Mice in Experimental Models of Epilepsy. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 52-60. | 3.9 | 18 |
| 1766 | Influence of enrichment on behavioral and neurogenic effects of antidepressants in Wistar rats submitted to repeated forced swim test. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 58, 15-21. | 4.8 | 27 |
| 1767 | Rapid-onset antidepressant efficacy of glutamatergic system modulators: The neural plasticity hypothesis of depression. <i>Neuroscience Bulletin</i> , 2015, 31, 75-86. | 2.9 | 37 |
| 1768 | Developmental exposure to SSRIs, in addition to maternal stress, has long-term sex-dependent effects on hippocampal plasticity. <i>Psychopharmacology</i> , 2015, 232, 1231-1244. | 3.1 | 56 |
| 1769 | Interaction of Paroxetine with Mitochondrial Proteins Mediates Neuroprotection. <i>Neurotherapeutics</i> , 2015, 12, 200-216. | 4.4 | 27 |
| 1771 | How does ketamine elicit a rapid antidepressant response?. <i>Current Opinion in Pharmacology</i> , 2015, 20, 35-39. | 3.5 | 96 |
| 1772 | Inhibitory Effects of Bisphenol-A on Neural Stem Cells Proliferation and Differentiation in the Rat Brain Are Dependent on Wnt/ β 2-Catenin Pathway. <i>Molecular Neurobiology</i> , 2015, 52, 1735-1757. | 4.0 | 82 |
| 1773 | The P7C3 class of neuroprotective compounds exerts antidepressant efficacy in mice by increasing hippocampal neurogenesis. <i>Molecular Psychiatry</i> , 2015, 20, 500-508. | 7.9 | 119 |
| 1774 | Integrating the monoamine, neurotrophin and cytokine hypotheses of depression – A central role for the serotonin transporter?. , 2015, 147, 1-11. | | 126 |
| 1775 | Early-life exposure to the SSRI paroxetine exacerbates depression-like behavior in anxiety/depression-prone rats. <i>Neuroscience</i> , 2015, 284, 775-797. | 2.3 | 60 |
| 1776 | Activity-regulated gene expression in immature neurons in the dentate gyrus following re-exposure to a cocaine-paired environment. <i>Hippocampus</i> , 2015, 25, 354-362. | 1.9 | 10 |
| 1777 | Prior high corticosterone exposure reduces activation of immature neurons in the ventral hippocampus in response to spatial and nonspatial memory. <i>Hippocampus</i> , 2015, 25, 329-344. | 1.9 | 39 |
| 1778 | Structural abnormality of the hippocampus associated with depressive symptoms in heart failure rats. <i>NeuroImage</i> , 2015, 105, 84-92. | 4.2 | 35 |
| 1779 | The 5-HT3 receptor is essential for exercise-induced hippocampal neurogenesis and antidepressant effects. <i>Molecular Psychiatry</i> , 2015, 20, 1428-1437. | 7.9 | 72 |
| 1780 | Neural stem cells in Parkinson's disease: a role for neurogenesis defects in onset and progression. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 773-797. | 5.4 | 85 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 1781 | The postnatal origin of adult neural stem cells and the effects of glucocorticoids on their genesis. Behavioural Brain Research, 2015, 279, 166-176. | 2.2 | 14 |
| 1782 | The effects of lobeline on depression-like behavior and hippocampal cell proliferation following chronic stress in mice. Neuroscience Letters, 2015, 584, 7-11. | 2.1 | 14 |
| 1783 | Chronic Amitriptyline Treatment Attenuates Nigrostriatal Degeneration and Significantly Alters Trophic Support in a Rat Model of Parkinsonism. Neuropsychopharmacology, 2015, 40, 874-883. | 5.4 | 21 |
| 1784 | Adult Neurogenesis and Mental Illness. Neuropsychopharmacology, 2015, 40, 113-128. | 5.4 | 147 |
| 1785 | The selective noradrenergic reuptake inhibitor reboxetine restores spatial learning deficits, biochemical changes, and hippocampal synaptic plasticity in an animal model of depression. Journal of Neuroscience Research, 2015, 93, 104-120. | 2.9 | 22 |
| 1786 | GABAA receptor-acting neurosteroids: A role in the development and regulation of the stress response. Frontiers in Neuroendocrinology, 2015, 36, 28-48. | 5.2 | 121 |
| 1787 | Faster, better, stronger: Towards new antidepressant therapeutic strategies. European Journal of Pharmacology, 2015, 753, 32-50. | 3.5 | 77 |
| 1788 | Treatment of cognitive dysfunction in major depressive disorder—a review of the preclinical evidence for efficacy of selective serotonin reuptake inhibitors, serotonin/norepinephrine reuptake inhibitors and the multimodal-acting antidepressant vortioxetine. European Journal of Pharmacology, 2015, 753, 19-31. | 3.5 | 75 |
| 1789 | The current state of the neurogenic theory of depression and anxiety. Current Opinion in Neurobiology, 2015, 30, 51-58. | 4.2 | 314 |
| 1790 | Electroconvulsive stimulation, but not chronic restraint stress, causes structural alterations in adult rat hippocampus—A stereological study. Hippocampus, 2015, 25, 72-80. | 1.9 | 14 |
| 1791 | The role of serotonin in adult hippocampal neurogenesis. Behavioural Brain Research, 2015, 277, 49-57. | 2.2 | 144 |
| 1792 | The dilemma of treatments for epileptic patients with depression. International Journal of Neuroscience, 2015, 125, 566-577. | 1.6 | 7 |
| 1793 | Novel Targets in the Glutamate and Nitric Oxide Neurotransmitter Systems for the Treatment of Depression. , 2016, , 81-113. | | 6 |
| 1794 | PT627. Effect of Antidepressant Treatment on BDNF concentrations in Patients with Somatization Disorders. International Journal of Neuropsychopharmacology, 2016, 19, 30-30. | 2.1 | 0 |
| 1795 | Harmine stimulates proliferation of human neural progenitors. PeerJ, 2016, 4, e2727. | 2.0 | 64 |
| 1797 | New Hippocampal Neurons Mature Rapidly in Response to Ketamine But Are Not Required for Its Acute Antidepressant Effects on Neophagia in Rats. ENeuro, 2016, 3, ENEURO.0116-15.2016. | 1.9 | 54 |
| 1798 | PT629. The investigation of the antinociceptive effect and mechanisms of action of curcumin in mice. International Journal of Neuropsychopharmacology, 2016, 19, 30-31. | 2.1 | 0 |
| 1799 | Acute Stress and Anxiety. , 2016, , 207-228. | | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1800 | PT626. Role of SSRIs using in treatment of low back pain. International Journal of Neuropsychopharmacology, 2016, 19, 29-30. | 2.1 | 1 |
| 1801 | Comorbidity Factors and Brain Mechanisms Linking Chronic Stress and Systemic Illness. Neural Plasticity, 2016, 2016, 1-16. | 2.2 | 58 |
| 1802 | Insights into the Biology and Therapeutic Applications of Neural Stem Cells. Stem Cells International, 2016, 2016, 1-18. | 2.5 | 21 |
| 1803 | Exosomes as Novel Regulators of Adult Neurogenic Niches. Frontiers in Cellular Neuroscience, 2015, 9, 501. | 3.7 | 108 |
| 1804 | Neurogenesis-Promoting Natural Product Î±-Asarone Modulates Morphological Dynamics of Activated Microglia. Frontiers in Cellular Neuroscience, 2016, 10, 280. | 3.7 | 18 |
| 1805 | Aerobic Exercise as a Tool to Improve Hippocampal Plasticity and Function in Humans: Practical Implications for Mental Health Treatment. Frontiers in Human Neuroscience, 2016, 10, 373. | 2.0 | 98 |
| 1806 | The Ever-Changing Morphology of Hippocampal Granule Neurons in Physiology and Pathology. Frontiers in Neuroscience, 2015, 9, 526. | 2.8 | 37 |
| 1807 | GluN2B-Containing NMDA Receptors on Adult-Born Granule Cells Contribute to the Antidepressant Action of Fluoxetine. Frontiers in Neuroscience, 2016, 10, 242. | 2.8 | 13 |
| 1808 | MPTP Impairs Dopamine D1 Receptor-Mediated Survival of Newborn Neurons in Ventral Hippocampus to Cause Depressive-Like Behaviors in Adult Mice. Frontiers in Molecular Neuroscience, 2016, 9, 101. | 2.9 | 27 |
| 1812 | Stress-Induced Anxiety- and Depressive-Like Phenotype Associated with Transient Reduction in Neurogenesis in Adult Nestin-CreERT2/Diphtheria Toxin Fragment A Transgenic Mice. PLoS ONE, 2016, 11, e0147256. | 2.5 | 46 |
| 1813 | PT628. First in class melatonin MT2 receptors agonists for neuropathic pain. International Journal of Neuropsychopharmacology, 2016, 19, 30-30. | 2.1 | 1 |
| 1814 | Running Opposes the Effects of Social Isolation on Synaptic Plasticity and Transmission in a Rat Model of Depression. PLoS ONE, 2016, 11, e0165071. | 2.5 | 20 |
| 1815 | Small Molecules. , 2016, , 87-110. | | 3 |
| 1816 | Co-Ultramicronized Palmitoylethanolamide/Luteolin Promotes Neuronal Regeneration after Spinal Cord Injury. Frontiers in Pharmacology, 2016, 7, 47. | 3.5 | 30 |
| 1817 | The Effect of Oral Administration of Methylphenidate on Hippocampal Tissue in Adult Male Rats. Neurosurgery Quarterly, 2016, 26, 315-318. | 0.1 | 5 |
| 1818 | Involvement of the agmatinerbic system in the depressive-like phenotype of the Crcl1 knockout mouse model of depression. Translational Psychiatry, 2016, 6, e852-e852. | 4.8 | 48 |
| 1819 | Antidepressant-like effects of standardized gypenosides: involvement of brain-derived neurotrophic factor signaling in hippocampus. Psychopharmacology, 2016, 233, 3211-3221. | 3.1 | 36 |
| 1820 | Effect of electroconvulsive seizures on cognitive flexibility. Hippocampus, 2016, 26, 899-910. | 1.9 | 13 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1821 | Proteome and pathway effects of chronic haloperidol treatment in mouse hippocampus. <i>Proteomics</i> , 2016, 16, 532-538. | 2.2 | 5 |
| 1822 | Transgenic mouse models for studying adult neurogenesis. <i>Frontiers in Biology</i> , 2016, 11, 151-167. | 0.7 | 36 |
| 1823 | Combination therapies: The next logical Step for the treatment of synucleinopathies?. <i>Movement Disorders</i> , 2016, 31, 225-234. | 3.9 | 45 |
| 1824 | History of Neural Stem Cell Research and Its Clinical Application. <i>Neurologia Medico-Chirurgica</i> , 2016, 56, 110-124. | 2.2 | 19 |
| 1825 | Neurogenesis as an organizing function of the adult brain: Is there enough evidence?. <i>Biology Bulletin Reviews</i> , 2016, 6, 457-472. | 0.9 | 1 |
| 1826 | Implication of NOTCH1 gene in susceptibility to anxiety and depression among sexual abuse victims. <i>Translational Psychiatry</i> , 2016, 6, e977-e977. | 4.8 | 10 |
| 1827 | Inhibition of serotonin reuptake in the prepubertal rat ovary by fluoxetine and effects on ovarian functions. <i>Reproductive Toxicology</i> , 2016, 59, 80-88. | 2.9 | 9 |
| 1828 | Agomelatine Increases BDNF Serum Levels in Depressed Patients in Correlation with the Improvement of Depressive Symptoms. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyw003. | 2.1 | 66 |
| 1829 | Epigenetic regulation of G protein coupled receptor signaling and its implications in psychiatric disorders. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 77, 226-239. | 2.8 | 14 |
| 1830 | Effects of Unpredictable Chronic Mild Stress on the Effects of Antidepressants in the Forced Swimming Test. <i>Neuroscience and Behavioral Physiology</i> , 2016, 46, 601-605. | 0.4 | 5 |
| 1831 | Reported alcohol drinking and mental health problems in Hong Kong Chinese adolescents. <i>Drug and Alcohol Dependence</i> , 2016, 164, 47-54. | 3.2 | 25 |
| 1832 | Endoplasmic Reticulum Stress and Disrupted Neurogenesis in the Brain Are Associated with Cognitive Impairment and Depressive-Like Behavior after Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 1919-1935. | 3.4 | 94 |
| 1833 | Trimethyltin intoxication induces the migration of ventricular/subventricular zone cells to the injured murine hippocampus. <i>NeuroToxicology</i> , 2016, 54, 72-80. | 3.0 | 4 |
| 1834 | Effect of Electroconvulsive Therapy on Striatal Morphometry in Major Depressive Disorder. <i>Neuropsychopharmacology</i> , 2016, 41, 2481-2491. | 5.4 | 74 |
| 1836 | Hippocampal adult neurogenesis: Its regulation and potential role in spatial learning and memory. <i>Brain Research</i> , 2016, 1644, 127-140. | 2.2 | 117 |
| 1837 | Determining Electroconvulsive Therapy Response With Machine Learning. <i>JAMA Psychiatry</i> , 2016, 73, 545. | 11.0 | 5 |
| 1838 | Acute and Chronic Electroconvulsive Seizures (ECS) Differentially Regulate the Expression of Epigenetic Machinery in the Adult Rat Hippocampus. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyw040. | 2.1 | 10 |
| 1839 | Neuronal Circuitry Mechanisms Regulating Adult Mammalian Neurogenesis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a018937. | 5.5 | 95 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1840 | Chronic fluoxetine dissociates contextual from auditory fear memory. Neuroscience Letters, 2016, 632, 152-156. | 2.1 | 8 |
| 1841 | Anxiety and depression with neurogenesis defects in exchange protein directly activated by cAMP 2-deficient mice are ameliorated by a selective serotonin reuptake inhibitor, Prozac. Translational Psychiatry, 2016, 6, e881-e881. | 4.8 | 36 |
| 1842 | Correlations of PTEN genetic polymorphisms with the risk of depression and depressive symptoms in a Chinese population. Gene, 2016, 595, 77-82. | 2.2 | 7 |
| 1843 | Adolescent Alcohol Exposure Persistently Impacts Adult Neurobiology and Behavior. Pharmacological Reviews, 2016, 68, 1074-1109. | 16.0 | 258 |
| 1844 | Activation of Wnt signaling promotes hippocampal neurogenesis in experimental autoimmune encephalomyelitis. Molecular Neurodegeneration, 2016, 11, 53. | 10.8 | 13 |
| 1845 | miR-17-92 Cluster Regulates Adult Hippocampal Neurogenesis, Anxiety, and Depression. Cell Reports, 2016, 16, 1653-1663. | 6.4 | 102 |
| 1846 | The antidepressant effect of musk in an animal model of depression: a histopathological study. Cell and Tissue Research, 2016, 366, 271-284. | 2.9 | 22 |
| 1847 | The antidepressant venlafaxine may act as a neurodevelopmental toxicant in cuttlefish (Sepia) Tj ETQq1 1 0.784314 rgBT /Oyerlock 10 3.0 25 | 3.0 | 25 |
| 1848 | Noninvasive Evaluation of Cellular Proliferative Activity in Brain Neurogenic Regions in Rats under Depression and Treatment by Enhanced [18F]FLT-PET Imaging. Journal of Neuroscience, 2016, 36, 8123-8131. | 3.6 | 23 |
| 1849 | Neuroprotective, Neurotrophic and Anti-oxidative Role of Bacopa monnieri on CUS Induced Model of Depression in Rat. Neurochemical Research, 2016, 41, 3083-3094. | 3.3 | 48 |
| 1850 | <scp>BDNF</scp> isoforms: a round trip ticket between neurogenesis and serotonin?. Journal of Neurochemistry, 2016, 138, 204-221. | 3.9 | 138 |
| 1851 | Food-derived hydrophilic antioxidant ergothioneine is distributed to the brain and exerts antidepressant effect in mice. Brain and Behavior, 2016, 6, e00477. | 2.2 | 63 |
| 1852 | Urtica dioica leaves modulates hippocampal smoothened-glioma associated oncogene-1 pathway and cognitive dysfunction in chronically stressed mice. Biomedicine and Pharmacotherapy, 2016, 83, 676-686. | 5.6 | 21 |
| 1853 | Hippocampal Neurogenesis. , 2016, , 821-831. | | 11 |
| 1854 | Effect of Fluoxetine on Neurogenesis in Hippocampal Dentate Gyrus after Global Transient Cerebral Ischemia in Rats. Bulletin of Experimental Biology and Medicine, 2016, 161, 351-354. | 0.8 | 9 |
| 1855 | Increased BDNF levels after electroconvulsive therapy in patients with major depressive disorder: A meta-analysis study. Journal of Psychiatric Research, 2016, 83, 47-53. | 3.1 | 97 |
| 1856 | Fluoxetine prevents the memory deficits and reduction in hippocampal cell proliferation caused by valproic acid. Journal of Chemical Neuroanatomy, 2016, 78, 112-118. | 2.1 | 17 |
| 1858 | Depression-Like Adult Behaviors may be a Long-Term Result of Experimental Pneumococcal Meningitis in Wistar Rats Infants. Neurochemical Research, 2016, 41, 2771-2778. | 3.3 | 14 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------|-----------|
| 1859 | Adiponectin Exerts Neurotrophic Effects on Dendritic Arborization, Spinogenesis, and Neurogenesis of the Dentate Gyrus of Male Mice. <i>Endocrinology</i> , 2016, 157, 2853-2869. | 2.8 | 79 |
| 1861 | Neurovascular plasticity of the hippocampus one week after a single dose of ketamine in genetic rat model of depression. <i>Hippocampus</i> , 2016, 26, 1414-1423. | 1.9 | 32 |
| 1862 | Short- and long-term effects of neonatal pharmacotherapy with epigallocatechin-3-gallate on hippocampal development in the Ts65Dn mouse model of Down syndrome. <i>Neuroscience</i> , 2016, 333, 277-301. | 2.3 | 60 |
| 1863 | Acupuncture for Depression: The Mechanism Underlying Its Therapeutic Effect. <i>Medical Acupuncture</i> , 2016, 28, 301-307. | 0.6 | 3 |
| 1864 | Reducing central serotonin in adulthood promotes hippocampal neurogenesis. <i>Scientific Reports</i> , 2016, 6, 20338. | 3.3 | 41 |
| 1865 | Re-evaluating the link between neuropsychiatric disorders and dysregulated adult neurogenesis. <i>Nature Medicine</i> , 2016, 22, 1239-1247. | 30.7 | 110 |
| 1866 | Regulation of Neuronal Stem Cell Proliferation in the Hippocampus by Endothelial Ceramide. <i>Cellular Physiology and Biochemistry</i> , 2016, 39, 790-801. | 1.6 | 26 |
| 1867 | Effects of neuregulin-1 administration on neurogenesis in the adult mouse hippocampus and characterization of immature neurons along the septotemporal axis. <i>Scientific Reports</i> , 2016, 6, 30467. | 3.3 | 24 |
| 1869 | Regional-specific effect of fluoxetine on rapidly dividing progenitors along the dorsoventral axis of the hippocampus. <i>Scientific Reports</i> , 2016, 6, 35572. | 3.3 | 33 |
| 1870 | Long-term Fate Mapping to Assess the Impact of Postnatal Isoflurane Exposure on Hippocampal Progenitor Cell Productivity. <i>Anesthesiology</i> , 2016, 125, 1159-1170. | 2.5 | 22 |
| 1872 | Intranasal oxytocin administration improves depression-like behaviors in adult rats that experienced neonatal maternal deprivation. <i>Behavioural Pharmacology</i> , 2016, 27, 689-696. | 1.7 | 30 |
| 1873 | Melatonin Acts as an Antidepressant by Inhibition of the Acid Sphingomyelinase/Ceramide System. <i>NeuroSignals</i> , 2016, 24, 48-58. | 0.9 | 13 |
| 1874 | Multicenter, randomized, placebo-controlled, double-blind clinical trial of escitalopram on the progression-delaying effects in Alzheimer's disease. <i>International Journal of Geriatric Psychiatry</i> , 2016, 31, 731-739. | 2.7 | 21 |
| 1875 | A simple assessment model to quantifying the dynamic hippocampal neurogenic process in the adult mammalian brain. <i>Hippocampus</i> , 2016, 26, 517-529. | 1.9 | 7 |
| 1876 | The antidepressant-like effect of chronic guanosine treatment is associated with increased hippocampal neuronal differentiation. <i>European Journal of Neuroscience</i> , 2016, 43, 1006-1015. | 2.6 | 33 |
| 1877 | Integrating neuroimmune systems in the neurobiology of depression. <i>Nature Reviews Neuroscience</i> , 2016, 17, 497-511. | 10.2 | 488 |
| 1878 | Improving Memory and Cognition in Individuals with Down Syndrome. <i>CNS Drugs</i> , 2016, 30, 567-573. | 5.9 | 12 |
| 1879 | Electroconvulsive therapy and structural neuroplasticity in neocortical, limbic and paralimbic cortex. <i>Translational Psychiatry</i> , 2016, 6, e832-e832. | 4.8 | 91 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------|-----------|
| 1880 | Purposeful Activity in Psychiatric Rehabilitation: Is Neurogenesis a Key Player?. Hong Kong Journal of Occupational Therapy, 2016, 27, 42-47. | 0.9 | 5 |
| 1881 | Epigenetic mechanisms in neurogenesis. Nature Reviews Neuroscience, 2016, 17, 537-549. | 10.2 | 299 |
| 1882 | Hippocampal VEGF is necessary for antidepressant-like behaviors but not sufficient for antidepressant-like effects of ketamine in rats. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 1247-1254. | 3.8 | 29 |
| 1883 | Ovarian hormones, but not fluoxetine, impart resilience within a chronic unpredictable stress model in middle-aged female rats. Neuropharmacology, 2016, 107, 278-293. | 4.1 | 55 |
| 1884 | The functions of estrogen receptor beta in the female brain: A systematic review. Maturitas, 2016, 93, 41-57. | 2.4 | 40 |
| 1885 | Epigenetic differences in monozygotic twins discordant for major depressive disorder. Translational Psychiatry, 2016, 6, e839-e839. | 4.8 | 38 |
| 1886 | Causes, consequences, and cures for neuroinflammation mediated via the locus coeruleus: noradrenergic signaling system. Journal of Neurochemistry, 2016, 139, 154-178. | 3.9 | 125 |
| 1887 | Piribedil for the Treatment of Motor and Non-motor Symptoms of Parkinson Disease. CNS Drugs, 2016, 30, 703-717. | 5.9 | 40 |
| 1888 | Serotonin 1A and Serotonin 4 Receptors. Neuroscientist, 2016, 22, 26-45. | 3.5 | 77 |
| 1889 | Structural Plasticity of the Hippocampus and Amygdala Induced by Electroconvulsive Therapy in Major Depression. Biological Psychiatry, 2016, 79, 282-292. | 1.3 | 241 |
| 1890 | Pre-hatching fluoxetine-induced neurochemical, neurodevelopmental, and immunological changes in newly hatched cuttlefish. Environmental Science and Pollution Research, 2016, 23, 5030-5045. | 5.3 | 16 |
| 1891 | Adult Neurogenesis and Psychiatric Disorders. Cold Spring Harbor Perspectives in Biology, 2016, 8, a019026. | 5.5 | 146 |
| 1892 | Mice lacking the serotonin 5-HT 2B receptor as an animal model of resistance to selective serotonin reuptake inhibitors antidepressants. European Neuropsychopharmacology, 2016, 26, 265-279. | 0.7 | 37 |
| 1893 | Intracerebroventricular administration of TNF-like weak inducer of apoptosis induces depression-like behavior and cognitive dysfunction in non-autoimmune mice. Brain, Behavior, and Immunity, 2016, 54, 27-37. | 4.1 | 42 |
| 1894 | Rational Principles of Psychopharmacology for Therapists, Healthcare Providers and Clients. Journal of Contemporary Psychotherapy, 2016, 46, 1-13. | 1.2 | 14 |
| 1895 | The Links Between Stress and Depression: Psychoneuroendocrinological, Genetic, and Environmental Interactions. Journal of Neuropsychiatry and Clinical Neurosciences, 2016, 28, 77-88. | 1.8 | 201 |
| 1896 | Hippocampal PPAR γ Overexpression or Activation Represses Stress-Induced Depressive Behaviors and Enhances Neurogenesis. International Journal of Neuropsychopharmacology, 2016, 19, pyv083. | 2.1 | 15 |
| 1897 | Venlafaxine treatment after endothelin-1-induced cortical stroke modulates growth factor expression and reduces tissue damage in rats. Neuropharmacology, 2016, 107, 131-145. | 4.1 | 16 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1898 | The effects of hormones and physical exercise on hippocampal structural plasticity. <i>Frontiers in Neuroendocrinology</i> , 2016, 41, 23-43. | 5.2 | 75 |
| 1899 | Differential effects of a short-term high-fat diet in an animal model of depression in rats treated with the 5-HT ₃ receptor antagonist, ondansetron, the 5-HT ₃ receptor agonist, 2-methyl-5-HT, and the SSRI, fluoxetine. <i>Pharmacology Biochemistry and Behavior</i> , 2016, 144, 78-84. | 2.9 | 10 |
| 1900 | Sex hormones and adult hippocampal neurogenesis: Regulation, implications, and potential mechanisms. <i>Frontiers in Neuroendocrinology</i> , 2016, 41, 129-152. | 5.2 | 151 |
| 1901 | Impact of electroconvulsive therapy on magnetoencephalographic correlates of dysfunctional emotional processing in major depression. <i>European Neuropsychopharmacology</i> , 2016, 26, 684-692. | 0.7 | 13 |
| 1902 | Depression as a risk factor for Alzheimer's disease: Genes, steroids, cytokines and neurogenesis – What do we need to know?. <i>Frontiers in Neuroendocrinology</i> , 2016, 41, 153-171. | 5.2 | 102 |
| 1903 | Testosterone has antidepressant-like efficacy and facilitates imipramine-induced neuroplasticity in male rats exposed to chronic unpredictable stress. <i>Hormones and Behavior</i> , 2016, 79, 58-69. | 2.1 | 51 |
| 1904 | Hippocampal neurogenesis: Learning to remember. <i>Progress in Neurobiology</i> , 2016, 138-140, 1-18. | 5.7 | 184 |
| 1905 | Effect of zinc supplementation on neuronal precursor proliferation in the rat hippocampus after traumatic brain injury. <i>Experimental Neurology</i> , 2016, 279, 96-103. | 4.1 | 23 |
| 1906 | Adult Neurogenesis and Cognitive Function. , 2016, , 51-94. | | 2 |
| 1907 | The Clinical Applicability of Functional Connectivity in Depression: Pathways Toward More Targeted Intervention. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 262-270. | 1.5 | 41 |
| 1908 | The birth of new neurons in the maternal brain: Hormonal regulation and functional implications. <i>Frontiers in Neuroendocrinology</i> , 2016, 41, 99-113. | 5.2 | 67 |
| 1909 | Forced swimming sabotages the morphological and synaptic maturation of newborn granule neurons and triggers a unique pro-inflammatory milieu in the hippocampus. <i>Brain, Behavior, and Immunity</i> , 2016, 53, 242-254. | 4.1 | 33 |
| 1910 | Treating trisomies: Prenatal Down's syndrome therapies explored in mice. <i>Nature Medicine</i> , 2016, 22, 6-7. | 30.7 | 14 |
| 1911 | Neural stem cells and neuro/gliogenesis in the central nervous system: understanding the structural and functional plasticity of the developing, mature, and diseased brain. <i>Journal of Physiological Sciences</i> , 2016, 66, 197-206. | 2.1 | 34 |
| 1912 | Fluoxetine Enhances Neurogenesis in Aged Rats with Cortical Infarcts, but This is not Reflected in a Behavioral Recovery. <i>Journal of Molecular Neuroscience</i> , 2016, 58, 233-242. | 2.3 | 17 |
| 1913 | Rethinking psychopharmacotherapy: The role of treatment context and brain plasticity in antidepressant and antipsychotic interventions. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 60, 51-64. | 6.1 | 46 |
| 1914 | Maternal postpartum corticosterone and fluoxetine differentially affect adult male and female offspring on anxiety-like behavior, stress reactivity, and hippocampal neurogenesis. <i>Neuropharmacology</i> , 2016, 101, 165-178. | 4.1 | 64 |
| 1915 | Postpartum depression: Etiology, treatment and consequences for maternal care. <i>Hormones and Behavior</i> , 2016, 77, 153-166. | 2.1 | 341 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1916 | Are morphological changes necessary to mediate the therapeutic effects of electroconvulsive therapy?. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2016, 266, 261-267. | 3.2 | 30 |
| 1917 | Serotonin Depletion Does not Modify the Short-Term Brain Hypometabolism and Hippocampal Neurodegeneration Induced by the Lithiumâ€“Pilocarpine Model of Status Epilepticus in Rats. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 513-519. | 3.3 | 9 |
| 1918 | Increased brain-derived neurotrophic factor (BDNF) protein concentrations in mice lacking brain serotonin. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2016, 266, 281-284. | 3.2 | 28 |
| 1919 | Antidepressant drug action â€” From rapid changes on network function to network rewiring. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 64, 285-292. | 4.8 | 36 |
| 1920 | Influence of single and repeated cannabidiol administration on emotional behavior and markers of cell proliferation and neurogenesis in non-stressed mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 64, 27-34. | 4.8 | 104 |
| 1921 | Ontogeny of memory: An update on 40 years of work on infantile amnesia. <i>Behavioural Brain Research</i> , 2016, 298, 4-14. | 2.2 | 65 |
| 1922 | Vascular endothelial growth factor: Potential predictor of treatment response in major depression. <i>World Journal of Biological Psychiatry</i> , 2017, 18, 575-585. | 2.6 | 22 |
| 1923 | Fluoxetine effects on molecular, cellular and behavioral endophenotypes of depression are driven by the living environment. <i>Molecular Psychiatry</i> , 2017, 22, 552-561. | 7.9 | 150 |
| 1924 | Ketamine modulates hippocampal neurogenesis and pro-inflammatory cytokines but not stressor induced neurochemical changes. <i>Neuropharmacology</i> , 2017, 112, 210-220. | 4.1 | 68 |
| 1925 | Spatial memory impairment in Morris water maze after electroconvulsive seizures. <i>Acta Neuropsychiatrica</i> , 2017, 29, 17-26. | 2.1 | 19 |
| 1926 | Antidepressant responsiveness in adulthood is permanently impaired after neonatal destruction of the neurogenic pool. <i>Translational Psychiatry</i> , 2017, 7, e990-e990. | 4.8 | 3 |
| 1927 | Varenicline improves motor and cognitive deficits and decreases depressive-like behaviour in late-stage YAC128 mice. <i>Neuropharmacology</i> , 2017, 116, 233-246. | 4.1 | 6 |
| 1928 | Targeting sonic hedgehog signaling in neurological disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 74, 76-97. | 6.1 | 59 |
| 1929 | Relationship between the hippocampal shape abnormality and serum cortisol levels in first-episode and drug-naïve major depressive disorder patients. <i>Depression and Anxiety</i> , 2017, 34, 401-409. | 4.1 | 21 |
| 1930 | The role of neuroimmune signaling in alcoholism. <i>Neuropharmacology</i> , 2017, 122, 56-73. | 4.1 | 225 |
| 1931 | Resting-state EEG gamma power and thetaâ€“gamma coupling enhancement following high-frequency left dorsolateral prefrontal rTMS in patients with depression. <i>Clinical Neurophysiology</i> , 2017, 128, 424-432. | 1.5 | 111 |
| 1932 | Transcriptomic profiling of human hippocampal progenitor cells treated with antidepressants and its application in drug repositioning. <i>Journal of Psychopharmacology</i> , 2017, 31, 338-345. | 4.0 | 16 |
| 1933 | Vitamin D and Depression: Cellular and Regulatory Mechanisms. <i>Pharmacological Reviews</i> , 2017, 69, 80-92. | 16.0 | 124 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 1934 | Toll-like receptor signaling and stages of addiction. Psychopharmacology, 2017, 234, 1483-1498. | 3.1 | 124 |
| 1935 | PET imaging of neurogenic activity in the adult brain: Toward in vivo imaging of human neurogenesis. Neurogenesis (Austin, Tex), 2017, 4, e1281861. | 1.5 | 8 |
| 1936 | Neuronal Activity in Ontogeny and Oncology. Trends in Cancer, 2017, 3, 89-112. | 7.4 | 80 |
| 1937 | Asymmetric Cell Division in Development, Differentiation and Cancer. Results and Problems in Cell Differentiation, 2017, , . | 0.7 | 5 |
| 1938 | New directions in the rational design of electrical and magnetic seizure therapies: individualized Low Amplitude Seizure Therapy (iLAST) and Magnetic Seizure Therapy (MST). International Review of Psychiatry, 2017, 29, 63-78. | 2.8 | 10 |
| 1939 | Regulation of Asymmetric Cell Division in Mammalian Neural Stem and Cancer Precursor Cells. Results and Problems in Cell Differentiation, 2017, 61, 375-399. | 0.7 | 15 |
| 1940 | Neuronal plasticity and neurotrophic factors in drug responses. Molecular Psychiatry, 2017, 22, 1085-1095. | 7.9 | 201 |
| 1941 | The postnatal 5-HT1A receptor regulates adult anxiety and depression differently via multiple molecules. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 78, 66-74. | 4.8 | 18 |
| 1942 | Modulation of Aversive Memory by Adult Hippocampal Neurogenesis. Neurotherapeutics, 2017, 14, 646-661. | 4.4 | 39 |
| 1943 | Involvement of progranulin in modulating neuroinflammatory responses but not neurogenesis in the hippocampus of aged mice. Experimental Gerontology, 2017, 95, 1-8. | 2.8 | 14 |
| 1944 | Neuron and neuroblast numbers and cytogenesis in the dentate gyrus of aged APPswe/PS1dE9 transgenic mice: Effect of long-term treatment with paroxetine. Neurobiology of Disease, 2017, 104, 50-60. | 4.4 | 25 |
| 1945 | The effects of aging in the hippocampus and cognitive decline. Neuroscience and Biobehavioral Reviews, 2017, 79, 66-86. | 6.1 | 385 |
| 1946 | Adult hippocampal neurogenesis and cognitive flexibility “ linking memory and mood. Nature Reviews Neuroscience, 2017, 18, 335-346. | 10.2 | 725 |
| 1947 | GalR3 mediates galanin proliferative effects on postnatal hippocampal precursors. Neuropeptides, 2017, 63, 14-17. | 2.2 | 5 |
| 1948 | Glypican-2 levels in cerebrospinal fluid predict the status of adult hippocampal neurogenesis. Scientific Reports, 2017, 7, 46543. | 3.3 | 33 |
| 1949 | Effects of [Nphe¹, Arg¹⁴, Lys¹⁵] N/OFQ-NH₂ (UFP-101), a potent NOP receptor antagonist, on molecular, cellular and behavioural alterations associated with chronic mild stress. Journal of Psychopharmacology, 2017, 31, 691-703. | 4.0 | 25 |
| 1950 | Behavioural outcomes of adult female offspring following maternal stress and perinatal fluoxetine exposure. Behavioural Brain Research, 2017, 331, 84-91. | 2.2 | 24 |
| 1951 | Schizophrenia and neurogenesis: A stem cell approach. Neuroscience and Biobehavioral Reviews, 2017, 80, 414-442. | 6.1 | 36 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1952 | ALCAR promote adult hippocampal neurogenesis by regulating cell-survival and cell death-related signals in rat model of Parkinson's disease like-phenotypes. <i>Neurochemistry International</i> , 2017, 108, 388-396. | 3.8 | 18 |
| 1953 | The modulation of adult neuroplasticity is involved in the mood-improving actions of atypical antipsychotics in an animal model of depression. <i>Translational Psychiatry</i> , 2017, 7, e1146-e1146. | 4.8 | 46 |
| 1954 | Nutrients, neurogenesis and brain ageing: From disease mechanisms to therapeutic opportunities. <i>Biochemical Pharmacology</i> , 2017, 141, 63-76. | 4.4 | 38 |
| 1955 | Lobeline attenuates ethanol abstinence-induced depression-like behavior in mice. <i>Alcohol</i> , 2017, 61, 63-70. | 1.7 | 23 |
| 1956 | Prodepressant- and anxiogenic-like effects of serotonin-selective, but not noradrenaline-selective, antidepressant agents in mice lacking Î2 -containing GABAA receptors. <i>Behavioural Brain Research</i> , 2017, 332, 172-179. | 2.2 | 8 |
| 1957 | Long-term effect of neonatal inhibition of APP gamma-secretase on hippocampal development in the Ts65Dn mouse model of Down syndrome. <i>Neurobiology of Disease</i> , 2017, 103, 11-23. | 4.4 | 14 |
| 1958 | DL-3-n-butylphthalide induced neuroprotection, regenerative repair, functional recovery and psychological benefits following traumatic brain injury in mice. <i>Neurochemistry International</i> , 2017, 111, 82-92. | 3.8 | 55 |
| 1959 | Serotonin and neuroplasticity â€“ Links between molecular, functional and structural pathophysiology in depression. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 77, 317-326. | 6.1 | 296 |
| 1961 | Adult Hippocampal Neurogenesis along the Dorsoventral Axis Contributes Differentially to Environmental Enrichment Combined with Voluntary Exercise in Alleviating Chronic Inflammatory Pain in Mice. <i>Journal of Neuroscience</i> , 2017, 37, 4145-4157. | 3.6 | 103 |
| 1962 | Brain neurotransmitters in an animal model with postpartum depressive-like behavior. <i>Behavioural Brain Research</i> , 2017, 326, 307-321. | 2.2 | 15 |
| 1963 | Viral-mediated overexpression of the Myelin Transcription Factor 1 (MyT1) in the dentate gyrus attenuates anxiety- and ethanol-related behaviors in rats. <i>Psychopharmacology</i> , 2017, 234, 1829-1840. | 3.1 | 12 |
| 1964 | Translatable Models of Brain and Cognitive Reserve. , 2017, , 79-104. | | 1 |
| 1965 | Mobilization of Peripheral Blood Stem Cells and Changes in the Concentration of Plasma Factors Influencing their Movement in Patients with Panic Disorder. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 217-225. | 5.6 | 13 |
| 1966 | Enhanced dendritic morphogenesis of adult hippocampal newborn neurons in central 5-HT-deficient mice. <i>Stem Cell Research</i> , 2017, 19, 6-11. | 0.7 | 12 |
| 1967 | Neurogenesis and pattern separation: time for a divorce. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2017, 8, e1427. | 2.8 | 35 |
| 1968 | Cellular and molecular mechanisms of the brain-derived neurotrophic factor in physiological and pathological conditions. <i>Clinical Science</i> , 2017, 131, 123-138. | 4.3 | 93 |
| 1969 | High frequency stimulation of the infralimbic cortex induces morphological changes in rat hippocampal neurons. <i>Brain Stimulation</i> , 2017, 10, 315-323. | 1.6 | 11 |
| 1970 | Expression of BDNF and trkB in the hippocampus of a rat genetic model of vulnerability (Roman low-avoidance) and resistance (Roman high-avoidance) to stress-induced depression. <i>Brain and Behavior</i> , 2017, 7, e00861. | 2.2 | 31 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1971 | The PDE4 cAMP-Specific Phosphodiesterases: Targets for Drugs with Antidepressant and Memory-Enhancing Action. <i>Advances in Neurobiology</i> , 2017, 17, 63-102. | 1.8 | 29 |
| 1972 | Peripheral blood microRNA and VEGFA mRNA changes following electroconvulsive therapy: implications for psychotic depression. <i>Acta Psychiatrica Scandinavica</i> , 2017, 136, 594-606. | 4.5 | 32 |
| 1973 | Terminalia arjuna bark extract attenuates picrotoxin-induced behavioral changes by activation of serotonergic, dopaminergic, GABAergic and antioxidant systems. <i>Chinese Journal of Natural Medicines</i> , 2017, 15, 584-596. | 1.3 | 12 |
| 1974 | Neuroplasticity and behavioral effects of fluoxetine after experimental stroke. <i>Restorative Neurology and Neuroscience</i> , 2017, 35, 457-468. | 0.7 | 10 |
| 1975 | Electroconvulsive Seizures in Rats and Fractionation of Their Hippocampi to Examine Seizure-induced Changes in Postsynaptic Density Proteins. <i>Journal of Visualized Experiments</i> , 2017, , . | 0.3 | 2 |
| 1976 | Can Ocimum basilicum relieve chronic unpredictable mild stress-induced depression in mice?. <i>Experimental and Molecular Pathology</i> , 2017, 103, 153-161. | 2.1 | 19 |
| 1977 | Chronic fluoxetine ameliorates adolescent chronic nicotine exposure-induced long-term adult deficits in trace conditioning. <i>Neuropharmacology</i> , 2017, 125, 272-283. | 4.1 | 10 |
| 1978 | A flavonoid agonist of the TrkB receptor for BDNF improves hippocampal neurogenesis and hippocampus-dependent memory in the Ts65Dn mouse model of DS. <i>Experimental Neurology</i> , 2017, 298, 79-96. | 4.1 | 50 |
| 1979 | Fluoxetine administration during adolescence attenuates cognitive and synaptic deficits in adult 3Å—TgAD mice. <i>Neuropharmacology</i> , 2017, 126, 200-212. | 4.1 | 33 |
| 1980 | Increasing adult hippocampal neurogenesis in mice after exposure to unpredictable chronic mild stress may counteract some of the effects of stress. <i>Neuropharmacology</i> , 2017, 126, 179-189. | 4.1 | 55 |
| 1981 | Chronic atypical antipsychotics, but not haloperidol, increase neurogenesis in the hippocampus of adult mouse. <i>Brain Research</i> , 2017, 1676, 77-82. | 2.2 | 33 |
| 1982 | The Contribution of Adult Hippocampal Neurogenesis to the Progression of Psychiatric Disorders. <i>Modern Problems of Pharmacopsychiatry</i> , 2017, 31, 124-151. | 2.5 | 10 |
| 1983 | Serotonin and brain function: a tale of two receptors. <i>Journal of Psychopharmacology</i> , 2017, 31, 1091-1120. | 4.0 | 440 |
| 1984 | Saikosaponin D relieves unpredictable chronic mild stress induced depressive-like behavior in rats: involvement of HPA axis and hippocampal neurogenesis. <i>Psychopharmacology</i> , 2017, 234, 3385-3394. | 3.1 | 65 |
| 1985 | Lateralized hippocampal volume increase following high-frequency left prefrontal repetitive transcranial magnetic stimulation in patients with major depression. <i>Psychiatry and Clinical Neurosciences</i> , 2017, 71, 747-758. | 1.8 | 33 |
| 1986 | Voxel-based morphometric brain comparison between healthy subjects and major depressive disorder patients in Japanese with the s/s genotype of 5-HTTLPR. <i>Scientific Reports</i> , 2017, 7, 3931. | 3.3 | 19 |
| 1987 | Nuclear deterrents: Intrinsic regulators of IL-1 β -induced effects on hippocampal neurogenesis. <i>Brain, Behavior, and Immunity</i> , 2017, 66, 394-412. | 4.1 | 34 |
| 1988 | Trigeminal nerve stimulation induces Fos immunoreactivity in selected brain regions, increases hippocampal cell proliferation and reduces seizure severity in rats. <i>Neuroscience</i> , 2017, 361, 69-80. | 2.3 | 30 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 1989 | Differential Effects of Low- and High-dose Zinc Supplementation on Synaptic Plasticity and Neurogenesis in the Hippocampus of Control and High-fat Diet-fed Mice. <i>Neurochemical Research</i> , 2017, 42, 3149-3159. | 3.3 | 26 |
| 1990 | Adult hippocampal neurogenesis: Is it the alpha and omega of antidepressant action?. <i>Biochemical Pharmacology</i> , 2017, 141, 86-99. | 4.4 | 55 |
| 1991 | Venlafaxine exerts antidepressant effects possibly by activating MAPK/ERK1/2 and P13K/AKT pathways in the hippocampus. <i>Behavioural Brain Research</i> , 2017, 335, 63-70. | 2.2 | 22 |
| 1992 | The antidepressant-like effect of <i>Ocimum basilicum</i> in an animal model of depression. <i>Biotechnic and Histochemistry</i> , 2017, 92, 390-401. | 1.3 | 25 |
| 1993 | Protective effect of <i>Lycium Barbarum</i> polysaccharides on dextromethorphan-induced mood impairment and neurogenesis suppression. <i>Brain Research Bulletin</i> , 2017, 134, 10-17. | 3.0 | 28 |
| 1994 | Tranlycypromine in mind (Part I): Review of pharmacology. <i>European Neuropsychopharmacology</i> , 2017, 27, 697-713. | 0.7 | 214 |
| 1995 | Fluvoxamine stimulates oligodendrogenesis of cultured neural stem cells and attenuates inflammation and demyelination in an animal model of multiple sclerosis. <i>Scientific Reports</i> , 2017, 7, 4923. | 3.3 | 40 |
| 1996 | Role of estrogen and levodopa in 1-methyl-4-phenyl-1, 2, 3, 6-tetrahydropyridine (mptp)-induced cognitive deficit in Parkinsonian ovariectomized mice model: A comparative study. <i>Journal of Chemical Neuroanatomy</i> , 2017, 85, 50-59. | 2.1 | 17 |
| 1997 | HBK-15 protects mice from stress-induced behavioral disturbances and changes in corticosterone, BDNF, and NGF levels. <i>Behavioural Brain Research</i> , 2017, 333, 54-66. | 2.2 | 18 |
| 1998 | The role of 5-HT receptors in depression. <i>Molecular Brain</i> , 2017, 10, 28. | 2.6 | 303 |
| 1999 | Sex-dependent effects of maternal corticosterone and SSRI treatment on hippocampal neurogenesis across development. <i>Biology of Sex Differences</i> , 2017, 8, 20. | 4.1 | 24 |
| 2000 | Frequency of Penile-Vaginal Intercourse is Associated with Verbal Recognition Performance in Adult Women. <i>Archives of Sexual Behavior</i> , 2017, 46, 441-453. | 1.9 | 8 |
| 2001 | Beneficial Effects of Co-ultramicrosized Palmitoylethanolamide/Luteolin in a Mouse Model of Autism and in a Case Report of Autism. <i>CNS Neuroscience and Therapeutics</i> , 2017, 23, 87-98. | 3.9 | 67 |
| 2002 | Electroconvulsive stimulation results in long-term survival of newly generated hippocampal neurons in rats. <i>Hippocampus</i> , 2017, 27, 52-60. | 1.9 | 47 |
| 2003 | Molecular mechanisms of experience-dependent structural and functional plasticity in the brain. <i>Anatomical Science International</i> , 2017, 92, 1-17. | 1.0 | 17 |
| 2004 | Myricitrin induces antidepressant-like effects and facilitates adult neurogenesis in mice. <i>Behavioural Brain Research</i> , 2017, 316, 59-65. | 2.2 | 28 |
| 2005 | Relaxin™ the brain: a case for targeting the nucleus incertus network and relaxin/RFPP3 system in neuropsychiatric disorders. <i>British Journal of Pharmacology</i> , 2017, 174, 1061-1076. | 5.4 | 48 |
| 2006 | A genome wide association study suggests the association of muskellin with early onset bipolar disorder: Implications for a GABAergic epileptogenic neurogenesis model. <i>Journal of Affective Disorders</i> , 2017, 208, 120-129. | 4.1 | 17 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2007 | Creatine Prevents Corticosterone-Induced Reduction in Hippocampal Proliferation and Differentiation: Possible Implication for Its Antidepressant Effect. <i>Molecular Neurobiology</i> , 2017, 54, 6245-6260. | 4.0 | 27 |
| 2008 | CNS Target Identification and Validation: Avoiding the Valley of Death or Naive Optimism?. <i>Annual Review of Pharmacology and Toxicology</i> , 2017, 57, 171-187. | 9.4 | 32 |
| 2009 | Hippocampal bone morphogenetic protein signaling mediates behavioral effects of antidepressant treatment. <i>Molecular Psychiatry</i> , 2017, 22, 910-919. | 7.9 | 40 |
| 2010 | Effect of amitriptyline treatment on neurofilament-H protein in an experimental model of depression. <i>Brain Research Bulletin</i> , 2017, 128, 1-6. | 3.0 | 12 |
| 2011 | Comparison of Huntington's Disease in Europe and North America. <i>Movement Disorders Clinical Practice</i> , 2017, 4, 358-367. | 1.5 | 8 |
| 2012 | Integrated transcriptional analysis unveils the dynamics of cellular differentiation in the developing mouse hippocampus. <i>Scientific Reports</i> , 2017, 7, 18073. | 3.3 | 11 |
| 2013 | Effects of Implantation of Cryopreserved Placental Explants on the Behavioral Indices and Morphological Characteristics of the Cerebral Structures in Senescent Mice. <i>Neurophysiology</i> , 2017, 49, 363-371. | 0.3 | 3 |
| 2014 | A critical period for antidepressant-induced acceleration of neuronal maturation in adult dentate gyrus. <i>Translational Psychiatry</i> , 2017, 7, e1235-e1235. | 4.8 | 14 |
| 2015 | Fluoxetine attenuates the impairment of spatial learning ability and prevents neuron loss in middle-aged APPswe/PSEN1dE9 double transgenic Alzheimer's disease mice. <i>Oncotarget</i> , 2017, 8, 27676-27692. | 1.8 | 45 |
| 2016 | Plastic and Neuroprotective Mechanisms Involved in the Therapeutic Effects of Cannabidiol in Psychiatric Disorders. <i>Frontiers in Pharmacology</i> , 2017, 8, 269. | 3.5 | 116 |
| 2017 | S 47445 Produces Antidepressant- and Anxiolytic-Like Effects through Neurogenesis Dependent and Independent Mechanisms. <i>Frontiers in Pharmacology</i> , 2017, 8, 462. | 3.5 | 47 |
| 2018 | Selective Serotonin Reuptake Inhibitors for Treating Neurocognitive and Neuropsychiatric Disorders Following Traumatic Brain Injury: An Evaluation of Current Evidence. <i>Brain Sciences</i> , 2017, 7, 93. | 2.3 | 47 |
| 2019 | Adaptive Changes in the Sensitivity of the Dorsal Raphe and Hypothalamic Paraventricular Nuclei to Acute Exercise, and Hippocampal Neurogenesis May Contribute to the Antidepressant Effect of Regular Treadmill Running in Rats. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 235. | 2.0 | 22 |
| 2020 | The Effect of Serotonin-Targeting Antidepressants on Neurogenesis and Neuronal Maturation of the Hippocampus Mediated via 5-HT1A and 5-HT4 Receptors. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 142. | 3.7 | 55 |
| 2021 | Divergent Roles of Central Serotonin in Adult Hippocampal Neurogenesis. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 185. | 3.7 | 27 |
| 2022 | Terminal Differentiation of Adult Hippocampal Progenitor Cells Is a Step Functionally Dissociable from Proliferation and Is Controlled by Tis21, Id3 and NeuroD2. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 186. | 3.7 | 18 |
| 2023 | Modulation of Adult Hippocampal Neurogenesis by Sleep: Impact on Mental Health. <i>Frontiers in Neural Circuits</i> , 2017, 11, 74. | 2.8 | 30 |
| 2024 | Physical Exercise Restores the Generation of Newborn Neurons in an Animal Model of Chronic Epilepsy. <i>Frontiers in Neuroscience</i> , 2017, 11, 98. | 2.8 | 4 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2025 | Astrocytes at the Hub of the Stress Response: Potential Modulation of Neurogenesis by miRNAs in Astrocyte-Derived Exosomes. <i>Stem Cells International</i> , 2017, 2017, 1-13. | 2.5 | 67 |
| 2026 | Protective Effect of Antioxidants on Neuronal Dysfunction and Plasticity in Huntington's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-15. | 4.0 | 36 |
| 2027 | Zinc in the Monoaminergic Theory of Depression: Its Relationship to Neural Plasticity. <i>Neural Plasticity</i> , 2017, 2017, 1-18. | 2.2 | 58 |
| 2028 | Metabolic Factors and Adult Neurogenesis: Impacts of Chinese Herbal Medicine on Brain Repair in Neurological Diseases. <i>International Review of Neurobiology</i> , 2017, 135, 117-147. | 2.0 | 17 |
| 2029 | Cognitive dysfunction in major depression and Alzheimer's disease is associated with hippocampus–prefrontal cortex dysconnectivity. <i>Neuropsychiatric Disease and Treatment</i> , 2017, Volume 13, 1509-1519. | 2.2 | 91 |
| 2030 | Mouse repeated electroconvulsive seizure (ECS) does not reverse social stress effects but does induce behavioral and hippocampal changes relevant to electroconvulsive therapy (ECT) side-effects in the treatment of depression. <i>PLoS ONE</i> , 2017, 12, e0184603. | 2.5 | 15 |
| 2031 | Beyond negative valence: 2-week administration of a serotonergic antidepressant enhances both reward and effort learning signals. <i>PLoS Biology</i> , 2017, 15, e2000756. | 5.6 | 37 |
| 2032 | Altered phosphorylation, electrophysiology, and behavior on attenuation of PDE4B action in hippocampus. <i>BMC Neuroscience</i> , 2017, 18, 77. | 1.9 | 25 |
| 2033 | BDNF/NF- κ B Signaling in the Neurobiology of Depression. <i>Current Pharmaceutical Design</i> , 2017, 23, 3154-3163. | 1.9 | 162 |
| 2034 | Regenerative Medicine. , 2017, , 379-435. | | 0 |
| 2035 | Hormone Regulation of Neurogenesis Across the Lifespan. , 2017, , 373-410. | | 0 |
| 2036 | Role of tandospirone, a 5-HT _{1A} receptor partial agonist, in the treatment of central nervous system disorders and the underlying mechanisms. <i>Oncotarget</i> , 2017, 8, 102705-102720. | 1.8 | 35 |
| 2037 | Thyroid Hormone Regulation of Adult Neurogenesis. <i>Vitamins and Hormones</i> , 2018, 106, 211-251. | 1.7 | 27 |
| 2038 | Repeated treatment with nitric oxide synthase inhibitor attenuates learned helplessness development in rats and increases hippocampal BDNF expression. <i>Acta Neuropsychiatrica</i> , 2018, 30, 127-136. | 2.1 | 13 |
| 2039 | Unlimited sucrose consumption during adolescence generates a depressive-like phenotype in adulthood. <i>Neuropsychopharmacology</i> , 2018, 43, 2627-2635. | 5.4 | 24 |
| 2040 | A new perspective of the hippocampus in the origin of exercise–brain interactions. <i>Brain Structure and Function</i> , 2018, 223, 2527-2545. | 2.3 | 54 |
| 2041 | Silibinin exerts antidepressant effects by improving neurogenesis through BDNF/TrkB pathway. <i>Behavioural Brain Research</i> , 2018, 348, 184-191. | 2.2 | 31 |
| 2042 | Chronopharmacological Analysis of Antidepressant Activity of a Dual-Action Serotonin Noradrenaline Reuptake Inhibitor (SNRI), Milnacipran, in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 213-219. | 1.4 | 8 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2043 | Hippocampal gray matter increases following multimodal psychological treatment for combat-related post-traumatic stress disorder. <i>Brain and Behavior</i> , 2018, 8, e00956. | 2.2 | 11 |
| 2044 | Liver X receptor β^2 in the hippocampus: A potential novel target for the treatment of major depressive disorder?. <i>Neuropharmacology</i> , 2018, 135, 514-528. | 4.1 | 19 |
| 2045 | Predicting individual responses to the electroconvulsive therapy with hippocampal subfield volumes in major depression disorder. <i>Scientific Reports</i> , 2018, 8, 5434. | 3.3 | 96 |
| 2046 | Neuropsychiatric Symptoms and the Diagnostic Stability of Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 1841-1855. | 2.6 | 36 |
| 2047 | Modelling the dopamine and noradrenergic cell loss that occurs in Parkinson's disease and the impact on hippocampal neurogenesis. <i>Hippocampus</i> , 2018, 28, 327-337. | 1.9 | 20 |
| 2048 | Effects of cumulative illness severity on hippocampal gray matter volume in major depression: a voxel-based morphometry study. <i>Psychological Medicine</i> , 2018, 48, 2391-2398. | 4.5 | 35 |
| 2049 | Metformin potentiates cognitive and antidepressant effects of fluoxetine in rats exposed to chronic restraint stress and high fat diet: potential involvement of hippocampal c-Jun repression. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2018, 391, 407-422. | 3.0 | 24 |
| 2050 | Brain-Derived Neurotrophic Factor Prevents Depressive-Like Behaviors in Early-Symptomatic YAC128 Huntington's Disease Mice. <i>Molecular Neurobiology</i> , 2018, 55, 7201-7215. | 4.0 | 14 |
| 2051 | Test-retest reliability and longitudinal analysis of automated hippocampal subregion volumes in healthy ageing and Alzheimer's disease populations. <i>Human Brain Mapping</i> , 2018, 39, 1743-1754. | 3.6 | 45 |
| 2052 | Electroconvulsive therapy enhances the anti-ageing hormone Klotho in the cerebrospinal fluid of geriatric patients with major depression. <i>European Neuropsychopharmacology</i> , 2018, 28, 428-435. | 0.7 | 21 |
| 2053 | Understanding the pathophysiology of depression: From monoamines to the neurogenesis hypothesis model - are we there yet?. <i>Behavioural Brain Research</i> , 2018, 341, 79-90. | 2.2 | 219 |
| 2054 | Antidepressant effects of focused ultrasound induced blood-brain-barrier opening. <i>Behavioural Brain Research</i> , 2018, 342, 57-61. | 2.2 | 19 |
| 2055 | Wnt Signaling in the Central Nervous System: New Insights in Health and Disease. <i>Progress in Molecular Biology and Translational Science</i> , 2018, 153, 81-130. | 1.7 | 68 |
| 2056 | The link between depression and atherosclerosis through the pathways of inflammation and endothelium dysfunction. <i>Maturitas</i> , 2018, 109, 1-5. | 2.4 | 56 |
| 2057 | Antidepressant Use and Cognitive Outcomes in Very Old Women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 1390-1395. | 3.6 | 28 |
| 2058 | Effect of electroconvulsive therapy on hippocampal and amygdala volumes: systematic review and meta-analysis. <i>British Journal of Psychiatry</i> , 2018, 212, 19-26. | 2.8 | 94 |
| 2059 | Mechanisms of Memory Disruption in Depression. <i>Trends in Neurosciences</i> , 2018, 41, 137-149. | 8.6 | 146 |
| 2060 | Dentate granule progenitor cell properties are rapidly altered soon after birth. <i>Brain Structure and Function</i> , 2018, 223, 357-369. | 2.3 | 16 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2061 | Proteomic characterization of hippocampus of chronically socially isolated rats treated with fluoxetine: Depression-like behaviour and fluoxetine mechanism of action. <i>Neuropharmacology</i> , 2018, 135, 268-283. | 4.1 | 34 |
| 2062 | The role of memantine in the treatment of major depressive disorder: Clinical efficacy and mechanisms of action. <i>European Journal of Pharmacology</i> , 2018, 827, 103-111. | 3.5 | 35 |
| 2063 | Noradrenergic Modulation on Dopaminergic Neurons. <i>Neurotoxicity Research</i> , 2018, 34, 848-859. | 2.7 | 11 |
| 2064 | Peripheral administration of lactate produces antidepressant-like effects. <i>Molecular Psychiatry</i> , 2018, 23, 392-399. | 7.9 | 111 |
| 2065 | JNK1 controls adult hippocampal neurogenesis and imposes cell-autonomous control of anxiety behaviour from the neurogenic niche. <i>Molecular Psychiatry</i> , 2018, 23, 362-374. | 7.9 | 62 |
| 2066 | A novel 5HT ₃ receptor-IGF1 mechanism distinct from SSRI-induced antidepressant effects. <i>Molecular Psychiatry</i> , 2018, 23, 833-842. | 7.9 | 26 |
| 2067 | Severely impaired adult brain neurogenesis in cyclin D2 knock-out mice produces very limited phenotypic changes. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 80, 63-67. | 4.8 | 12 |
| 2068 | Inducing a long-term potentiation in the dentate gyrus is sufficient to produce rapid antidepressant-like effects. <i>Molecular Psychiatry</i> , 2018, 23, 587-596. | 7.9 | 19 |
| 2069 | Abnormal Expression of MicroRNAs Induced by Chronic Unpredictable Mild Stress in Rat Hippocampal Tissues. <i>Molecular Neurobiology</i> , 2018, 55, 917-935. | 4.0 | 45 |
| 2070 | Regulation of behaviour by the nuclear receptor <scp>TLX</scp>. <i>Genes, Brain and Behavior</i> , 2018, 17, e12357. | 2.2 | 12 |
| 2071 | Sonic hedgehog, Wnt, and brain-derived neurotrophic factor cell signaling pathway crosstalk: potential therapy for depression. <i>Journal of Neuroscience Research</i> , 2018, 96, 53-62. | 2.9 | 39 |
| 2072 | Decreasing the Expression of GABAA α 5 Subunit-Containing Receptors Partially Improves Cognitive, Electrophysiological, and Morphological Hippocampal Defects in the Ts65Dn Model of Down Syndrome. <i>Molecular Neurobiology</i> , 2018, 55, 4745-4762. | 4.0 | 15 |
| 2073 | Function and Dysfunction of Adult Hippocampal Neurogenesis in Regeneration and Disease. <i>American Journal of Pathology</i> , 2018, 188, 23-28. | 3.8 | 57 |
| 2074 | Serotonin transporter gene polymorphisms may be associated with poststroke neurological recovery after escitalopram use. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 271-276. | 1.9 | 14 |
| 2075 | Doxycycline Used for Control of Transgene Expression has its Own Effects on Behaviors and Bcl-xL in the Rat Hippocampus. <i>Cellular and Molecular Neurobiology</i> , 2018, 38, 281-288. | 3.3 | 10 |
| 2076 | Antidepressant and pro-neurogenic effects of agmatine in a mouse model of stress induced by chronic exposure to corticosterone. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 81, 395-407. | 4.8 | 40 |
| 2077 | Neural basis of major depressive disorder: Beyond monoamine hypothesis. <i>Psychiatry and Clinical Neurosciences</i> , 2018, 72, 3-12. | 1.8 | 246 |
| 2078 | Perinatal fluoxetine increases hippocampal neurogenesis and reverses the lasting effects of pre-gestational stress on serum corticosterone, but not on maternal behavior, in the rat dam. <i>Behavioural Brain Research</i> , 2018, 339, 222-231. | 2.2 | 28 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2079 | Verbal learning and hippocampal dysfunction in schizophrenia: A meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 86, 166-175. | 6.1 | 35 |
| 2080 | Cytokine alterations in panic disorder: A systematic review. <i>Journal of Affective Disorders</i> , 2018, 228, 91-96. | 4.1 | 64 |
| 2081 | Normal diet Vs High fat diet - A comparative study: Behavioral and neuroimmunological changes in adolescent male mice.. <i>Metabolic Brain Disease</i> , 2018, 33, 177-190. | 2.9 | 56 |
| 2082 | Post-weaning social isolation of rats leads to long-term disruption of the gut microbiota-immune-brain axis. <i>Brain, Behavior, and Immunity</i> , 2018, 68, 261-273. | 4.1 | 97 |
| 2083 | HMGB1/IL-1 β complexes regulate neuroimmune responses in alcoholism. <i>Brain, Behavior, and Immunity</i> , 2018, 72, 61-77. | 4.1 | 51 |
| 2084 | Identifying molecular mediators of environmentally enhanced neurogenesis. <i>Cell and Tissue Research</i> , 2018, 371, 7-21. | 2.9 | 25 |
| 2085 | SMRI Biomarkers Predict Electroconvulsive Treatment Outcomes: Accuracy with Independent Data Sets. <i>Neuropsychopharmacology</i> , 2018, 43, 1078-1087. | 5.4 | 49 |
| 2086 | Ambushed by Memories of Trauma: Memory-Processing Interventions in an Adolescent Boy with Nocturnal Dissociative Episodes. <i>Harvard Review of Psychiatry</i> , 2018, 26, 228-236. | 2.1 | 7 |
| 2087 | Effect of Acute Stress on the Expression of BDNF, trkB, and PSA-NCAM in the Hippocampus of the Roman Rats: A Genetic Model of Vulnerability/Resistance to Stress-Induced Depression. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3745. | 4.1 | 21 |
| 2088 | The Hippocampus as a Neural Link between Negative Affect and Vulnerability for Psychostimulant Relapse. , 0, , . | | 7 |
| 2089 | Factors Regulating Neurogenesis in the Adult Dentate Gyrus. , 0, , . | | 4 |
| 2090 | Regulation of Adult Neurogenesis by Non-coding RNAs: Implications for Substance Use Disorders. <i>Frontiers in Neuroscience</i> , 2018, 12, 849. | 2.8 | 25 |
| 2091 | Hormonal Regulation of Hippocampal Neurogenesis: Implications for Depression and Exercise. <i>Current Topics in Behavioral Neurosciences</i> , 2018, 43, 379-421. | 1.7 | 7 |
| 2092 | Magnetic seizure therapy reduces suicidal ideation and produces neuroplasticity in treatment-resistant depression. <i>Translational Psychiatry</i> , 2018, 8, 253. | 4.8 | 49 |
| 2094 | Association of Genetic Variation at AQP4 Locus with Vascular Depression. <i>Biomolecules</i> , 2018, 8, 164. | 4.0 | 14 |
| 2095 | Salvianolic acid B abolished chronic mild stress-induced depression through suppressing oxidative stress and neuroinflammation via regulating NLRP3 inflammasome activation. <i>Journal of Food Biochemistry</i> , 2019, 43, e12742. | 2.9 | 18 |
| 2096 | The Clinical Features in Subarachnoid Hemorrhage of Unknown Etiology. <i>Journal of Neurology and Neuroscience</i> , 2018, 09, . | 0.4 | 1 |
| 2097 | Neurodegenerative Diseases: Regenerative Mechanisms and Novel Therapeutic Approaches. <i>Brain Sciences</i> , 2018, 8, 177. | 2.3 | 139 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------|-----------|
| 2098 | Depression and adult neurogenesis: Positive effects of the antidepressant fluoxetine and of physical exercise. <i>Brain Research Bulletin</i> , 2018, 143, 181-193. | 3.0 | 186 |
| 2099 | Metabolism and adult neurogenesis: Towards an understanding of the role of lipocalin-2 and iron-related oxidative stress. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 95, 73-84. | 6.1 | 16 |
| 2100 | Antidepressant Effects of Probucol on Early-Symptomatic YAC128 Transgenic Mice for Huntington's Disease. <i>Neural Plasticity</i> , 2018, 2018, 1-17. | 2.2 | 11 |
| 2101 | Inhibition of Autophagy in Microglia Alters Depressive-Like Behavior via BDNF Pathway in Postpartum Depression. <i>Frontiers in Psychiatry</i> , 2018, 9, 434. | 2.6 | 53 |
| 2102 | Exercise-induced brain-derived neurotrophic factor expression: Therapeutic implications for Alzheimer's dementia. <i>Ageing Research Reviews</i> , 2018, 48, 109-121. | 10.9 | 116 |
| 2103 | The Role of G-proteins and G-protein Regulating Proteins in Depressive Disorders. <i>Frontiers in Pharmacology</i> , 2018, 9, 1289. | 3.5 | 27 |
| 2104 | Role of hippocampal 5-HT1A receptors in the antidepressant-like phenotype of mice expressing RGS-insensitive G α i2 protein. <i>Neuropharmacology</i> , 2018, 141, 296-304. | 4.1 | 2 |
| 2105 | The Free Radical Scavenger N-Tert-Butyl- α -Phenylnitron (PBN) Administered to Immature Rats During Status Epilepticus Alters Neurogenesis and Has Variable Effects, Both Beneficial and Detrimental, on Long-Term Outcomes. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 266. | 3.7 | 6 |
| 2106 | Ectopic expression of aPKC-mediated phosphorylation in p300 modulates hippocampal neurogenesis, CREB binding and fear memory differently with age. <i>Scientific Reports</i> , 2018, 8, 13489. | 3.3 | 5 |
| 2107 | The vagus afferent network: emerging role in translational connectomics. <i>Neurosurgical Focus</i> , 2018, 45, E2. | 2.3 | 79 |
| 2108 | Histological and molecular techniques utilized to investigate animal models of depression. An updated review. <i>Microscopy Research and Technique</i> , 2018, 81, 1143-1153. | 2.2 | 3 |
| 2109 | Differential Effects of Extended Exercise and Memantine Treatment on Adult Neurogenesis in Male and Female Rats. <i>Neuroscience</i> , 2018, 390, 241-255. | 2.3 | 17 |
| 2110 | Elevating Integrin-linked Kinase expression has rescued hippocampal neurogenesis and memory deficits in an AD animal model. <i>Brain Research</i> , 2018, 1695, 65-77. | 2.2 | 12 |
| 2111 | Dietary polyphenols and neurogenesis: Molecular interactions and implication for brain ageing and cognition. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 90, 456-470. | 6.1 | 53 |
| 2112 | Adult mammalian neurogenesis and motivated behaviors. <i>Integrative Zoology</i> , 2018, 13, 655-672. | 2.6 | 11 |
| 2113 | Mechanisms underlying anticonvulsant and proconvulsant actions of norepinephrine. <i>Neuropharmacology</i> , 2018, 137, 297-308. | 4.1 | 21 |
| 2114 | iPlasticity: Induced juvenile-like plasticity in the adult brain as a mechanism of antidepressants. <i>Psychiatry and Clinical Neurosciences</i> , 2018, 72, 633-653. | 1.8 | 50 |
| 2115 | Magnetic resonance imaging evidence of hippocampal structural changes in patients with primary biliary cholangitis. <i>Clinical and Translational Gastroenterology</i> , 2018, 9, e169. | 2.5 | 13 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------|-----------|
| 2116 | Neurotrophic factors and neuroplasticity pathways in the pathophysiology and treatment of depression. <i>Psychopharmacology</i> , 2018, 235, 2195-2220. | 3.1 | 184 |
| 2117 | Î2-microglobulin induces depressive- and anxiety-like behaviors in rat. <i>PLoS ONE</i> , 2018, 13, e0198027. | 2.5 | 7 |
| 2118 | Antidepressant Effect of <i>Fraxinus rhynchophylla</i> Hance Extract in a Mouse Model of Chronic Stress-Induced Depression. <i>BioMed Research International</i> , 2018, 2018, 1-12. | 1.9 | 30 |
| 2119 | Neural stem cell differentiation into mature neurons: Mechanisms of regulation and biotechnological applications. <i>Biotechnology Advances</i> , 2018, 36, 1946-1970. | 11.7 | 106 |
| 2120 | JNK Regulation of Depression and Anxiety. <i>Brain Plasticity</i> , 2018, 3, 145-155. | 3.5 | 34 |
| 2121 | Development of Microplatforms to Mimic the In Vivo Architecture of CNS and PNS Physiology and Their Diseases. <i>Genes</i> , 2018, 9, 285. | 2.4 | 22 |
| 2122 | Effects of Monoamines and Antidepressants on Astrocyte Physiology: Implications for Monoamine Hypothesis of Depression. <i>Journal of Experimental Neuroscience</i> , 2018, 12, 117906951878914. | 2.3 | 44 |
| 2123 | T-type calcium channel enhancer SAK3 produces anti-depressant-like effects by promoting adult hippocampal neurogenesis in olfactory bulbectomized mice. <i>Journal of Pharmacological Sciences</i> , 2018, 137, 333-341. | 2.5 | 29 |
| 2124 | Reelin controls the positioning of brainstem serotonergic raphe neurons. <i>PLoS ONE</i> , 2018, 13, e0200268. | 2.5 | 6 |
| 2125 | Antidepressants act by inducing autophagy controlled by sphingomyelinase ceramide. <i>Molecular Psychiatry</i> , 2018, 23, 2324-2346. | 7.9 | 166 |
| 2126 | Intracellular cAMP Sensor EPAC: Physiology, Pathophysiology, and Therapeutics Development. <i>Physiological Reviews</i> , 2018, 98, 919-1053. | 28.8 | 141 |
| 2127 | Adult Hippocampal Neurogenesis: Regulation and Possible Functional and Clinical Correlates. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 44. | 1.7 | 124 |
| 2128 | The Immediate Early Gene <i>Egr3</i> Is Required for Hippocampal Induction of <i>Bdnf</i> by Electroconvulsive Stimulation. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 92. | 2.0 | 16 |
| 2129 | Nitrous Oxide Induces Prominent Cell Proliferation in Adult Rat Hippocampal Dentate Gyrus. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 135. | 3.7 | 15 |
| 2130 | Binge drinking and associated factors among school students: a cross-sectional study in Zhejiang Province, China. <i>BMJ Open</i> , 2018, 8, e021077. | 1.9 | 18 |
| 2131 | Depression, Olfaction, and Quality of Life: A Mutual Relationship. <i>Brain Sciences</i> , 2018, 8, 80. | 2.3 | 67 |
| 2132 | Effects of Fluoxetine on Hippocampal Neurogenesis and Neuroprotection in the Model of Global Cerebral Ischemia in Rats. <i>International Journal of Molecular Sciences</i> , 2018, 19, 162. | 4.1 | 44 |
| 2133 | Brain serotonin critically contributes to the biological effects of electroconvulsive seizures. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2018, 268, 861-864. | 3.2 | 6 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2134 | Memantine ameliorates depressive-like behaviors by regulating hippocampal cell proliferation and neuroprotection in olfactory bulbectomized mice. <i>Neuropharmacology</i> , 2018, 137, 141-155. | 4.1 | 47 |
| 2135 | Connective Tissue Growth Factor Is a Novel Prodepressant. <i>Biological Psychiatry</i> , 2018, 84, 555-562. | 1.3 | 12 |
| 2136 | Emerging Roles of Sonic Hedgehog in Adult Neurological Diseases: Neurogenesis and Beyond. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2423. | 4.1 | 31 |
| 2137 | Adiporon, an adiponectin receptor agonist acts as an antidepressant and metabolic regulator in a mouse model of depression. <i>Translational Psychiatry</i> , 2018, 8, 159. | 4.8 | 45 |
| 2138 | Abnormal hippocampal neurogenesis in Parkinson's disease: relevance to a new therapeutic target for depression with Parkinson's disease. <i>Archives of Pharmacal Research</i> , 2018, 41, 943-954. | 6.3 | 59 |
| 2139 | Serotonin receptors in depression and anxiety: Insights from animal studies. <i>Life Sciences</i> , 2018, 210, 106-124. | 4.3 | 124 |
| 2140 | Fluoxetine or Sox2 reactivate proliferation-defective stem and progenitor cells of the adult and aged dentate gyrus. <i>Neuropharmacology</i> , 2018, 141, 316-330. | 4.1 | 21 |
| 2141 | rTMS ameliorated depressive-like behaviors by restoring HPA axis balance and prohibiting hippocampal neuron apoptosis in a rat model of depression. <i>Psychiatry Research</i> , 2018, 269, 126-133. | 3.3 | 43 |
| 2142 | Short- and long-term efficacy of electroconvulsive stimulation in animal models of depression: The essential role of neuronal survival. <i>Brain Stimulation</i> , 2018, 11, 1336-1347. | 1.6 | 38 |
| 2143 | Serotonin depletion causes valproate-responsive manic-like condition and increased hippocampal neuroplasticity that are reversed by stress. <i>Scientific Reports</i> , 2018, 8, 11847. | 3.3 | 26 |
| 2144 | Volume of the Human Hippocampus and Clinical Response Following Electroconvulsive Therapy. <i>Biological Psychiatry</i> , 2018, 84, 574-581. | 1.3 | 138 |
| 2145 | Wnt Signaling in the Hippocampus in Relation to Neurogenesis, Neuroplasticity, Stress and Epigenetics. <i>Progress in Molecular Biology and Translational Science</i> , 2018, 158, 129-157. | 1.7 | 19 |
| 2146 | Activation of GPR55 increases neural stem cell proliferation and promotes early adult hippocampal neurogenesis. <i>British Journal of Pharmacology</i> , 2018, 175, 3407-3421. | 5.4 | 31 |
| 2147 | Multimodal imaging-based therapeutic fingerprints for optimizing personalized interventions: Application to neurodegeneration. <i>NeuroImage</i> , 2018, 179, 40-50. | 4.2 | 33 |
| 2148 | The reduction of adult neurogenesis in depression impairs the retrieval of new as well as remote episodic memory. <i>PLoS ONE</i> , 2018, 13, e0198406. | 2.5 | 31 |
| 2149 | Biological and Behavioral Patterns of Post-Stroke Depression in Rats. <i>Canadian Journal of Neurological Sciences</i> , 2018, 45, 451-461. | 0.5 | 24 |
| 2150 | The role of HMGB1 in neuroinflammation and tissue repair: A potential therapeutic target for depression?. <i>Traditional Medicine and Modern Medicine</i> , 2018, 01, 85-93. | 0.2 | 3 |
| 2151 | Inhibition of Fatty Acid Amide Hydrolase Improves Depressive-Like Behaviors Independent of Its Peripheral Antinociceptive Effects in a Rat Model of Neuropathic Pain. <i>Anesthesia and Analgesia</i> , 2019, 129, 587-597. | 2.2 | 27 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2152 | Cannabinoid signalling in embryonic and adult neurogenesis: possible implications for psychiatric and neurological disorders. <i>Acta Neuropsychiatrica</i> , 2019, 31, 1-16. | 2.1 | 22 |
| 2153 | Klotho at the Edge of Alzheimer's Disease and Senile Depression. <i>Molecular Neurobiology</i> , 2019, 56, 1908-1920. | 4.0 | 26 |
| 2154 | Sex differences in antidepressant efficacy. <i>Neuropsychopharmacology</i> , 2019, 44, 140-154. | 5.4 | 127 |
| 2155 | Fluoxetine-induced dematuration of hippocampal neurons and adult cortical neurogenesis in the common marmoset. <i>Molecular Brain</i> , 2019, 12, 69. | 2.6 | 28 |
| 2156 | Association between hippocampal volume change and change in memory following electroconvulsive therapy in late-life depression. <i>Acta Psychiatrica Scandinavica</i> , 2019, 140, 435-445. | 4.5 | 16 |
| 2157 | Icariin and icaritin ameliorated hippocampus neuroinflammation via mediating HMGB1 expression in social defeat model in mice. <i>International Immunopharmacology</i> , 2019, 75, 105799. | 3.8 | 29 |
| 2158 | Modes of division and differentiation of neural stem cells. <i>Behavioural Brain Research</i> , 2019, 374, 112118. | 2.2 | 42 |
| 2159 | Role of adult-born granule cells in the hippocampal functions: Focus on the GluN2B-containing NMDA receptors. <i>European Neuropsychopharmacology</i> , 2019, 29, 1065-1082. | 0.7 | 11 |
| 2160 | A protocol for a randomised controlled, double-blind feasibility trial investigating fluoxetine treatment in improving memory and learning impairments in patients with mesial temporal lobe epilepsy: Fluoxetine, Learning and Memory in Epilepsy (FLAME trial). <i>Pilot and Feasibility Studies</i> , 2019, 5, 87. | 1.2 | 1 |
| 2161 | Born this way: Hippocampal neurogenesis across the lifespan. <i>Aging Cell</i> , 2019, 18, e13007. | 6.7 | 90 |
| 2162 | Fluoxetine-induced plasticity in the visual cortex outlasts the duration of the naturally occurring critical period. <i>European Journal of Neuroscience</i> , 2019, 50, 3663-3673. | 2.6 | 19 |
| 2163 | Photobiomodulation for depression in animal models. , 2019, , 189-205. | | 1 |
| 2164 | Periodic dietary restriction ameliorates amyloid pathology and cognitive impairment in PDAPP-J20 mice: Potential implication of glial autophagy. <i>Neurobiology of Disease</i> , 2019, 132, 104542. | 4.4 | 23 |
| 2165 | Social instability is an effective chronic stress paradigm for both male and female mice. <i>Neuropharmacology</i> , 2019, 160, 107780. | 4.1 | 49 |
| 2166 | Integrated genome-wide methylation and expression analyses reveal functional predictors of response to antidepressants. <i>Translational Psychiatry</i> , 2019, 9, 254. | 4.8 | 33 |
| 2167 | Enhancement of Hippocampal Plasticity by Physical Exercise as a Polypill for Stress and Depression: A Review. <i>CNS and Neurological Disorders - Drug Targets</i> , 2019, 18, 294-306. | 1.4 | 17 |
| 2168 | Nod-like receptors are critical for gut-brain axis signalling in mice. <i>Journal of Physiology</i> , 2019, 597, 5777-5797. | 2.9 | 48 |
| 2169 | Cell numbers, distribution, shape, and regional variation throughout the murine hippocampal formation from the adult brain Allen Reference Atlas. <i>Brain Structure and Function</i> , 2019, 224, 2883-2897. | 2.3 | 24 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2171 | Taking neurogenesis out of the lab and into the world with MAP Train My Brain®, <i>Behavioural Brain Research</i> , 2019, 376, 112154. | 2.2 | 7 |
| 2172 | Effects of Maternal Physical Exercise on Global DNA Methylation and Hippocampal Plasticity of Rat Male Offspring. <i>Neuroscience</i> , 2019, 418, 218-230. | 2.3 | 10 |
| 2173 | TNF deficiency causes alterations in the spatial organization of neurogenic zones and alters the number of microglia and neurons in the cerebral cortex. <i>Brain, Behavior, and Immunity</i> , 2019, 82, 279-297. | 4.1 | 26 |
| 2174 | Differential Hippocampal Expression of BDNF Isoforms and Their Receptors Under Diverse Configurations of the Serotonergic System in a Mice Model of Increased Neuronal Survival. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 384. | 3.7 | 3 |
| 2175 | Ketamine Increases Proliferation of Human iPSC-Derived Neuronal Progenitor Cells via Insulin-Like Growth Factor 2 and Independent of the NMDA Receptor. <i>Cells</i> , 2019, 8, 1139. | 4.1 | 10 |
| 2176 | Structure-activity relationships of serotonin 5-HT ₇ receptors ligands: A review. <i>European Journal of Medicinal Chemistry</i> , 2019, 183, 111705. | 5.5 | 12 |
| 2177 | Embelin Protects Against Acute Pentylentetrazole-Induced Seizures and Positively Modulates Cognitive Function in Adult Zebrafish. <i>Frontiers in Pharmacology</i> , 2019, 10, 1249. | 3.5 | 13 |
| 2178 | Changes in pyramidal and granular neuron numbers in the rat hippocampus 7 days after exposure to a continuous 900-MHz electromagnetic field during early and mid-adolescence. <i>Journal of Chemical Neuroanatomy</i> , 2019, 101, 101681. | 2.1 | 6 |
| 2179 | Resilience Is Associated With Larger Dentate Gyrus, While Suicide Decedents With Major Depressive Disorder Have Fewer Granule Neurons. <i>Biological Psychiatry</i> , 2019, 85, 850-862. | 1.3 | 70 |
| 2180 | Impact of Traumatic Brain Injury on Neurogenesis. <i>Frontiers in Neuroscience</i> , 2018, 12, 1014. | 2.8 | 51 |
| 2181 | Citalopram in first episode schizophrenia: The DECIFER trial. <i>Schizophrenia Research</i> , 2019, 208, 331-337. | 2.0 | 15 |
| 2182 | Electroconvulsive treatment prevents chronic restraint stress-induced atrophy of the hippocampal formation—A stereological study. <i>Brain and Behavior</i> , 2019, 9, e01195. | 2.2 | 12 |
| 2183 | Acute and long-term effects of electroconvulsive therapy on human dentate gyrus. <i>Neuropsychopharmacology</i> , 2019, 44, 1805-1811. | 5.4 | 48 |
| 2184 | Sex differences in depression: Insights from clinical and preclinical studies. <i>Progress in Neurobiology</i> , 2019, 176, 86-102. | 5.7 | 228 |
| 2185 | Additive antidepressant-like effects of fasting with 17 β -estradiol in mice. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 5508-5517. | 3.6 | 12 |
| 2186 | Anhedonia in depression symptomatology: Appetite dysregulation and defective brain reward processing. <i>Behavioural Brain Research</i> , 2019, 372, 112041. | 2.2 | 57 |
| 2187 | The antidepressant effect of testosterone: An effect of neuroplasticity?. <i>Neurology Psychiatry and Brain Research</i> , 2019, 32, 104-110. | 2.0 | 11 |
| 2188 | Increasing Adiponergic System Activity as a Potential Treatment for Depressive Disorders. <i>Molecular Neurobiology</i> , 2019, 56, 7966-7976. | 4.0 | 19 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------|-----------|
| 2189 | Neurogenesis and antidepressant action. <i>Cell and Tissue Research</i> , 2019, 377, 95-106. | 2.9 | 69 |
| 2190 | A Role for Matrix Metalloproteases in Antidepressant Efficacy. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 117. | 2.9 | 13 |
| 2191 | Depressive disorders: Treatment failures and poor prognosis over the last 50 years. <i>Pharmacology Research and Perspectives</i> , 2019, 7, e00472. | 2.4 | 76 |
| 2192 | Serotonergic mechanisms in spinal cord injury. <i>Experimental Neurology</i> , 2019, 318, 174-191. | 4.1 | 54 |
| 2193 | Neonatal treatment with cyclosporine A restores neurogenesis and spinogenesis in the Ts65Dn model of Down syndrome. <i>Neurobiology of Disease</i> , 2019, 129, 44-55. | 4.4 | 11 |
| 2194 | Intracerebroventricular Ghrelin Administration Increases Depressive-Like Behavior in Male Juvenile Rats. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 77. | 2.0 | 13 |
| 2195 | Adult Neurogenesis, Glia, and the Extracellular Matrix. <i>Cell Stem Cell</i> , 2019, 24, 690-705. | 11.1 | 142 |
| 2196 | Interventions after acute stress prevent its delayed effects on the amygdala. <i>Neurobiology of Stress</i> , 2019, 10, 100168. | 4.0 | 14 |
| 2197 | Repeated fluoxetine treatment induces long-lasting neurotrophic changes in the medial prefrontal cortex of adult rats. <i>Behavioural Brain Research</i> , 2019, 365, 114-124. | 2.2 | 26 |
| 2198 | The effect of electroconvulsive seizure on survival, neuronal differentiation, and expression of the maturation marker in the adult mouse hippocampus. <i>Journal of Neurochemistry</i> , 2019, 149, 488-498. | 3.9 | 22 |
| 2199 | Hippocampal Subgranular Zone FosB Expression Is Critical for Neurogenesis and Learning. <i>Neuroscience</i> , 2019, 406, 225-233. | 2.3 | 18 |
| 2200 | Effects of early life adversity and FKBP5 genotype on hippocampal subfields volume in major depression. <i>Journal of Affective Disorders</i> , 2019, 252, 152-159. | 4.1 | 37 |
| 2201 | Lithium counteracts depressive behavior and augments the treatment effect of selective serotonin reuptake inhibitor in treatment-resistant depressed rats. <i>Brain Research</i> , 2019, 1717, 52-59. | 2.2 | 10 |
| 2202 | Adult hippocampal neurogenesis is not necessary for the response to lithium in the forced swim test. <i>Neuroscience Letters</i> , 2019, 704, 67-72. | 2.1 | 3 |
| 2203 | Stress-induced precocious aging in PD-patient iPSC-derived NSCs may underlie the pathophysiology of Parkinson's disease. <i>Cell Death and Disease</i> , 2019, 10, 105. | 6.3 | 23 |
| 2204 | Severe Uncontrolled Maternal Hyperglycemia Induces Microsomia and Neurodevelopment Delay Accompanied by Apoptosis, Cellular Survival, and Neuroinflammatory Deregulation in Rat Offspring Hippocampus. <i>Cellular and Molecular Neurobiology</i> , 2019, 39, 401-414. | 3.3 | 25 |
| 2205 | Transcriptomic evidence for immaturity induced by antidepressant fluoxetine in the hippocampus and prefrontal cortex. <i>Neuropsychopharmacology Reports</i> , 2019, 39, 78-89. | 2.3 | 22 |
| 2206 | Progesterone and fluoxetine treatments of postpartum depressive-like behavior in rat model. <i>Cell Biology International</i> , 2019, 43, 539-552. | 3.0 | 10 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2207 | Adult Neurogenesis in Health and Disease. , 2019, , 183-219. | | 0 |
| 2208 | The Neurotrophic Hypothesis of Depression Revisited: New Insights and Therapeutic Implications. , 2019, , 43-62. | | 11 |
| 2209 | Oral fluoxetine in the management of amblyopic patients aged between 10 and 40 years old: a randomized clinical trial. Eye, 2019, 33, 1060-1067. | 2.1 | 17 |
| 2210 | Molecular aspects of depression: A review from neurobiology to treatment. European Journal of Pharmacology, 2019, 851, 99-121. | 3.5 | 85 |
| 2211 | Rethinking the Use of Antidepressants to Treat Alcohol Use Disorders and Depression Comorbidity: The Role of Neurogenesis. , 0, , . | | 0 |
| 2212 | Human gene expression variability and its dependence on methylation and aging. BMC Genomics, 2019, 20, 941. | 2.8 | 25 |
| 2213 | Expression of progenitor cell/immature neuron markers does not present definitive evidence for adult neurogenesis. Molecular Brain, 2019, 12, 108. | 2.6 | 41 |
| 2214 | Health-Promoting Strategies for the Aging Brain. American Journal of Geriatric Psychiatry, 2019, 27, 213-236. | 1.2 | 66 |
| 2215 | Serotonin 5-HT1A receptors modulate depression-related symptoms following mild traumatic brain injury in male adult mice. Metabolic Brain Disease, 2019, 34, 575-582. | 2.9 | 24 |
| 2216 | Pharmacological Interventions to Enhance Stroke Recovery. , 2019, , 185-197. | | 0 |
| 2217 | Chronic administration of quetiapine stimulates dorsal hippocampal proliferation and immature neurons of male rats, but does not reverse psychosocial stress-induced hyponeophagic behavior. Psychiatry Research, 2019, 272, 411-418. | 3.3 | 3 |
| 2218 | Variations in Hippocampal White Matter Diffusivity Differentiate Response to Electroconvulsive Therapy in Major Depression. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 300-309. | 1.5 | 17 |
| 2219 | Inhibition of Phosphodiesterase 4 by FCPR03 Alleviates Chronic Unpredictable Mild Stress-Induced Depressive-Like Behaviors and Prevents Dendritic Spine Loss in Mice Hippocampi. International Journal of Neuropsychopharmacology, 2019, 22, 143-156. | 2.1 | 18 |
| 2220 | Neurogenesis in the adult hippocampus: history, regulation, and prospective roles. International Journal of Neuroscience, 2019, 129, 598-611. | 1.6 | 94 |
| 2221 | Impact of Antidepressant Use on the Trajectory of Alzheimer's Disease: Evidence, Mechanisms, and Therapeutic Implications. CNS Drugs, 2019, 33, 17-29. | 5.9 | 7 |
| 2222 | Pterostilbene, an active component of the dragon's blood extract, acts as an antidepressant in adult rats. Psychopharmacology, 2019, 236, 1323-1333. | 3.1 | 22 |
| 2223 | Proteomic analysis of olfactory bulb suggests CACNA1E as a promoter of CREB signaling in microbiota-induced depression. Journal of Proteomics, 2019, 194, 132-147. | 2.4 | 39 |
| 2224 | Fluoxetine reverses brain radiation and temozolomide-induced anxiety and spatial learning and memory defect in mice. Journal of Neurophysiology, 2019, 121, 298-305. | 1.8 | 19 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 2225 | Serotonergic neurotransmission manipulation for the understanding of brain development and function: Learning from Tph2 genetic models. <i>Biochimie</i> , 2019, 161, 3-14. | 2.6 | 29 |
| 2226 | A Commentary on the Therapeutic Potential of Melatonin and Its Analogues in CNS Conditions. , 2019, , 177-186. | | 0 |
| 2227 | A Focused Library of Psychotropic Analogues with Neuroprotective and Neuroregenerative Potential. <i>ACS Chemical Neuroscience</i> , 2019, 10, 279-294. | 3.5 | 18 |
| 2228 | Gene-environment interactions informing therapeutic approaches to cognitive and affective disorders. <i>Neuropharmacology</i> , 2019, 145, 37-48. | 4.1 | 52 |
| 2229 | Maternal experience and adult neurogenesis in mammals: Implications for maternal care, cognition, and mental health. <i>Journal of Neuroscience Research</i> , 2020, 98, 1293-1308. | 2.9 | 19 |
| 2230 | Obligatory roles of dopamine D1 receptors in the dentate gyrus in antidepressant actions of a selective serotonin reuptake inhibitor, fluoxetine. <i>Molecular Psychiatry</i> , 2020, 25, 1229-1244. | 7.9 | 46 |
| 2231 | Influence of electroconvulsive therapy on white matter structure in a diffusion tensor imaging study. <i>Psychological Medicine</i> , 2020, 50, 849-856. | 4.5 | 26 |
| 2232 | Volume increase in the dentate gyrus after electroconvulsive therapy in depressed patients as measured with 7T. <i>Molecular Psychiatry</i> , 2020, 25, 1559-1568. | 7.9 | 87 |
| 2233 | Cell encapsulation enhances antidepressant effect of the mesenchymal stem cells and counteracts depressive-like behavior of treatment-resistant depressed rats. <i>Molecular Psychiatry</i> , 2020, 25, 1202-1214. | 7.9 | 24 |
| 2234 | Early life selective knockdown of the TrkB receptor and maternal separation modulates adult stress phenotype. <i>Behavioural Brain Research</i> , 2020, 378, 112260. | 2.2 | 10 |
| 2235 | Depression's Unholy Trinity: Dysregulated Stress, Immunity, and the Microbiome. <i>Annual Review of Psychology</i> , 2020, 71, 49-78. | 17.7 | 152 |
| 2236 | GABAB receptors, depression, and stress resilience. , 2020, , 63-79. | | 0 |
| 2237 | Fluoxetine attenuates stress-induced depressive-like behavior through modulation of hippocampal GAP43 and neurogenesis in male rats. <i>Journal of Chemical Neuroanatomy</i> , 2020, 103, 101711. | 2.1 | 22 |
| 2238 | Neuroprotective roles of neurotrophic factors in depression. , 2020, , 125-144. | | 3 |
| 2239 | Functional neurogenesis over the years. <i>Behavioural Brain Research</i> , 2020, 382, 112470. | 2.2 | 34 |
| 2240 | Royal jelly reduces depression-like behavior through possible effects on adrenal steroidogenesis in a murine model of unpredictable chronic mild stress. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 606-612. | 1.3 | 9 |
| 2241 | Electroconvulsive therapy modulates grey matter increase in a hub of an affect processing network. <i>NeuroImage: Clinical</i> , 2020, 25, 102114. | 2.7 | 17 |
| 2242 | Neurotrophic mechanisms underlying the rapid and sustained antidepressant actions of ketamine. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 188, 172837. | 2.9 | 113 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2243 | Effects of social defeat stress and fluoxetine treatment on neurogenesis and behavior in mice that lack zinc transporter 3 (ZnT3) and vesicular zinc. <i>Hippocampus</i> , 2020, 30, 623-637. | 1.9 | 12 |
| 2244 | Brain structural effects of treatments for depression and biomarkers of response: a systematic review of neuroimaging studies. <i>Psychological Medicine</i> , 2020, 50, 187-209. | 4.5 | 51 |
| 2245 | Beyond the Hippocampus and the SVZ: Adult Neurogenesis Throughout the Brain. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 576444. | 3.7 | 114 |
| 2246 | Berry Supplementation and Their Beneficial Effects on Some Central Nervous System Disorders. , 2020, , . | | 1 |
| 2247 | Indices of cortical plasticity after therapeutic sleep deprivation in patients with major depressive disorder. <i>Journal of Affective Disorders</i> , 2020, 277, 425-435. | 4.1 | 12 |
| 2248 | Fluoxetine increases hippocampal neural survival by improving axonal transport in stress-induced model of depression male rats. <i>Physiology and Behavior</i> , 2020, 227, 113140. | 2.1 | 16 |
| 2249 | Encapsulation of Mesenchymal Stem Cells: Dissecting the Underlying Mechanism of Mesenchymal Stem Cell Transplantation Therapy. <i>Neuroscience Insights</i> , 2020, 15, 263310552095906. | 1.6 | 2 |
| 2250 | Psychological mechanisms and functions of 5-HT and SSRIs in potential therapeutic change: Lessons from the serotonergic modulation of action selection, learning, affect, and social cognition. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 119, 138-167. | 6.1 | 23 |
| 2251 | Volumetric brain differences in clinical depression in association with anxiety: a systematic review with meta-analysis. <i>Journal of Psychiatry and Neuroscience</i> , 2020, 45, 406-429. | 2.4 | 42 |
| 2252 | Adult-born neurons from the dorsal, intermediate, and ventral regions of the longitudinal axis of the hippocampus exhibit differential sensitivity to glucocorticoids. <i>Molecular Psychiatry</i> , 2020, 26, 3240-3252. | 7.9 | 21 |
| 2253 | Cognitive Improvement by Vorinostat through Modulation of Endoplasmic Reticulum Stress in a Corticosterone-Induced Chronic Stress Model in Mice. <i>ACS Chemical Neuroscience</i> , 2020, 11, 2649-2657. | 3.5 | 8 |
| 2254 | Prenatal, but not Postnatal, Curcumin Administration Rescues Neuromorphological and Cognitive Alterations in Ts65Dn Down Syndrome Mice. <i>Journal of Nutrition</i> , 2020, 150, 2478-2489. | 2.9 | 7 |
| 2255 | Effects of rosmarinic acid on nervous system disorders: an updated review. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 1779-1795. | 3.0 | 53 |
| 2256 | Hormonal Regulation of Mammalian Adult Neurogenesis: A Multifaceted Mechanism. <i>Biomolecules</i> , 2020, 10, 1151. | 4.0 | 13 |
| 2257 | Protective Effects of Melatonin on Neurogenesis Impairment in Neurological Disorders and Its Relevant Molecular Mechanisms. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5645. | 4.1 | 20 |
| 2258 | Neurotrophic Factor BDNF, Physiological Functions and Therapeutic Potential in Depression, Neurodegeneration and Brain Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7777. | 4.1 | 345 |
| 2259 | Early and late effects of electroconvulsive therapy associated with different temporal lobe structures. <i>Translational Psychiatry</i> , 2020, 10, 344. | 4.8 | 8 |
| 2260 | Cell Proliferation in the Adult Chicken Hippocampus Correlates With Individual Differences in Time Spent in Outdoor Areas and Tonic Immobility. <i>Frontiers in Veterinary Science</i> , 2020, 7, 587. | 2.2 | 10 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2261 | Recovery of High Interference Memory in Spite of Lingering Cognitive Deficits in a Longitudinal Pilot Study of Hospitalized Depressed Patients. <i>Frontiers in Psychiatry</i> , 2020, 11, 736. | 2.6 | 1 |
| 2262 | The effects of microglia and astrocyte-derived factors on neurogenesis in health and disease. <i>European Journal of Neuroscience</i> , 2021, 54, 5880-5901. | 2.6 | 84 |
| 2263 | Neuropharmacological Effects of Mesaconitine: Evidence from Molecular and Cellular Basis of Neural Circuit. <i>Neural Plasticity</i> , 2020, 2020, 1-10. | 2.2 | 4 |
| 2264 | Phf21b imprints the spatiotemporal epigenetic switch essential for neural stem cell differentiation. <i>Genes and Development</i> , 2020, 34, 1190-1209. | 5.9 | 9 |
| 2265 | Hippocampal volume, function, and related molecular activity in anorexia nervosa: A scoping review. <i>Expert Review of Clinical Pharmacology</i> , 2020, 13, 1367-1387. | 3.1 | 17 |
| 2266 | Behavioral response to fluoxetine in both female and male mice is modulated by dentate gyrus granule cell activity. <i>Neurobiology of Stress</i> , 2020, 13, 100257. | 4.0 | 5 |
| 2267 | Sex differences in the antidepressant-like potential of repeated electroconvulsive seizures in adolescent and adult rats: Regulation of the early stages of hippocampal neurogenesis. <i>European Neuropsychopharmacology</i> , 2020, 41, 132-145. | 0.7 | 18 |
| 2268 | Sex and Age Effects on Neurobehavioral Toxicity Induced by Binge Alcohol. <i>Brain Plasticity</i> , 2020, 6, 5-25. | 3.5 | 15 |
| 2269 | Protective Effects of Agmatine Against Corticosterone-Induced Impairment on Hippocampal mTOR Signaling and Cell Death. <i>Neurotoxicity Research</i> , 2020, 38, 319-329. | 2.7 | 6 |
| 2270 | Neuroprotective effects of cerium oxide nanoparticles on experimental stress-induced depression in male rats. <i>Journal of Chemical Neuroanatomy</i> , 2020, 106, 101799. | 2.1 | 19 |
| 2271 | Norepinephrine is a negative regulator of the adult periventricular neural stem cell niche. <i>Stem Cells</i> , 2020, 38, 1188-1201. | 3.2 | 18 |
| 2272 | Depression is an underrecognized target for prevention of dementia in Alzheimer's disease. <i>Translational Psychiatry</i> , 2020, 10, 160. | 4.8 | 138 |
| 2273 | An independent component analysis reveals brain structural networks related to TNF- α in drug-naïve, first-episode major depressive disorder: a source-based morphometric study. <i>Translational Psychiatry</i> , 2020, 10, 187. | 4.8 | 20 |
| 2274 | Reducing Allostatic Load in Depression and Anxiety Disorders: Physical Activity and Yoga Practice as Add-On Therapies. <i>Frontiers in Psychiatry</i> , 2020, 11, 501. | 2.6 | 19 |
| 2275 | Neuropsychiatry. <i>Psychiatric Clinics of North America</i> , 2020, 43, 213-227. | 1.3 | 3 |
| 2276 | <p>>Salvianolic Acid B Improves Chronic Mild Stress-Induced Depressive Behaviors in Rats: Involvement of AMPK/SIRT1 Signaling Pathway</p><p><. <i>Journal of Inflammation Research</i> , 2020, Volume 13, 195-206. | 3.5 | 30 |
| 2277 | Sustained Ultrastructural Changes in Rat Hippocampal Formation After Repeated Electroconvulsive Seizures. <i>International Journal of Neuropsychopharmacology</i> , 2020, 23, 446-458. | 2.1 | 10 |
| 2278 | Plasticity as a therapeutic target for improving cognition and behavior in Down syndrome. <i>Progress in Brain Research</i> , 2020, 251, 269-302. | 1.4 | 13 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2279 | Transcription Factors Phox2a/2b Upregulate Expression of Noradrenergic and Dopaminergic Phenotypes in Aged Rat Brains. <i>Neurotoxicity Research</i> , 2020, 38, 793-807. | 2.7 | 7 |
| 2280 | Neurogenesis in the damaged mammalian brain. , 2020, , 523-597. | | 1 |
| 2281 | Coprophagy prevention alters microbiome, metabolism, neurochemistry, and cognitive behavior in a small mammal. <i>ISME Journal</i> , 2020, 14, 2625-2645. | 9.8 | 62 |
| 2282 | Do antidepressants promote neurogenesis in adult hippocampus? A systematic review and meta-analysis on naive rodents. , 2020, 210, 107515. | | 34 |
| 2283 | Reduced serum BDNF levels are associated with the increased risk for developing MDD: a caseâ€control study with or without antidepressant therapy. <i>BMC Research Notes</i> , 2020, 13, 83. | 1.4 | 56 |
| 2284 | Toxicity of ayahuasca after 28Âdays daily exposure and effects on monoamines and brain-derived neurotrophic factor (BDNF) in brain of Wistar rats. <i>Metabolic Brain Disease</i> , 2020, 35, 739-751. | 2.9 | 34 |
| 2285 | Raloxifene potentiates the effect of fluoxetine against maximal electroshock induced seizures in mice. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 146, 105261. | 4.0 | 26 |
| 2286 | Neurochemical, Behavioral, and Neurogenic Validation of a Hyposerotonergic Animal Model by Voluntary Oral Consumption of <i>para</i> -Chlorophenylalanine. <i>ACS Chemical Neuroscience</i> , 2020, 11, 952-959. | 3.5 | 4 |
| 2287 | Keel bone fractures induce a depressive-like state in laying hens. <i>Scientific Reports</i> , 2020, 10, 3007. | 3.3 | 30 |
| 2288 | The basal ganglia: A central hub for the psychomotor effects of electroconvulsive therapy. <i>Journal of Affective Disorders</i> , 2020, 265, 239-246. | 4.1 | 8 |
| 2289 | Antidepressant-like and pro-neurogenic effects of physical exercise: the putative role of FNDC5/irisin pathway. <i>Journal of Neural Transmission</i> , 2020, 127, 355-370. | 2.8 | 22 |
| 2290 | Effect of sertraline on central serotonin and hippocampal plasticity in pregnant and non-pregnant rats. <i>Neuropharmacology</i> , 2020, 166, 107950. | 4.1 | 11 |
| 2291 | Therapeutic potential of serotonin 4 receptor for chronic depression and its associated comorbidity in the gut. <i>Neuropharmacology</i> , 2020, 166, 107969. | 4.1 | 15 |
| 2292 | Involvement of the Dorsal Hippocampus 5-HT_{1A} Receptors in the Regulation of Depressive-Like Behaviors in Hemiparkinsonian Rats. <i>Neuropsychobiology</i> , 2020, 79, 198-207. | 1.9 | 11 |
| 2293 | Dentate nNOS accounts for stressâ€induced 5-HT_{1A} receptor deficiency: Implication in anxiety behaviors. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 453-464. | 3.9 | 9 |
| 2294 | Melatonin mitigates hippocampal and cognitive impairments caused by prenatal irradiation. <i>European Journal of Neuroscience</i> , 2020, 52, 3575-3594. | 2.6 | 12 |
| 2295 | Fluoxetine effects on behavior and adult hippocampal neurogenesis in female C57BL/6J mice across the estrous cycle. <i>Psychopharmacology</i> , 2020, 237, 1281-1290. | 3.1 | 27 |
| 2296 | On the institutional and intellectual division of labor in epigenetics research: A scientometric analysis. <i>Social Science Information</i> , 2020, 59, 117-143. | 1.6 | 12 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2297 | Dopamine D1R-neuron cacna1c deficiency: a new model of extinction therapy-resistant post-traumatic stress. <i>Molecular Psychiatry</i> , 2021, 26, 2286-2298. | 7.9 | 13 |
| 2298 | Protective effects of mirtazapine in mice lacking the Mbnl2 gene in forebrain glutamatergic neurons: Relevance for myotonic dystrophy 1. <i>Neuropharmacology</i> , 2020, 170, 108030. | 4.1 | 7 |
| 2299 | Neonatal therapy with clenbuterol and salmeterol restores spinogenesis and dendritic complexity in the dentate gyrus of the Ts65Dn model of Down syndrome. <i>Neurobiology of Disease</i> , 2020, 140, 104874. | 4.4 | 12 |
| 2300 | Prenatal Administration of Oleic Acid or Linolenic Acid Reduces Neuromorphological and Cognitive Alterations in Ts65dn Down Syndrome Mice. <i>Journal of Nutrition</i> , 2020, 150, 1631-1643. | 2.9 | 16 |
| 2301 | Proteomic analysis of protein composition of rat hippocampus exposed to morphine for 10 days; comparison with animals after 20 days of morphine withdrawal. <i>PLoS ONE</i> , 2020, 15, e0231721. | 2.5 | 10 |
| 2302 | Interaction Between Neurogenic Stimuli and the Gene Network Controlling the Activation of Stem Cells of the Adult Neurogenic Niches, in Physiological and Pathological Conditions. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 211. | 3.7 | 6 |
| 2303 | Serotonin and stroke. <i>Handbook of Behavioral Neuroscience</i> , 2020, , 989-1000. | 0.7 | 1 |
| 2304 | <p>Diterpene Ginkgolides Exert an Antidepressant Effect Through the NT3-TrkA and Ras-MAPK Pathways</p>. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 1279-1294. | 4.3 | 12 |
| 2305 | Membrane-Associated Î±-Tubulin Is Less Acetylated in Postmortem Prefrontal Cortex from Depressed Subjects Relative to Controls: Cytoskeletal Dynamics, HDAC6, and Depression. <i>Journal of Neuroscience</i> , 2020, 40, 4033-4041. | 3.6 | 12 |
| 2306 | Translating the promise of 5HT₄ receptor agonists for the treatment of depression. <i>Psychological Medicine</i> , 2021, 51, 1111-1120. | 4.5 | 26 |
| 2307 | Hippocampal NG2+ pericytes in chronically stressed rats and depressed patients: a quantitative study. <i>Stress</i> , 2021, 24, 353-358. | 1.8 | 7 |
| 2308 | Minocycline alleviates depression-like symptoms by rescuing decrease in neurogenesis in dorsal hippocampus via blocking microglia activation/phagocytosis. <i>Brain, Behavior, and Immunity</i> , 2021, 91, 519-530. | 4.1 | 101 |
| 2309 | Benefits of animal models to understand the pathophysiology of depressive disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 106, 110049. | 4.8 | 14 |
| 2310 | Signature-based approaches for informed drug repurposing: targeting CNS disorders. <i>Neuropsychopharmacology</i> , 2021, 46, 116-130. | 5.4 | 38 |
| 2311 | Interaction of CEND1 gene and life events in susceptibility to depressive symptoms in Chinese Han college students. <i>Journal of Affective Disorders</i> , 2021, 278, 570-575. | 4.1 | 2 |
| 2312 | CREB1 and BDNF gene polymorphisms are associated with early treatment response to escitalopram in panic disorder. <i>Journal of Affective Disorders</i> , 2021, 278, 536-541. | 4.1 | 5 |
| 2313 | Mood disorders are associated with the reduction of brain derived neurotrophic factor in the hippocampus in rats submitted to the hipercaloric diet. <i>Metabolic Brain Disease</i> , 2021, 36, 145-151. | 2.9 | 7 |
| 2314 | Modulation of premotor cortex response to sequence motor learning during escitalopram intake. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1449-1462. | 4.3 | 3 |

| # | ARTICLE | IF | CITATIONS |
|------|--|------|-----------|
| 2315 | Uncaria rhynchophylla ameliorates unpredictable chronic mild stress-induced depression in mice via activating 5-HT1A receptor: Insights from transcriptomics. <i>Phytomedicine</i> , 2021, 81, 153436. | 5.3 | 18 |
| 2316 | Bupropion monotherapy alters neurotrophic and inflammatory markers in patients of major depressive disorder. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 200, 173073. | 2.9 | 6 |
| 2317 | How Stress Shapes Neuroimmune Function: Implications for the Neurobiology of Psychiatric Disorders. <i>Biological Psychiatry</i> , 2021, 90, 74-84. | 1.3 | 26 |
| 2318 | The Role of Hippocampal Neurogenesis in ANT-DBS for LiCl-Pilocarpine-Induced Epileptic Rats. <i>Stereotactic and Functional Neurosurgery</i> , 2021, 99, 55-64. | 1.5 | 3 |
| 2319 | Psychedelics in Psychiatry: Neuroplastic, Immunomodulatory, and Neurotransmitter Mechanisms. <i>Pharmacological Reviews</i> , 2021, 73, 202-277. | 16.0 | 110 |
| 2320 | Do increases in deep grey matter volumes after electroconvulsive therapy persist in patients with major depression? A longitudinal MRI-study. <i>Journal of Affective Disorders</i> , 2021, 281, 908-917. | 4.1 | 6 |
| 2321 | Effects of classical PKC activation on hippocampal neurogenesis and cognitive performance: mechanism of action. <i>Neuropsychopharmacology</i> , 2021, 46, 1207-1219. | 5.4 | 13 |
| 2322 | Antidepressant drugs act by directly binding to TRKB neurotrophin receptors. <i>Cell</i> , 2021, 184, 1299-1313.e19. | 28.9 | 347 |
| 2323 | Pattern of treatment of behavioural and psychological symptoms of dementia and pain: evidence on pharmacoutilization from a large real-world sample and from a centre for cognitive disturbances and dementia. <i>European Journal of Clinical Pharmacology</i> , 2021, 77, 241-249. | 1.9 | 33 |
| 2324 | Neuroimmunology of depression. <i>Advances in Pharmacology</i> , 2021, 91, 259-292. | 2.0 | 13 |
| 2325 | A distinct transcriptional signature of antidepressant response in hippocampal dentate gyrus granule cells. <i>Translational Psychiatry</i> , 2021, 11, 4. | 4.8 | 4 |
| 2326 | Molecular aspects of regeneration and neuroprotection in neurodegenerative diseases. , 2021, , 225-255. | | 0 |
| 2327 | The neural substrates of different depression symptoms: Animal and human studies. , 2021, , 59-79. | | 1 |
| 2328 | Gauging the role and impact of drug interactions and repurposing in neurodegenerative disorders. <i>Current Research in Pharmacology and Drug Discovery</i> , 2021, 2, 100022. | 3.6 | 5 |
| 2329 | Amine Precursors in Depressive Disorders and the Blood-Brain Barrier. , 2021, , 1-40. | | 1 |
| 2330 | Tranquilizer/Anxiolytics: Tandospirone. , 2021, , 1-26. | | 0 |
| 2331 | The darkness and the light: diurnal rodent models for seasonal affective disorder. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, . | 2.4 | 7 |
| 2332 | Serotonin modulation of hippocampal functions: From anatomy to neurotherapeutics. <i>Progress in Brain Research</i> , 2021, 261, 83-158. | 1.4 | 20 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 2333 | 5-HT/GABA interaction in neurodevelopment and plasticity. Progress in Brain Research, 2021, 259, 287-317. | 1.4 | 3 |
| 2334 | Antidepressants: Pharmacology and Biochemistry. , 2021, , 1-26. | | 0 |
| 2335 | Formation and integration of new neurons in the adult hippocampus. Nature Reviews Neuroscience, 2021, 22, 223-236. | 10.2 | 146 |
| 2336 | Tau Pathology and Adult Hippocampal Neurogenesis: What Tau Mouse Models Tell us?. Frontiers in Neurology, 2021, 12, 610330. | 2.4 | 8 |
| 2337 | Virtual Reality for Neurorehabilitation and Cognitive Enhancement. Brain Sciences, 2021, 11, 221. | 2.3 | 53 |
| 2338 | Fluoxetine regulates eEF2 activity (phosphorylation) via HDAC1 inhibitory mechanism in an LPS-induced mouse model of depression. Journal of Neuroinflammation, 2021, 18, 38. | 7.2 | 46 |
| 2339 | Effects of Selective Serotonin Reuptake Inhibitors on Depression-Like Behavior in a Laser-Induced Shock Wave Model. Frontiers in Neurology, 2021, 12, 602038. | 2.4 | 3 |
| 2340 | The Impact of Intermittent Fasting on Brain-Derived Neurotrophic Factor, Neurotrophin 3, and Rat Behavior in a Rat Model of Type 2 Diabetes Mellitus. Brain Sciences, 2021, 11, 242. | 2.3 | 14 |
| 2341 | The flavonoid 7,8-DHF fosters prenatal brain proliferation potency in a mouse model of Down syndrome. Scientific Reports, 2021, 11, 6300. | 3.3 | 9 |
| 2342 | Chronic Inhibition of FAAH Reduces Depressive-Like Behavior and Improves Dentate Gyrus Proliferation after Chronic Unpredictable Stress Exposure. Behavioural Neurology, 2021, 2021, 1-14. | 2.1 | 14 |
| 2343 | Protocol for systematic review and meta-analysis of the evidence linking hippocampal neurogenesis to the effects of antidepressants on mood and behaviour. BMJ Open Science, 2021, 5, e100077. | 1.7 | 2 |
| 2344 | The Influence of Acute SSRI Administration on White Matter Microstructure in Patients Suffering From Major Depressive Disorder and Healthy Controls. International Journal of Neuropsychopharmacology, 2021, 24, 542-550. | 2.1 | 15 |
| 2345 | Exploring Sonic Hedgehog Cell Signaling in Neurogenesis: Its Potential Role in Depressive Behavior. Neurochemical Research, 2021, 46, 1589-1602. | 3.3 | 9 |
| 2346 | Pten is a key intrinsic factor regulating raphe 5-HT neuronal plasticity and depressive behaviors in mice. Translational Psychiatry, 2021, 11, 186. | 4.8 | 8 |
| 2347 | Transcriptional analysis of sodium valproate in a serotonergic cell line reveals gene regulation through both HDAC inhibition-dependent and independent mechanisms. Pharmacogenomics Journal, 2021, 21, 359-375. | 2.0 | 4 |
| 2348 | Bexarotene Impairs Cognition and Produces Hypothyroidism in a Mouse Model of Down Syndrome and Alzheimer's Disease. Frontiers in Pharmacology, 2021, 12, 613211. | 3.5 | 12 |
| 2349 | Chronic treatment with Escitalopram Reversed Scopolamine-induced Memory Impairment by enhancing Cholinergic activity in Wistar albino Rats. Research Journal of Pharmacy and Technology, 2021, , 1887-1892. | 0.8 | 1 |
| 2350 | Depletion of TrkB Receptors From Adult Serotonergic Neurons Increases Brain Serotonin Levels, Enhances Energy Metabolism and Impairs Learning and Memory. Frontiers in Molecular Neuroscience, 2021, 14, 616178. | 2.9 | 5 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2351 | Translating the immediate effects of S-Ketamine using hippocampal subfield analysis in healthy subjects-results of a randomized controlled trial. <i>Translational Psychiatry</i> , 2021, 11, 200. | 4.8 | 15 |
| 2352 | A longitudinal study of the association between basal ganglia volumes and psychomotor symptoms in subjects with late life depression undergoing ECT. <i>Translational Psychiatry</i> , 2021, 11, 199. | 4.8 | 2 |
| 2353 | Increasing Adult Hippocampal Neurogenesis Promotes Resilience in a Mouse Model of Depression. <i>Cells</i> , 2021, 10, 972. | 4.1 | 19 |
| 2354 | Effects of Antidepressant Treatment on Peripheral Biomarkers in Patients with Major Depressive Disorder (MDD). <i>Journal of Clinical Medicine</i> , 2021, 10, 1706. | 2.4 | 23 |
| 2355 | Rationale and neurobiological effects of treatment with antipsychotics in patients with chronic schizophrenia considering dopamine supersensitivity. <i>Behavioural Brain Research</i> , 2021, 403, 113126. | 2.2 | 10 |
| 2356 | Therapeutic Effect and Mechanisms of Essential Oils in Mood Disorders: Interaction between the Nervous and Respiratory Systems. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4844. | 4.1 | 36 |
| 2357 | Developmental Antecedents of Adult Macaque Neurogenesis: Early-Life Adversity, 5-HTTLPR Polymorphisms, and Adolescent Hippocampal Volume. <i>Journal of Affective Disorders</i> , 2021, 286, 204-212. | 4.1 | 3 |
| 2358 | Microglia Function on Precursor Cells in the Adult Hippocampus and Their Responsiveness to Serotonin Signaling. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 665739. | 3.7 | 21 |
| 2359 | Magnetic seizure therapy is associated with functional and structural brain changes in MDD: Therapeutic versus side effect correlates. <i>Journal of Affective Disorders</i> , 2021, 286, 40-48. | 4.1 | 4 |
| 2360 | Reduced adult neurogenesis is associated with increased macrophages in the subependymal zone in schizophrenia. <i>Molecular Psychiatry</i> , 2021, 26, 6880-6895. | 7.9 | 20 |
| 2361 | Cognition in the Chronic Pain Experience: Preclinical Insights. <i>Trends in Cognitive Sciences</i> , 2021, 25, 365-376. | 7.8 | 38 |
| 2362 | The Neurobiological Effects of Electroconvulsive Therapy Studied Through Magnetic Resonance: What Have We Learned, and Where Do We Go?. <i>Biological Psychiatry</i> , 2022, 91, 540-549. | 1.3 | 37 |
| 2363 | Specific sub-regions along the longitudinal axis of the hippocampus mediate antidepressant-like behavioral effects. <i>Neurobiology of Stress</i> , 2021, 14, 100331. | 4.0 | 9 |
| 2364 | Cholinergic regulation of adult hippocampal neurogenesis and hippocampus-dependent functions. <i>International Journal of Biochemistry and Cell Biology</i> , 2021, 134, 105969. | 2.8 | 4 |
| 2365 | Exercise ameliorates aberrant synaptic plasticity without enhancing adult-born cell survival in the hippocampus of serotonin transporter knockout mice. <i>Brain Structure and Function</i> , 2021, 226, 1991-1999. | 2.3 | 7 |
| 2366 | Role of adult hippocampal neurogenesis in the antidepressant actions of lactate. <i>Molecular Psychiatry</i> , 2021, 26, 6723-6735. | 7.9 | 27 |
| 2367 | Major Depression: One Brain, One Disease, One Set of Intertwined Processes. <i>Cells</i> , 2021, 10, 1283. | 4.1 | 47 |
| 2368 | Inflammation-Induced Histamine Impairs the Capacity of Escitalopram to Increase Hippocampal Extracellular Serotonin. <i>Journal of Neuroscience</i> , 2021, 41, 6564-6577. | 3.6 | 26 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2369 | TGF- β 2/Smad Signalling in Neurogenesis: Implications for Neuropsychiatric Diseases. <i>Cells</i> , 2021, 10, 1382. | 4.1 | 32 |
| 2370 | Theacrine, a Potent Antidepressant Purine Alkaloid from a Special Chinese Tea, Promotes Adult Hippocampal Neurogenesis in Stressed Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 7016-7027. | 5.2 | 12 |
| 2371 | Peroxisome proliferator-activated receptor gamma: a novel therapeutic target for cognitive impairment and mood disorders that functions via the regulation of adult neurogenesis. <i>Archives of Pharmacal Research</i> , 2021, 44, 553-563. | 6.3 | 16 |
| 2372 | Recent advances in the pathology of prodromal non-motor symptoms olfactory deficit and depression in Parkinson's disease: clues to early diagnosis and effective treatment. <i>Archives of Pharmacal Research</i> , 2021, 44, 588-604. | 6.3 | 28 |
| 2373 | Neuroadaptations and TGF- β 2 signaling: emerging role in models of neuropsychiatric disorders. <i>Molecular Psychiatry</i> , 2022, 27, 296-306. | 7.9 | 12 |
| 2374 | Elucidating the Possible Role of FoxO in Depression. <i>Neurochemical Research</i> , 2021, 46, 2761-2775. | 3.3 | 23 |
| 2375 | Automated morphometric analysis with SMorph software reveals plasticity induced by antidepressant therapy in hippocampal astrocytes. <i>Journal of Cell Science</i> , 2021, 134, . | 2.0 | 7 |
| 2376 | Association between lifetime depression history, hippocampal volume and memory in non-amnesic mild cognitive impairment. <i>European Journal of Neuroscience</i> , 2021, 54, 4953-4970. | 2.6 | 0 |
| 2377 | The Neurocircuitry of Posttraumatic Stress Disorder and Major Depression: Insights Into Overlapping and Distinct Circuit Dysfunction—A Tribute to Ron Duman. <i>Biological Psychiatry</i> , 2021, 90, 109-117. | 1.3 | 20 |
| 2378 | Ronald S. Duman (1954–2020): In Memoriam. <i>Biological Psychiatry</i> , 2021, 90, 72-73. | 1.3 | 0 |
| 2379 | Cortical adult neurogenesis and its biological implication. <i>Clinical and Experimental Neuroimmunology</i> , 0, , . | 1.0 | 0 |
| 2380 | Whole and refined grains change behavior and reduce brain derived neurotrophic factor and neurotrophin-3 in rats. <i>Journal of Food Biochemistry</i> , 2021, 45, e13867. | 2.9 | 1 |
| 2381 | Whole-Brain Functional Connectivity Dynamics Associated With Electroconvulsive Therapy Treatment Response. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 312-322. | 1.5 | 5 |
| 2382 | Antidepressant-Like Properties of Intrastriatal Botulinum Neurotoxin-A Injection in a Unilateral 6-OHDA Rat Model of Parkinson's Disease. <i>Toxins</i> , 2021, 13, 505. | 3.4 | 9 |
| 2383 | Psychedelics for Brain Injury: A Mini-Review. <i>Frontiers in Neurology</i> , 2021, 12, 685085. | 2.4 | 9 |
| 2384 | Decreased thalamo-cortico connectivity during an implicit sequence motor learning task and 7 days escitalopram intake. <i>Scientific Reports</i> , 2021, 11, 15060. | 3.3 | 1 |
| 2385 | Adult Neurogenesis and Antidepressant Treatment: The Surprise Finding by Ron Duman and the Field 20 Years Later. <i>Biological Psychiatry</i> , 2021, 90, 96-101. | 1.3 | 24 |
| 2386 | Sex Differences in Major Depressive Disorder (MDD) and Preclinical Animal Models for the Study of Depression. <i>Cold Spring Harbor Perspectives in Biology</i> , 2022, 14, a039198. | 5.5 | 12 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 2387 | Low Doses of Ketamine and Melatonin in Combination Produce Additive Antidepressant-like Effects in Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9225. | 4.1 | 9 |
| 2388 | Electroconvulsive therapy increases temporarily plasma vascular endothelial growth factor in patients with major depressive disorder. <i>Brain and Behavior</i> , 2021, 11, e02001. | 2.2 | 6 |
| 2389 | Adolescent cocaine induced persistent negative affect in female rats exposed to early-life stress. <i>Psychopharmacology</i> , 2021, 238, 3399-3410. | 3.1 | 10 |
| 2390 | Neuroplasticity and depression: Rewiring the brain's networks through pharmacological therapy (Review). <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 1131. | 1.8 | 28 |
| 2391 | Meta-analytic Evidence for Volume Increases in the Medial Temporal Lobe After Electroconvulsive Therapy. <i>Biological Psychiatry</i> , 2021, 90, e11-e17. | 1.3 | 7 |
| 2392 | Electroconvulsive Shock, but Not Transcranial Magnetic Stimulation, Transiently Elevates Cell Proliferation in the Adult Mouse Hippocampus. <i>Cells</i> , 2021, 10, 2090. | 4.1 | 4 |
| 2393 | Locomotion dependent neuron-glia interactions control neurogenesis and regeneration in the adult zebrafish spinal cord. <i>Nature Communications</i> , 2021, 12, 4857. | 12.8 | 22 |
| 2394 | Central Post-Stroke Pain: An Integrative Review of Somatotopic Damage, Clinical Symptoms, and Neurophysiological Measures. <i>Frontiers in Neurology</i> , 2021, 12, 678198. | 2.4 | 12 |
| 2395 | The role of adult hippocampal neurogenesis in epilepsy and comorbidities. <i>Scientia Sinica Vitae</i> , 2021, , . | 0.3 | 0 |
| 2396 | New Molecular Targets for Antidepressant Drugs. <i>Pharmaceuticals</i> , 2021, 14, 894. | 3.8 | 22 |
| 2397 | Involvement of dopamine D2 and glutamate NMDA receptors in the antidepressant-like effect of amantadine in mice. <i>Behavioural Brain Research</i> , 2021, 413, 113443. | 2.2 | 3 |
| 2398 | Hippocampal cytotogenesis abrogation impairs inter-regional communication between the hippocampus and prefrontal cortex and promotes the time-dependent manifestation of emotional and cognitive deficits. <i>Molecular Psychiatry</i> , 2021, 26, 7154-7166. | 7.9 | 12 |
| 2401 | Adult hippocampal neurogenesis in the context of lipopolysaccharide-induced neuroinflammation: A molecular, cellular and behavioral review. <i>Brain, Behavior, and Immunity</i> , 2021, 97, 286-302. | 4.1 | 23 |
| 2402 | Exposure of pregnant rats to stress and/or sertraline: Side effects on maternal health and neurobehavioral development of male offspring. <i>Life Sciences</i> , 2021, 285, 119960. | 4.3 | 5 |
| 2403 | The connection of 5-alpha reductase inhibitors to the development of depression. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112100. | 5.6 | 5 |
| 2404 | Targeting impaired adult hippocampal neurogenesis in ageing by leveraging intrinsic mechanisms regulating Neural Stem Cell activity. <i>Ageing Research Reviews</i> , 2021, 71, 101447. | 10.9 | 14 |
| 2405 | Stimulation of dorsal hippocampal histaminergic transmission mitigates the expression of ethanol withdrawal-induced despair in mice. <i>Alcohol</i> , 2021, 96, 1-14. | 1.7 | 1 |
| 2406 | Oligonucleotides as therapeutic tools for brain disorders: Focus on major depressive disorder and Parkinson's disease. , 2021, 227, 107873. | | 17 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2407 | Fluoxetine and environmental enrichment similarly reverse chronic social stress-related depression- and anxiety-like behavior, but have differential effects on amygdala gene expression. <i>Neurobiology of Stress</i> , 2021, 15, 100392. | 4.0 | 17 |
| 2408 | Chronic vicarious social defeat stress attenuates new-born neuronal cell survival in mouse hippocampus. <i>Behavioural Brain Research</i> , 2022, 416, 113536. | 2.2 | 10 |
| 2409 | Exercise-Induced Increases of Corticosterone Contribute to Exercise-Enhanced Adult Hippocampal Neurogenesis in Mice. <i>Chinese Journal of Physiology</i> , 2021, 64, 186-193. | 1.0 | 5 |
| 2410 | Dentate gyrus activin signaling mediates the antidepressant response. <i>Translational Psychiatry</i> , 2021, 11, 7. | 4.8 | 12 |
| 2411 | 5-HT2B Receptors and Antidepressants. <i>Receptors</i> , 2021, , 349-366. | 0.2 | 0 |
| 2412 | Cognitive Development Considerations for Long-term Safety Exposures in Children. , 0, , 355-382. | | 1 |
| 2413 | Role of Endogenous Neural Stem Cells in Neurological Disease and Brain Repair. , 2006, 557, 191-220. | | 37 |
| 2414 | Extrinsic and Intrinsic Factors Modulating Proliferation and Self-renewal of Multipotential CNS Progenitors and Adult Neural Stem Cells of the Subventricular Zone. , 2006, , 30-83. | | 1 |
| 2415 | Auswahl des Antidepressivums anhand pharmakologischer Wirkprofile. , 2005, , 151-163. | | 1 |
| 2416 | Synaptic Vesicle Associated Proteins and Schizophrenia. , 2009, , 267-284. | | 2 |
| 2417 | Imaging in CNS Disease States: PTSD. , 2010, , 339-360. | | 7 |
| 2418 | Resiliency in Maltreated Children. , 2013, , 161-179. | | 5 |
| 2419 | Mood Disorders and Immunity. , 2013, , 167-209. | | 1 |
| 2420 | Quantitative Cytoarchitectonic Findings in Postmortem Brain Tissue from Mood Disorder Patients. <i>Neurobiological Foundation of Aberrant Behaviors</i> , 2002, , 291-324. | 0.2 | 1 |
| 2421 | Dissecting a Model of Depressive-Related Phenotype and Antidepressant Effects in 129S2/SvPas Mice. <i>Neuromethods</i> , 2015, , 59-82. | 0.3 | 1 |
| 2422 | Glutamate and Depression. , 2005, , 215-234. | | 6 |
| 2423 | Biological Theories of Depression and Implications for Current and New Treatments. , 2011, , 1-32. | | 2 |
| 2424 | Emotionality-Related Consequences of Early Weaning in Mice and Rats. <i>Neuromethods</i> , 2011, , 225-234. | 0.3 | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2425 | Clinical Consequences of the Role of Glutamate and Neuroplasticity in Depressive Disorder. , 2011, , 57-68. | | 2 |
| 2427 | Hippocampal Neurogenesis and Forgetting. , 2017, , 95-121. | | 2 |
| 2428 | Psychoneuroendocrinological and Cognitive Interactions in the Interface Between Chronic Stress and Depression. , 2017, , 161-172. | | 4 |
| 2429 | Brain Circuits Regulated by the 5-HT _{2A} Receptor: Behavioural Consequences on Anxiety and Fear Memory. , 2018, , 231-258. | | 2 |
| 2431 | Wirkungsmechanismen der EKT. , 2013, , 181-199. | | 2 |
| 2432 | Psychopharmakotherapie – pharmakologische Grundlagen. , 2017, , 749-793. | | 2 |
| 2433 | Integration of New Neurons into the Adult Hippocampus. , 2011, , 237-255. | | 1 |
| 2435 | The repair of complex neuronal circuitry by transplanted and endogenous precursors. Neurotherapeutics, 2004, 1, 452-471. | 4.4 | 1 |
| 2436 | Neurogenesis in the Damaged Mammalian Brain. , 2013, , 551-608. | | 5 |
| 2437 | Bipolare Störungen (ICD-10 F3). , 2009, , 199-221. | | 1 |
| 2438 | Exercise reverses ethanol inhibition of neural stem cell proliferation. Alcohol, 2004, 33, 63-71. | 1.7 | 101 |
| 2439 | The impact of electroconvulsive therapy on brain grey matter volume: What does it mean?. Brain Stimulation, 2020, 13, 1226-1231. | 1.6 | 15 |
| 2441 | Synaptic plasticity and mood disorders. , 0, . | | 6 |
| 2442 | Clozapine protects adult neural stem cells from ketamine-induced cell death in correlation with decreased apoptosis and autophagy. Bioscience Reports, 2020, 40, . | 2.4 | 30 |
| 2443 | Antidepressant-dependent mRNA changes in mouse associated with hippocampal neurogenesis in a mouse model of depression. Pharmacogenetics and Genomics, 2012, 22, 765-776. | 1.5 | 28 |
| 2449 | Apolipoprotein AI as Therapy for Atherosclerosis: Does the Future of Preventive Cardiology Include Weekly Injections of the HDL Protein?. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2003, 3, 436-440. | 3.4 | 10 |
| 2450 | A Neurogenic Theory of Depression Gains Momentum. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2003, 3, 441-444. | 3.4 | 18 |
| 2451 | Can New Neurons Replace Memories Lost?. Science of Aging Knowledge Environment: SAGE KE, 2003, 2003, 35pe-35. | 0.8 | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2452 | Abolition of aberrant neurogenesis ameliorates cognitive impairment after stroke in mice. Journal of Clinical Investigation, 2019, 129, 1536-1550. | 8.2 | 84 |
| 2453 | Hippocampal and Amygdalar Volumes in Dissociative Identity Disorder. American Journal of Psychiatry, 2006, 163, 630. | 7.2 | 120 |
| 2454 | Contribution of Pharmacology to Development of Monoaminergic Hypotheses of Depression. , 2011, , 152-175. | | 2 |
| 2455 | Tachykinins and Tachykinin Receptor Antagonists in Depression: Therapeutic Implications. , 2011, , 350-357. | | 7 |
| 2456 | Neural repair in the adult brain. F1000Research, 2016, 5, 169. | 1.6 | 14 |
| 2457 | Treadmill exercise ameliorates disturbance of spatial learning ability in scopolamine-induced amnesia rats. Journal of Exercise Rehabilitation, 2014, 10, 155-161. | 1.0 | 29 |
| 2458 | Treadmill exercise ameliorates social isolation-induced depression through neuronal generation in rat pups. Journal of Exercise Rehabilitation, 2017, 13, 627-633. | 1.0 | 19 |
| 2459 | 5-HT7 Receptor Antagonists as a New Class of Antidepressants. Drug News and Perspectives, 2007, 20, 613. | 1.5 | 58 |
| 2460 | Role of the Amygdala in Antidepressant Effects on Hippocampal Cell Proliferation and Survival and on Depression-like Behavior in the Rat. PLoS ONE, 2010, 5, e8618. | 2.5 | 55 |
| 2461 | Destruction of Dopaminergic Neurons in the Midbrain by 6-Hydroxydopamine Decreases Hippocampal Cell Proliferation in Rats: Reversal by Fluoxetine. PLoS ONE, 2010, 5, e9260. | 2.5 | 57 |
| 2462 | The Roles of BDNF, pCREB and Wnt3a in the Latent Period Preceding Activation of Progenitor Cell Mitosis in The Adult Dentate Gyrus by Fluoxetine. PLoS ONE, 2010, 5, e13652. | 2.5 | 65 |
| 2463 | Microstructural Abnormalities in Subcortical Reward Circuitry of Subjects with Major Depressive Disorder. PLoS ONE, 2010, 5, e13945. | 2.5 | 112 |
| 2464 | Subchronic Peripheral Neuregulin-1 Increases Ventral Hippocampal Neurogenesis and Induces Antidepressant-Like Effects. PLoS ONE, 2011, 6, e26610. | 2.5 | 50 |
| 2465 | ABC Transporters B1, C1 and G2 Differentially Regulate Neuroregeneration in Mice. PLoS ONE, 2012, 7, e35613. | 2.5 | 46 |
| 2466 | Traumatic Brain Injury-Induced Dysregulation of the Circadian Clock. PLoS ONE, 2012, 7, e46204. | 2.5 | 80 |
| 2467 | Regular Moderate or Intense Exercise Prevents Depression-Like Behavior without Change of Hippocampal Tryptophan Content in Chronically Tryptophan-Deficient and Stressed Mice. PLoS ONE, 2013, 8, e66996. | 2.5 | 23 |
| 2468 | Adult Hippocampal Neurogenesis and mRNA Expression are Altered by Perinatal Arsenic Exposure in Mice and Restored by Brief Exposure to Enrichment. PLoS ONE, 2013, 8, e73720. | 2.5 | 61 |
| 2469 | Hippocampal Neurogenesis Levels Predict WATERMAZE Search Strategies in the Aging Brain. PLoS ONE, 2013, 8, e75125. | 2.5 | 106 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2470 | Tricyclic Antidepressant Amitriptyline Indirectly Increases the Proliferation of Adult Dentate Gyrus-Derived Neural Precursors: An Involvement of Astrocytes. PLoS ONE, 2013, 8, e79371. | 2.5 | 18 |
| 2471 | Stem- and Progenitor Cell Proliferation in the Dentate Gyrus of the Reeler Mouse. PLoS ONE, 2015, 10, e0119643. | 2.5 | 33 |
| 2472 | Long-Term Fate Mapping Using Conditional Lentiviral Vectors Reveals a Continuous Contribution of Radial Glia-Like Cells to Adult Hippocampal Neurogenesis in Mice. PLoS ONE, 2015, 10, e0143772. | 2.5 | 11 |
| 2473 | Chronic Fluoxetine Induces the Enlargement of Perforant Path-Granule Cell Synapses in the Mouse Dentate Gyrus. PLoS ONE, 2016, 11, e0147307. | 2.5 | 31 |
| 2474 | Focused Ultrasound-Induced Neurogenesis Requires an Increase in Blood-Brain Barrier Permeability. PLoS ONE, 2016, 11, e0159892. | 2.5 | 58 |
| 2475 | Manipulation of Neural Precursors In Situ: Potential for Brain Self-Repair. , 0, , 229-268. | | 1 |
| 2476 | Increased cellular turnover in response to fluoxetine in neuronal precursors derived from human embryonic stem cells. International Journal of Developmental Biology, 2010, 54, 707-715. | 0.6 | 14 |
| 2477 | Serotonin and exercise-induced brain plasticity. Neurotransmitter (Houston, Tex), 0, , . | 1.2 | 5 |
| 2478 | Neuroprotective properties of compounds of vegetable origin: pentacyclic triterpenes. Psychiatria I Psychologia Kliniczna, 2014, 14, 284-289. | 0.2 | 1 |
| 2479 | Neurological Impairments in Mice Subjected to Irradiation and Chemotherapy. Radiation Research, 2020, 193, 407. | 1.5 | 12 |
| 2480 | Up-regulation of serotonin receptor 2B mRNA and protein in the peri-infarcted area of aged rats and stroke patients. Oncotarget, 2016, 7, 17415-17430. | 1.8 | 24 |
| 2481 | Candidate genes for antidepressant response to selective serotonin reuptake inhibitors. Neuropsychiatric Disease and Treatment, 2005, 1, 17-35. | 2.2 | 27 |
| 2482 | Preclinical Profile of Bacopasides From Bacopa monnieri (BM) As An Emerging Class of Therapeutics for Management of Chronic Pains. Current Medicinal Chemistry, 2013, 20, 1028-1037. | 2.4 | 16 |
| 2483 | Signaling Pathways Involved in Antidepressant-Induced Cell Proliferation and Synaptic Plasticity. Current Pharmaceutical Design, 2014, 20, 3776-3794. | 1.9 | 28 |
| 2484 | Glycogen Synthase Kinase-3 (GSK3) in Psychiatric Diseases and Therapeutic Interventions. Current Drug Targets, 2006, 7, 1421-1434. | 2.1 | 339 |
| 2485 | Long-Term Effects of Intracerebroventricular Streptozotocin Treatment on Adult Neurogenesis in the Rat Hippocampus. Current Alzheimer Research, 2015, 12, 772-784. | 1.4 | 28 |
| 2486 | Noradrenergic Regulation of Glial Activation: Molecular Mechanisms and Therapeutic Implications. Current Neuropharmacology, 2014, 12, 342-352. | 2.9 | 43 |
| 2487 | Endothelin Receptors, Mitochondria and Neurogenesis in Cerebral Ischemia. Current Neuropharmacology, 2016, 14, 619-626. | 2.9 | 34 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2488 | Adult Neurogenesis in Epileptogenesis: An Update for Preclinical Finding and Potential Clinical Translation. <i>Current Neuropharmacology</i> , 2020, 18, 464-484. | 2.9 | 13 |
| 2489 | Is Adult Hippocampal Neurogenesis Really Relevant for the Treatment of Psychiatric Disorders?. <i>Current Neuropharmacology</i> , 2021, 19, 1640-1660. | 2.9 | 10 |
| 2490 | Microenvironmental Determinants of Adult Neural Stem Cell Proliferation and Lineage Commitment in the Healthy and Injured Central Nervous System. <i>Current Stem Cell Research and Therapy</i> , 2008, 3, 163-184. | 1.3 | 44 |
| 2491 | Neural Mechanisms of Exercise: Anti-Depression, Neurogenesis, and Serotonin Signaling. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015, 14, 1307-1311. | 1.4 | 45 |
| 2492 | Tetrahydrobiopterin Pathway may Provide Novel Molecular Targets for Acute and Long Term Efficacy of Mood-Regulating Drugs. <i>Current Pharmacogenomics and Personalized Medicine</i> , 2010, 8, 174-181. | 0.2 | 1 |
| 2493 | Neurogenic potential of Mueller glia in the adult mammalian retina. <i>Inflammation and Regeneration</i> , 2007, 27, 499-505. | 3.7 | 4 |
| 2494 | Hippocampal Mechanisms Linking Chronic Pain and Depression. <i>Journal of Neuropathic Pain & Symptom Palliation</i> , 2006, 2, 15-32. | 0.1 | 2 |
| 2495 | Structural plasticity of the adult brain: how animal models help us understand brain changes in depression and systemic disorders related to depression. <i>Dialogues in Clinical Neuroscience</i> , 2004, 6, 119-133. | 3.7 | 34 |
| 2496 | Cellular abnormalities in depression: evidence from postmortem brain tissue. <i>Dialogues in Clinical Neuroscience</i> , 2004, 6, 185-197. | 3.7 | 47 |
| 2497 | Neural plasticity: consequences of stress and actions of antidepressant treatment. <i>Dialogues in Clinical Neuroscience</i> , 2004, 6, 157-169. | 3.7 | 68 |
| 2498 | Nonpharmacological, somatic treatments of depression: electroconvulsive therapy and novel brain stimulation modalities. <i>Dialogues in Clinical Neuroscience</i> , 2006, 8, 241-258. | 3.7 | 33 |
| 2499 | Traumatic stress: effects on the brain. <i>Dialogues in Clinical Neuroscience</i> , 2006, 8, 445-461. | 3.7 | 434 |
| 2500 | Neuropsychiatric manifestations of depression in multiple sclerosis: neuroinflammatory, neuroendocrine, and neurotrophic mechanisms in the pathogenesis of immune-mediated depression. <i>Dialogues in Clinical Neuroscience</i> , 2007, 9, 125-139. | 3.7 | 44 |
| 2501 | The neurotrophic and neuroprotective effects of psychotropic agents. <i>Dialogues in Clinical Neuroscience</i> , 2009, 11, 333-348. | 3.7 | 100 |
| 2502 | Neuronal damage and protection in the pathophysiology and treatment of psychiatric illness: stress and depression. <i>Dialogues in Clinical Neuroscience</i> , 2009, 11, 239-255. | 3.7 | 165 |
| 2503 | Chronic depression as a model disease for cerebral aging. <i>Dialogues in Clinical Neuroscience</i> , 2013, 15, 77-85. | 3.7 | 24 |
| 2504 | Effects of Valerian on the level of 5-hydroxytryptamine, cell proliferation and neurons in cerebral hippocampus of rats with depression induced by chronic mild stress. <i>Zhong Xi Yi Jie He Xue Bao</i> , 2008, 6, 283-288. | 0.7 | 7 |
| 2505 | Effect of fluoxetine on depression-induced changes in the expression of vasoactive intestinal polypeptide and corticotrophin releasing factor in rat duodenum. <i>World Journal of Gastroenterology</i> , 2007, 13, 6060. | 3.3 | 7 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2506 | Neuroimaging Studies Reveal Brain Changes in Posttraumatic Stress Disorder. <i>Psychiatric Annals</i> , 2004, 34, 845-856. | 0.1 | 10 |
| 2507 | PDE4B gene polymorphism in Russian patients with panic disorder. <i>AIMS Genetics</i> , 2019, 06, 055-063. | 1.9 | 4 |
| 2508 | Neurogenesis within the adult hippocampus under physiological conditions and in depression. <i>Neural Regeneration Research</i> , 2012, 7, 552-9. | 3.0 | 14 |
| 2509 | Stem cell therapy in neurodegenerative diseases: From principles to practice. <i>Neural Regeneration Research</i> , 2012, 7, 1822-31. | 3.0 | 38 |
| 2510 | Effects of Citalopram on Cognitive Performance in Passive Avoidance, Elevated Plus-Maze and Three-Panel Runway Tasks in Naïve Rats. <i>Chinese Journal of Physiology</i> , 2011, 54, 36-46. | 1.0 | 17 |
| 2511 | Length of Time Between Onset of Childhood Sexual Abuse and Emergence of Depression in a Young Adult Sample. <i>Journal of Clinical Psychiatry</i> , 2009, 70, 684-691. | 2.2 | 80 |
| 2512 | Neuropsychophysiological correlates of depression. <i>Industrial Psychiatry</i> , 2010, 19, 82. | 0.8 | 8 |
| 2513 | Vagal nerve stimulator: Evolving trends. <i>Journal of Natural Science, Biology and Medicine</i> , 2013, 4, 8. | 1.0 | 68 |
| 2514 | Regulation of adult neurogenesis in the hippocampus by stress, acetylcholine and dopamine. <i>Journal of Natural Science, Biology and Medicine</i> , 2011, 2, 26. | 1.0 | 44 |
| 2515 | Acupuncture/electroacupuncture enhances anti-depressant effect of Seroxat: the Symptom Checklist-90 scores. <i>Neural Regeneration Research</i> , 2014, 9, 213. | 3.0 | 16 |
| 2516 | Citalopram increases the differentiation efficacy of bone marrow mesenchymal stem cells into neuronal-like cells. <i>Neural Regeneration Research</i> , 2014, 9, 845. | 3.0 | 10 |
| 2517 | Molecular mechanism of noradrenaline during the stress-induced major depressive disorder. <i>Neural Regeneration Research</i> , 2018, 13, 1159. | 3.0 | 55 |
| 2518 | Paternal physical exercise modulates global DNA methylation status in the hippocampus of male rat offspring. <i>Neural Regeneration Research</i> , 2019, 14, 491. | 3.0 | 20 |
| 2519 | Effects of different doses of doxepin on passive avoidance learning in rats. <i>Advanced Biomedical Research</i> , 2013, 2, 66. | 0.5 | 8 |
| 2520 | Effects of amitriptyline and fluoxetine on synaptic plasticity in the dentate gyrus of hippocampal formation in rats. <i>Advanced Biomedical Research</i> , 2014, 3, 199. | 0.5 | 12 |
| 2521 | Neurogenesis-enhancing effect of sodium ferulate and its role in repair following stress-induced neuronal damage. <i>World Journal of Neuroscience</i> , 2011, 01, 9-18. | 0.1 | 6 |
| 2522 | Biological Studies on Alcohol-Induced Neuronal Damage. <i>Psychiatry Investigation</i> , 2008, 5, 21. | 1.6 | 29 |
| 2523 | Stress Changes the Spatial Arrangement of Neurons and Glial Cells of Medial Prefrontal Cortex and Sertraline and Curcumin Prevent It. <i>Psychiatry Investigation</i> , 2015, 12, 73. | 1.6 | 15 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2524 | Profiling of Proteins Regulated by Venlafaxine during Neural Differentiation of Human Cells. Psychiatry Investigation, 2015, 12, 81. | 1.6 | 3 |
| 2525 | Decreased Plasma BDNF Levels of Patients with Somatization Disorder. Psychiatry Investigation, 2016, 13, 526. | 1.6 | 7 |
| 2527 | Cell-intrinsic signals that regulate adult neurogenesis in vivo: insights from inducible approaches. BMB Reports, 2009, 42, 245-259. | 2.4 | 58 |
| 2528 | Peripheral Neuromodulation: An Update. BÃ³l, 2017, 18, 15-27. | 0.1 | 5 |
| 2529 | Clinical, Research and Treatment Approaches to Affective Disorders. , 2012, , . | | 2 |
| 2530 | Neurogenesis in Adult Hippocampus. , 0, , . | | 1 |
| 2531 | Biological Prediction of Suicidal Behavior in Patients with Major Depressive Disorder. , 0, , . | | 2 |
| 2532 | Non-Response to Initial Antidepressant Therapy. , 0, , . | | 2 |
| 2533 | Chronic Fluoxetine Administration during Different Postnatal Development Stages Leads to Stage Dependent Changes of Glial Fibrillary Acidic Protein Expression in Rat Brain. British Journal of Medicine and Medical Research, 2012, 2, 292-312. | 0.2 | 1 |
| 2534 | VGF as a biomarker and therapeutic target in neurodegenerative and psychiatric diseases. Brain Communications, 2021, 3, fcb261. | 3.3 | 35 |
| 2535 | Short Daily Exposure to Environmental Enrichment, Fluoxetine, or Their Combination Reverses Deterioration of the Coat and Anhedonia Behaviors with Differential Effects on Hippocampal Neurogenesis in Chronically Stressed Mice. International Journal of Molecular Sciences, 2021, 22, 10976. | 4.1 | 9 |
| 2536 | Implications of Cannabis sativa on serotonin receptors 1B (HTR1B) and 7 (HTR7) genes in modulation of aggression and depression. Vegetos, 2022, 35, 19-25. | 1.5 | 1 |
| 2537 | ECT-induced cognitive side effects are associated with hippocampal enlargement. Translational Psychiatry, 2021, 11, 516. | 4.8 | 24 |
| 2539 | Depression â€” Aktueller Kenntnisstand zu den neurobiologischen ErklÃ¤rungsansÃ¤tzen und zu MÃ¶glichkeiten der Versorgungsoptimierung. , 2003, , 49-57. | | 0 |
| 2540 | Signaling through Gz. , 2003, , 601-604. | | 1 |
| 2541 | Regulation of Neural Stem Cells in the Adult Mammalian Brain. , 2003, , 219-256. | | 0 |
| 2542 | Therapeutic Potential of Tachykinin Receptor Antagonists in Depression and Anxiety Disorders. Handbook of Experimental Pharmacology, 2004, , 341-357. | 1.8 | 0 |
| 2543 | Pre-protachykinin and Tachykinin Receptor Knockout Mice. Handbook of Experimental Pharmacology, 2004, , 297-340. | 1.8 | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2544 | Biological Theories of Depression and Implications for Current and New Treatments. , 2004, , 1-32. | | 2 |
| 2545 | Wissenschaftliche Grundlagen der EKT. , 2004, , 43-150. | | 0 |
| 2546 | Looking Beyond the Monoamine Hypothesis. European Neurological Review, 2006, , 1. | 0.5 | 2 |
| 2547 | Bipolare Störungen (ICD-10 F3). , 2006, , 127-145. | | 0 |
| 2548 | Neural Stem Cells: On Where They Hide, in Which Disguise, and How We May Lure Them Out. Handbook of Experimental Pharmacology, 2006, , 319-360. | 1.8 | 12 |
| 2549 | Glia and Hippocampal Neurogenesis in the Normal, Aged and Epileptic Brain. , 2007, , 375-390. | | 0 |
| 2550 | Bipolare Störungen (ICD-10 F3). , 2007, , 179-199. | | 0 |
| 2551 | The Kindling/Sensitization Model: Implications for the Pathophysiology of Bipolar Disorder. Medical Psychiatry, 2007, , 297-323. | 0.2 | 0 |
| 2552 | Psychopharmakotherapie – Pharmakologische Grundlagen. , 2008, , 583-623. | | 0 |
| 2553 | 5-Hydroxytryptamine in the Central Nervous System. , 2008, , 171-212. | | 1 |
| 2554 | Time of Day and Length of Antidepressant Drug Administration Influence Brain-Derived Neurotrophic Factor and TrkB Levels in Rat Brain. The Open Pharmacology Journal, 2009, 3, 1-8. | 0.4 | 0 |
| 2555 | Neurogenesis: A Change of Paradigms. , 2010, , 11-33. | | 3 |
| 2556 | Chapter 4. Chemical Biology of Stem Cell Modulation. RSC Drug Discovery Series, 2010, , 97-150. | 0.3 | 0 |
| 2557 | Unliganded thyroid hormone receptor $\alpha 1$ impairs adult hippocampal neurogenesis. FASEB Journal, 2010, 24, 4793-4805. | 0.5 | 14 |
| 2558 | Proteome Effects of Antidepressant Medications. Advances in Neurobiology, 2011, , 399-441. | 1.8 | 0 |
| 2559 | Serotonergic Control of Adult Neurogenesis: Focus on 5-HT _{2C} Receptors. Receptors, 2011, , 169-185. | 0.2 | 0 |
| 2561 | Psychopharmakotherapie: pharmakologische Grundlagen. , 2011, , 683-729. | | 0 |
| 2563 | The Neuroscience of Learning. , 2012, , 69-82. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2564 | Glycogen Synthase Kinase-3 in Neurological Diseases. Neuromethods, 2012, , 153-188. | 0.3 | 2 |
| 2565 | Exercise Prevents Cognitive Deficit and Depression via Improvement of Adult Hippocampal Neurogenesis. Nihon Ika Daigaku Igakkai Zasshi, 2012, 8, 168-173. | 0.0 | 0 |
| 2566 | Innate Immune Signaling and Alcoholism. , 2013, , 251-278. | | 1 |
| 2567 | Der Einfluss von Sport und Bewegung auf die neuronale Konnektivität. , 2013, , 29-34. | | 0 |
| 2568 | Metabolic and Behavioral Effects of Serotonergic Antidepressants in Rats Exposed to Swim Endurance Stress. Journal of Basic & Applied Sciences, 0, , . | 0.8 | 0 |
| 2569 | Serotonergic Modulation of Activity Pattern on Neuronal Network. IEEE Transactions on Electronics, Information and Systems, 2013, 133, 1814-1819. | 0.2 | 0 |
| 2570 | Stem Cell Therapies for Age Associated Neurodegeneration. , 2014, , 2299-2314. | | 0 |
| 2571 | Antidepressant Action and Hippocampal Neuronal Plasticity. Nihon Ika Daigaku Igakkai Zasshi, 2014, 10, 6-12. | 0.0 | 0 |
| 2572 | Neurogenesis. , 2014, , 1-5. | | 0 |
| 2573 | Literaturverzeichnis zu Voderholzer, Hohagen (Hrsg.): Therapie psychischer Erkrankungen, 9. Auflage. , 2014, , 1-91. | | 0 |
| 2574 | Effects of Lithium and Valproic Acid on the Production of Brain-Derived Neurotrophic Factor in Astrocytoma. Open Journal of Psychiatry, 2014, 04, 261-268. | 0.6 | 0 |
| 2575 | Role of Neural Stem and Progenitor Cells in the Adaptation of the Brain to Injury. Pancreatic Islet Biology, 2014, , 57-85. | 0.3 | 0 |
| 2576 | The Role of Adult-Born Dentate Granule Neurons in the Regulation of Mood. Pancreatic Islet Biology, 2015, , 41-52. | 0.3 | 0 |
| 2577 | Flow Cytometry-Based Quantification of Neurogenesis in the Central Nervous System. Neuromethods, 2015, , 141-150. | 0.3 | 0 |
| 2578 | Der Einfluss von Sport und Bewegung auf die neuronale Konnektivität. , 2015, , 11-16. | | 0 |
| 2579 | Literaturverzeichnis zu Voderholzer, Hohagen (Hrsg.): Therapie psychischer Erkrankungen, 10. Auflage. , 2015, , e1-e96. | | 0 |
| 2580 | Der Einfluss von Sport und Bewegung auf die neuronale Konnektivität. , 2015, , 215-220. | | 0 |
| 2581 | Prevention of Stress-Induced Cognitive Impairment: Today and Tomorrow. , 2015, , 119-139. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2582 | Exercise-induced neuronal effects and the 5-HT ₃ receptor. Neurotransmitter (Houston, Tex), 0, , . | 1.2 | 1 |
| 2586 | Are adult neurogenesis and glucocorticoid signaling missing links between stress and depression?. Arhiv Za Farmaciju, 2016, 66, 207-216. | 0.5 | 3 |
| 2589 | Stress and Neuronal Plasticity. , 2017, , . | | 0 |
| 2590 | Literaturverzeichnis zu Voderholzer/Hohagen (Hrsg.): Therapie psychischer Erkrankungen, 13. Auflage. , 2017, , 1-111. | | 0 |
| 2591 | Electroconvulsive Therapy and Brain Damage: Survey of the Evidence From a Philosophical Promontory. Ethical Human Psychology and Psychiatry, 2017, 19, 24-50. | 0.5 | 2 |
| 2592 | Behavioral, Biochemical and Hematological Studies of New Synthetic Adrenergic Related Antidepressant Compound on Rats. Journal of Developing Drugs, 2017, 06, . | 0.9 | 0 |
| 2594 | Neurogenesis in adult human brain. Substantiation of a therapeutic approach. Patologicheskaia Fiziologija i Eksperimental'naia Terapiia, 2017, , 126-135. | 0.1 | 1 |
| 2595 | Encapsulated stem cells ameliorate depressive-like behavior via growth factor secretion. Brain Circulation, 2018, 4, 128. | 1.8 | 4 |
| 2596 | Psychische Erkrankungen. , 2018, , 813-845. | | 0 |
| 2600 | Insights from Cognitive Neuroscience. , 2019, , 25-52. | | 0 |
| 2601 | Literaturverzeichnis zu Voderholzer/Hohagen (Hrsg.): Therapie psychischer Erkrankungen, 14. Auflage. , 2019, , 1-119. | | 0 |
| 2602 | Immunological Aspects of Depressive Disorder – The Review. Serbian Journal of Experimental and Clinical Research, 2019, . | 0.1 | 0 |
| 2612 | Cell Cycle Regulation of Hippocampal Progenitor Cells in Experimental Models of Depression and after Treatment with Fluoxetine. International Journal of Molecular Sciences, 2021, 22, 11798. | 4.1 | 2 |
| 2613 | Change of Hypothalamic Adult Neurogenesis in Mice by Chronic Treatment of Antidepressant. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 2615 | Molekulare Aspekte antidepressiver Therapien: Signaltransduktionskaskaden und Gentranskriptionsmechanismen. , 2005, , 535-542. | | 0 |
| 2617 | Neuroscience of Emotional Memory and Posttraumatic Stress Disorder. , 2006, , 47-53. | | 0 |
| 2618 | Network Synchronization/Desynchronization Defects in the Pathogenesis of Neuropsychiatric Disorders. , 2008, , 417-421. | | 0 |
| 2619 | Neurogenesis in Alzheimer's Disease. , 2006, , 359-370. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 2620 | Zukunftsstrategien für die Entdeckung neuer Antidepressiva. , 2008, , 125-145. | | 1 |
| 2621 | Decoding the Genetics and Underlying Mechanisms of Mood Disorders Sevilla D. Detera-Wadleigh and Takeo Yoshikawa. Nucleic Acids and Molecular Biology, 2009, , 1-50. | 0.2 | 0 |
| 2622 | First Evidence of Kv3.1b Potassium Channel Subtype Expression during Neuronal Serotonergic 1C11 Cell Line Development. International Journal of Molecular Sciences, 2020, 21, 7175. | 4.1 | 4 |
| 2623 | Alterations in BDNF Protein Concentrations in the Hippocampus do not Explain the Pro-Neurogenic Effect of Citalopram on Adult Neurogenesis. Pharmacopsychiatry, 2021, 54, 101-105. | 3.3 | 2 |
| 2625 | Molecular and Cellular Mechanisms Regulating Quiescence and Division of Hippocampal Stem Cells. Neurochemical Journal, 2020, 14, 329-346. | 0.5 | 0 |
| 2626 | p53 upregulated mediator of apoptosis (Puma) deficiency increases survival of adult neural stem cells generated physiologically in the hippocampus, but does not protect stem cells generated in surplus after an excitotoxic lesion. Journal of Basic and Clinical Physiology and Pharmacology, 2021, 32, 57-66. | 1.3 | 2 |
| 2627 | Neuroprotective effects of antidepressant and mood stabilizing drugs. Journal of Psychiatry and Neuroscience, 2002, 27, 8-9. | 2.4 | 35 |
| 2628 | The neurobiology of treatment response to antidepressants and mood stabilizing medications. Journal of Psychiatry and Neuroscience, 2002, 27, 260-5. | 2.4 | 27 |
| 2629 | Implications of adult hippocampal neurogenesis in antidepressant action. Journal of Psychiatry and Neuroscience, 2004, 29, 196-205. | 2.4 | 137 |
| 2630 | The role of the hippocampus in the pathophysiology of major depression. Journal of Psychiatry and Neuroscience, 2004, 29, 417-26. | 2.4 | 529 |
| 2631 | Amitriptyline and fluoxetine protect PC12 cells from cell death induced by hydrogen peroxide. Journal of Psychiatry and Neuroscience, 2005, 30, 196-201. | 2.4 | 78 |
| 2632 | Antidepressant effects of exercise: evidence for an adult-neurogenesis hypothesis?. Journal of Psychiatry and Neuroscience, 2006, 31, 84-92. | 2.4 | 183 |
| 2633 | The underlying neurobiology of bipolar disorder. World Psychiatry, 2003, 2, 136-46. | 10.4 | 97 |
| 2634 | Is the thyroid still important in major depression?. Journal of Psychiatry and Neuroscience, 2006, 31, 367-8. | 2.4 | 9 |
| 2635 | Vulnerability for apoptosis in the limbic system after myocardial infarction in rats: a possible model for human postinfarct major depression. Journal of Psychiatry and Neuroscience, 2007, 32, 11-6. | 2.4 | 44 |
| 2637 | Electroconvulsive shock enhances striatal dopamine D1 and D3 receptor binding and improves motor performance in 6-OHDA-lesioned rats. Journal of Psychiatry and Neuroscience, 2007, 32, 193-202. | 2.4 | 28 |
| 2638 | Structural integrity of the uncinate fasciculus in geriatric depression: Relationship with age of onset. Neuropsychiatric Disease and Treatment, 2007, 3, 669-74. | 2.2 | 71 |
| 2642 | Neurogenesis and the effect of antidepressants. Drug Target Insights, 2006, 1, 13-7. | 1.4 | 9 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 2643 | Neuropsychological functioning in patients with posttraumatic stress disorder following short-term paroxetine treatment. <i>Psychopharmacology Bulletin</i> , 2009, 42, 53-68. | 0.0 | 8 |
| 2646 | Adult neural stem cells: redefining the physio- and pathology of the CNS. <i>International Journal of Biomedical Science</i> , 2008, 4, 1-7. | 0.1 | 1 |
| 2649 | The effects of doxepin on stress-induced learning, memory impairments, and TNF- α level in the rat hippocampus. <i>Research in Pharmaceutical Sciences</i> , 2015, 10, 460-5. | 1.8 | 16 |
| 2650 | Paroxetine Can Enhance Neurogenesis during Neurogenic Differentiation of Human Adipose-derived Stem Cells. <i>Avicenna Journal of Medical Biotechnology</i> , 2016, 8, 152-158. | 0.3 | 6 |
| 2651 | Even neural stem cells get the blues: evidence for a molecular link between modulation of adult neurogenesis and depression. <i>Gene Expression</i> , 2008, 14, 183-93. | 1.2 | 24 |
| 2652 | ADULT NEUROGENESIS IN HUMANS: A Review of Basic Concepts, History, Current Research, and Clinical Implications. <i>Innovations in Clinical Neuroscience</i> , 2019, 16, 30-37. | 0.1 | 20 |
| 2653 | Response to fluoxetine in children and adolescents: a weighted gene co-expression network analysis of peripheral blood. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 2028-2040. | 0.0 | 0 |
| 2654 | Antidepressants and Circadian Rhythm: Exploring Their Bidirectional Interaction for the Treatment of Depression. <i>Pharmaceutics</i> , 2021, 13, 1975. | 4.5 | 12 |
| 2655 | Enduring Effects of Conditional Brain Serotonin Knockdown, Followed by Recovery, on Adult Rat Neurogenesis and Behavior. <i>Cells</i> , 2021, 10, 3240. | 4.1 | 2 |
| 2656 | Chemotherapy-Induced Cognitive Impairment and Hippocampal Neurogenesis: A Review of Physiological Mechanisms and Interventions. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12697. | 4.1 | 30 |
| 2657 | Does COVID-19 Affect Adult Neurogenesis? A Neurochemical Perspective. , 0, , . | | 0 |
| 2658 | GABA System in Depression: Impact on Pathophysiology and Psychopharmacology. <i>Current Medicinal Chemistry</i> , 2022, 29, 5710-5730. | 2.4 | 14 |
| 2659 | How Is the Norepinephrine System Involved in the Antiepileptic Effects of Vagus Nerve Stimulation?. <i>Frontiers in Neuroscience</i> , 2021, 15, 790943. | 2.8 | 19 |
| 2660 | Electroconvulsive therapy, electric field, neuroplasticity, and clinical outcomes. <i>Molecular Psychiatry</i> , 2022, 27, 1676-1682. | 7.9 | 28 |
| 2661 | BDNF signaling in context: From synaptic regulation to psychiatric disorders. <i>Cell</i> , 2022, 185, 62-76. | 28.9 | 160 |
| 2662 | Constitutive Neurogenesis in the Brain of Different Vertebrate Groups. <i>Neurophysiology</i> , 2020, 52, 456-470. | 0.3 | 0 |
| 2663 | Depression and Dementia in Older Adults: A Neuropsychological Review. , 2021, 12, 1920. | | 20 |
| 2664 | Does Sertraline Affect Hypothalamic Food Intake Peptides in the Rat Experimental Model of Chronic Mild Stress-Induced Depression?. <i>Neurochemical Research</i> , 2022, 47, 1299. | 3.3 | 2 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2665 | Possible role of arginase 1 positive microglia on depressive/anxiety-like behaviors in atopic dermatitis mouse model. Archives of Pharmacal Research, 2022, 45, 11-28. | 6.3 | 5 |
| 2666 | Novel Pharmacological Approaches to the Treatment of Depression. Life, 2022, 12, 196. | 2.4 | 22 |
| 2667 | Recent Advances in Small Molecule Stimulation of Regeneration and Repair. Bioorganic and Medicinal Chemistry Letters, 2022, 61, 128601. | 2.2 | 1 |
| 2668 | Electroconvulsive shock increases neurotrophs and neurogenesis: Time course and treatment session effects. Psychiatry Research, 2022, 309, 114390. | 3.3 | 4 |
| 2669 | Interactions between the hippocampus and the auditory pathway. Neurobiology of Learning and Memory, 2022, 189, 107589. | 1.9 | 12 |
| 2670 | Change of hypothalamic adult neurogenesis in mice by chronic treatment of fluoxetine. BMC Research Notes, 2022, 15, 60. | 1.4 | 6 |
| 2671 | Depression and Autoimmune Hypothyroidism—Their Relationship and the Effects of Treating Psychiatric and Thyroid Disorders on Changes in Clinical and Biochemical Parameters Including BDNF and Other Cytokines—A Systematic Review. Pharmaceuticals, 2022, 15, 391. | 3.8 | 5 |
| 2672 | Effects of exosomes on adult hippocampal neurogenesis and neuropsychiatric disorders. Molecular Biology Reports, 2022, 49, 6763-6777. | 2.3 | 6 |
| 2673 | Dysregulation of adult hippocampal neuroplasticity in major depression: pathogenesis and therapeutic implications. Molecular Psychiatry, 2022, 27, 2689-2699. | 7.9 | 90 |
| 2674 | Prospects for Neurotrophic Factor-Based Early Intervention in Schizophrenia: Lessons Learned from the Effects of Antipsychotic Drugs on Cognition, Neurogenesis, and Neurotrophic Factors. CNS and Neurological Disorders - Drug Targets, 2022, 21, . | 1.4 | 0 |
| 2675 | Suicide: Allostatic regulation and resilience. Psychoneuroendocrinology, 2022, 139, 105691. | 2.7 | 5 |
| 2676 | Exercise rather than fluoxetine promotes oligodendrocyte differentiation and myelination in the hippocampus in a male mouse model of depression. Translational Psychiatry, 2021, 11, 622. | 4.8 | 14 |
| 2677 | Neurogenesis-dependent antidepressant-like activity of Hericium erinaceus in an animal model of depression. Chinese Medicine, 2021, 16, 132. | 4.0 | 22 |
| 2679 | FEAR, FUN, AND THE BOUNDARIES OF SOCIAL EXPERIENCE. , 2010, , 375-377. | | 0 |
| 2687 | Introductory and Basic Aspects. , 0, , 2-50. | | 0 |
| 2688 | Introductory and Basic Aspects. , 0, , 618-880. | | 0 |
| 2689 | Induction of adult neurogenesis: molecular manipulation of neural precursors in situ. Annals of the New York Academy of Sciences, 2003, 991, 229-36. | 3.8 | 12 |
| 2690 | Effects of imipramine and lithium on the suppression of cell proliferation in the dentate gyrus of the hippocampus in adrenocorticotrophic hormone-treated rats. Acta Medica Okayama, 2010, 64, 219-23. | 0.2 | 5 |

| # | ARTICLE | IF | CITATIONS |
|------|---|------|-----------|
| 2691 | Integrative Brain Dynamics in Childhood Bullying Victimization: Cognitive and Emotional Convergence Associated With Stress Psychopathology. <i>Frontiers in Integrative Neuroscience</i> , 2022, 16, 782154. | 2.1 | 6 |
| 2692 | Neurobiology of Depression: Chronic Stress Alters the Glutamatergic System in the Brain—Focusing on AMPA Receptor. <i>Biomedicines</i> , 2022, 10, 1005. | 3.2 | 12 |
| 2693 | Ketamine activates adult-born immature granule neurons to rapidly alleviate depression-like behaviors in mice. <i>Nature Communications</i> , 2022, 13, 2650. | 12.8 | 30 |
| 2694 | Neurogenesis in aging and age-related neurodegenerative diseases. <i>Ageing Research Reviews</i> , 2022, 78, 101636. | 10.9 | 41 |
| 2695 | The NOP antagonist BTRX-246040 increases stress resilience in mice without affecting adult neurogenesis in the hippocampus. <i>Neuropharmacology</i> , 2022, 212, 109077. | 4.1 | 5 |
| 2696 | Psychopathology and Stem Cell Mobilization in Ultra-High Risk of Psychosis and First-Episode Psychosis Patients. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6001. | 2.6 | 1 |
| 2699 | ERR β Ligand Regulates Adult Neurogenesis and Depression-like Behavior in a LRRK2-G2019S-associated Young Female Mouse Model of Parkinson's Disease. <i>Neurotherapeutics</i> , 2022, 19, 1298-1312. | 4.4 | 4 |
| 2700 | Effect of Escitalopram on the Number of DCX-Positive Cells and NMUR2 Receptor Expression in the Rat Hippocampus under the Condition of NPSR Receptor Blockade. <i>Pharmaceuticals</i> , 2022, 15, 631. | 3.8 | 0 |
| 2701 | Revisiting the antidepressant-like effects of desipramine in male and female adult rats: sex disparities in neurochemical correlates. <i>Pharmacological Reports</i> , 2022, 74, 626-636. | 3.3 | 6 |
| 2705 | Hippocampal Mechanisms Linking Chronic Pain and Depression. <i>Journal of Neuropathic Pain & Symptom Palliation</i> , 2008, 2, 15-32. | 0.1 | 0 |
| 2706 | Advances in Depression and Brain-Derived Neurotrophic Factor. <i>Journal of Behavioral and Brain Science</i> , 2022, 12, 323-334. | 0.5 | 0 |
| 2707 | Title of Article: The Antidepressant Effect of Nucleus Accumbens Deep Brain Stimulation is Mediated by Parvalbumin-Positive Interneurons in the Dorsal Dentate Gyrus. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |
| 2708 | Molecular and Cellular Adaptations in Hippocampal Parvalbumin Neurons Mediate Behavioral Responses to Chronic Social Stress. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, . | 2.9 | 3 |
| 2709 | Chronic SSRI Treatment, but Not Norepinephrine Reuptake Inhibitor Treatment, Increases Neurogenesis in Juvenile Rats. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6919. | 4.1 | 2 |
| 2710 | Ceramide levels in blood plasma correlate with major depressive disorder severity and its neutralization abrogates depressive behavior in mice. <i>Journal of Biological Chemistry</i> , 2022, 298, 102185. | 3.4 | 14 |
| 2711 | Sex hormone fluctuation and increased female risk for depression and anxiety disorders: From clinical evidence to molecular mechanisms. <i>Frontiers in Neuroendocrinology</i> , 2022, 66, 101010. | 5.2 | 57 |
| 2712 | Dissecting the role of adult hippocampal neurogenesis towards resilience versus susceptibility to stress-related mood disorders. <i>Npj Science of Learning</i> , 2022, 7, . | 2.8 | 6 |
| 2713 | Breaking Mental Barriers Promotes Recovery After Spinal Cord Injury. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, . | 2.9 | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2714 | The hippocampus in stress susceptibility and resilience: Reviewing molecular and functional markers. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2022, 119, 110601. | 4.8 | 10 |
| 2715 | Fingolimod increases parvalbumin-positive neurons in adult mice. IBRO Neuroscience Reports, 2022, 13, 96-106. | 1.6 | 0 |
| 2716 | Dopamine Receptors: Is It Possible to Become a Therapeutic Target for Depression?. Frontiers in Pharmacology, 0, 13, . | 3.5 | 10 |
| 2717 | Hippocampal Functional Connectivity in Parkinson's Disease. Neurodegenerative Diseases, 2022, 22, 29-33. | 1.4 | 1 |
| 2718 | Longitudinal alterations in mRNA expression of the BDNF neurotrophin signaling cascade in blood correlate with changes in depression scores in patients undergoing electroconvulsive therapy. European Neuropsychopharmacology, 2022, 63, 60-70. | 0.7 | 6 |
| 2719 | Behavioral and Fluorescent-Based Immunohistochemistry Protocols for Examining Antidepressant-Like Effects of Melatonin in Mice. Methods in Molecular Biology, 2022, , 463-476. | 0.9 | 0 |
| 2720 | Reporting Biases. , 2022, , 2045-2071. | | 0 |
| 2721 | Regulation of adult-born and mature neurons in stress response and antidepressant action in the dentate gyrus of the hippocampus. Neuroscience Research, 2022, , . | 1.9 | 7 |
| 2722 | Stress induces major depressive disorder by a neutral sphingomyelinase 2-mediated accumulation of ceramide-enriched exosomes in the blood plasma. Journal of Molecular Medicine, 2022, 100, 1493-1508. | 3.9 | 10 |
| 2723 | Antidepressant's long-term effect on cognitive performance and cardiovascular system. , 2022, , 76-88. | | 1 |
| 2724 | Plasticity of synapses and reward circuit function in the genesis and treatment of depression. Neuropsychopharmacology, 2023, 48, 90-103. | 5.4 | 8 |
| 2725 | Early life nociceptive stimulus and fentanyl exposure increase hippocampal neurogenesis and anxiety but do not affect spatial learning and memory. Frontiers in Neuroscience, 0, 16, . | 2.8 | 2 |
| 2726 | Migraine Pharmacological Treatment and Cognitive Impairment: Risks and Benefits. International Journal of Molecular Sciences, 2022, 23, 11418. | 4.1 | 5 |
| 2727 | Impairment in social interaction and hippocampal long-term potentiation at perforant pathway-dentate gyrus synapses in a prenatal valproic acid-induced rat model of autism. Brain Communications, 2022, 4, . | 3.3 | 6 |
| 2731 | Microbiota-Gut-Brain Axis Regulation of Adult Hippocampal Neurogenesis. Brain Plasticity, 2022, 8, 97-119. | 3.5 | 21 |
| 2732 | 3,4-Methylenedioxy methamphetamine, synthetic cathinones and psychedelics: From recreational to novel psychotherapeutic drugs. Frontiers in Psychiatry, 0, 13, . | 2.6 | 2 |
| 2733 | Fingolimod ameliorates schizophrenia-like cognitive impairments induced by phencyclidine in male rats. British Journal of Pharmacology, 2023, 180, 161-173. | 5.4 | 4 |
| 2734 | The antidepressant effect of nucleus accumbens deep brain stimulation is mediated by parvalbumin-positive interneurons in the dorsal dentate gyrus. Neurobiology of Stress, 2022, 21, 100492. | 4.0 | 4 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2735 | Molecular targets of endothelial phosphatidic acid regulating major depressive disorder. Journal of Neurochemistry, 2022, 163, 357-369. | 3.9 | 3 |
| 2736 | Boosting Neurogenesis in the Adult Hippocampus Using Antidepressants and Mesenchymal Stem Cells. Cells, 2022, 11, 3234. | 4.1 | 5 |
| 2737 | Genetic loss of norepinephrine does not alter adult hippocampal neurogenesis in dopamine beta-hydroxylase deficient mice. IBRO Neuroscience Reports, 2022, , . | 1.6 | 0 |
| 2738 | Pharmacological and Physiological Correlates of the Bidirectional Fear Phenotype of the Carioca Rats and Other Bidirectionally Selected Lines. Current Neuropharmacology, 2023, 21, 1864-1883. | 2.9 | 2 |
| 2739 | A Bitter Experience That Enlightens the Future: COVID-19 Neurological Affection and Perspectives on the Orexigenic System. Cureus, 2022, , . | 0.5 | 0 |
| 2740 | The Missing Piece? A Case for Microglia's Prominent Role in the Therapeutic Action of Anesthetics, Ketamine, and Psychedelics. Neurochemical Research, 2023, 48, 1129-1166. | 3.3 | 8 |
| 2741 | Antidepressants: Pharmacology and Biochemistry. , 2022, , 1109-1134. | | 0 |
| 2742 | Amine Precursors in Depressive Disorders and the Blood-Brain Barrier. , 2022, , 525-564. | | 0 |
| 2743 | Tranquilizer/Anxiolytics: Tandozpirone. , 2022, , 2125-2150. | | 0 |
| 2744 | Preclinical Models of Chronic Stress: Adaptation or Pathology?. Biological Psychiatry, 2023, 94, 194-202. | 1.3 | 9 |
| 2745 | Role of neurotrophic and growth factors in the rapid and sustained antidepressant actions of ketamine. Neuropharmacology, 2023, 224, 109335. | 4.1 | 16 |
| 2747 | Fluoxetine increased adult neurogenesis is mediated by 5-HT3 receptor. Neuroscience Letters, 2023, 795, 137027. | 2.1 | 4 |
| 2748 | Role of Oxytocin in Different Neuropsychiatric, Neurodegenerative, and Neurodevelopmental Disorders. Reviews of Physiology, Biochemistry and Pharmacology, 2022, , 95-134. | 1.6 | 5 |
| 2749 | Neurotrophic Factors. , 2022, , 203-215. | | 0 |
| 2750 | Citrus Essential Oils in Aromatherapy: Therapeutic Effects and Mechanisms. Antioxidants, 2022, 11, 2374. | 5.1 | 19 |
| 2751 | Intermittent theta burst transcranial magnetic stimulation induces hippocampal mossy fibre plasticity in male but not female mice. European Journal of Neuroscience, 2023, 57, 310-323. | 2.6 | 0 |
| 2752 | Regulation of adult hippocampal neurogenesis by microglia in the healthy and injured brain. Scientia Sinica Vitae, 2023, , . | 0.3 | 1 |
| 2753 | Hippocampal Noradrenaline Is a Positive Regulator of Spatial Working Memory and Neurogenesis in the Rat. International Journal of Molecular Sciences, 2023, 24, 5613. | 4.1 | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2755 | Preclinical perspectives on the mechanisms underlying the therapeutic actions of psilocybin in psychiatric disorders. <i>Neuropharmacology</i> , 2023, 231, 109504. | 4.1 | 7 |
| 2757 | Influence of Chronic Electroconvulsive Seizures on Plasticity-Associated Gene Expression and Perineuronal Nets Within the Hippocampi of Young Adult and Middle-Aged Sprague-Dawley Rats. <i>International Journal of Neuropsychopharmacology</i> , 2023, 26, 294-306. | 2.1 | 2 |
| 2758 | Activation of TrkB in Parvalbumin interneurons is required for the promotion of reversal learning in spatial and fear memory by antidepressants. <i>Neuropsychopharmacology</i> , 0, , . | 5.4 | 1 |
| 2761 | The Melanocortin System: A Promising Target for the Development of New Antidepressant Drugs. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6664. | 4.1 | 2 |
| 2762 | Role of Hydroxytyrosol and Oleuropein in the Prevention of Aging and Related Disorders: Focus on Neurodegeneration, Skeletal Muscle Dysfunction and Gut Microbiota. <i>Nutrients</i> , 2023, 15, 1767. | 4.1 | 4 |
| 2763 | Exploring the Therapeutic Effect of Neurotrophins and Neuropeptides in Neurodegenerative Diseases: at a Glance. <i>Molecular Neurobiology</i> , 2023, 60, 4206-4231. | 4.0 | 6 |
| 2764 | Molecular Mechanisms of Exercise-induced Hippocampal Neurogenesis and Antidepressant Effects. <i>JMA Journal</i> , 2023, 6, 114-119. | 0.8 | 1 |
| 2765 | Effect of Bromelain on Chronic Unpredictable Stress-induced Behavioral, Biochemical, and Monoamine Changes in Wistar Albino Rat Model of Depression. <i>Protein and Peptide Letters</i> , 2023, 30, . | 0.9 | 0 |
| 2766 | The chronic pharmacological antagonism of the CB1 receptor is not involved in the behavioral effects of antidepressants administered in mice submitted to chronic unpredictable stress. <i>Behavioural Brain Research</i> , 2023, 450, 114502. | 2.2 | 0 |
| 2767 | Serial electroconvulsive Seizure alters dendritic complexity and promotes cellular proliferation in the mouse dentate gyrus; a role for Egr3. <i>Brain Stimulation</i> , 2023, 16, 889-900. | 1.6 | 1 |
| 2768 | Functional modular networks identify the pivotal genes associated with morphine addiction and potential drug therapies. <i>BMC Anesthesiology</i> , 2023, 23, . | 1.8 | 1 |
| 2769 | Translatable Models of Brain and Cognitive Reserve. <i>Contemporary Clinical Neuroscience</i> , 2023, , 93-119. | 0.3 | 0 |
| 2770 | Reviewing the neurobiology of electroconvulsive therapy on a micro- meso- and macro-level. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2023, 127, 110809. | 4.8 | 2 |
| 2772 | Zinc and Central Nervous System Disorders. <i>Nutrients</i> , 2023, 15, 2140. | 4.1 | 3 |
| 2773 | Rapid neuroplasticity changes and response to intravenous ketamine: a randomized controlled trial in treatment-resistant depression. <i>Translational Psychiatry</i> , 2023, 13, . | 4.8 | 6 |
| 2774 | Competition on presynaptic resources enhances the discrimination of interfering memories. , 2023, 2, . | | 0 |
| 2775 | Fluoxetine Can Cause Epileptogenesis and Aberrant Neurogenesis in Male Wild Type Mice. <i>Developmental Neuroscience</i> , 0, , 1-1. | 2.0 | 0 |
| 2776 | A complex relation between levels of adult hippocampal neurogenesis and expression of the immature neuron marker doublecortin. <i>Hippocampus</i> , 2023, 33, 1075-1093. | 1.9 | 1 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2778 | Neural Progenitor Cells and the Hypothalamus. <i>Cells</i> , 2023, 12, 1822. | 4.1 | 2 |
| 2779 | How electroconvulsive therapy works in the treatment of depression: is it the seizure, the electricity, or both?. <i>Neuropsychopharmacology</i> , 2024, 49, 150-162. | 5.4 | 5 |
| 2780 | Adrenoceptors: A Focus on Psychiatric Disorders and Their Treatments. <i>Handbook of Experimental Pharmacology</i> , 2023, , . | 1.8 | 0 |
| 2781 | Overexpression of NT-3 in the hippocampus suppresses the early phase of the adult neurogenic process. <i>Frontiers in Neuroscience</i> , 0, 17, . | 2.8 | 0 |
| 2782 | Serotonergic mediation of the brain-wide neurogenesis: Region-dependent and receptor-type specific roles on neurogenic cellular transformation. <i>Current Research in Neurobiology</i> , 2023, 5, 100102. | 2.3 | 1 |
| 2783 | Role of Tyrosine Nitrosylation in Stress-Induced Major Depressive Disorder: Mechanisms and Implications. <i>International Journal of Molecular Sciences</i> , 2023, 24, 14626. | 4.1 | 0 |
| 2784 | An Innovative Approach to Address Neurodegenerative Diseases through Kinase-Targeted Therapies: Potential for Designing Covalent Inhibitors. <i>Pharmaceuticals</i> , 2023, 16, 1295. | 3.8 | 0 |
| 2785 | Influence of Vagus Nerve Stimulation on Mood and Associated Disorders. <i>Neuromethods</i> , 2024, , 131-155. | 0.3 | 0 |
| 2786 | The atypical antidepressant tianeptine confers neuroprotection against oxygenâ€“glucose deprivation. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 0, , . | 3.2 | 1 |
| 2787 | Understanding the effects of lysergic acid diethylamide and the importance of its prevention. <i>Health Sciences Review</i> , 2023, 8, 100107. | 1.5 | 0 |
| 2789 | LHPP-mediated inorganic pyrophosphate hydrolysis-driven lysosomal acidification in astrocytes regulates adult neurogenesis. <i>Cell Reports</i> , 2023, 42, 112975. | 6.4 | 2 |
| 2790 | Comparing the antidepressant-like effects of electroconvulsive seizures in adolescent and adult female rats: an intensity doseâ€“response study. <i>Biology of Sex Differences</i> , 2023, 14, . | 4.1 | 2 |
| 2791 | Roles of microglia in adult hippocampal neurogenesis in depression and their therapeutics. <i>Frontiers in Immunology</i> , 0, 14, . | 4.8 | 2 |
| 2792 | Electroconvulsive seizures regulate various stages of hippocampal cell genesis and mBDNF at different times after treatment in adolescent and adult rats of both sexes. <i>Frontiers in Molecular Neuroscience</i> , 0, 16, . | 2.9 | 1 |
| 2793 | Exploring the Role of Neuroplasticity in Development, Aging, and Neurodegeneration. <i>Brain Sciences</i> , 2023, 13, 1610. | 2.3 | 0 |
| 2794 | Glucocorticoid Receptor Down-Regulation Affects Neural Stem Cell Proliferation and Hippocampal Neurogenesis. <i>Molecular Neurobiology</i> , 0, , . | 4.0 | 0 |
| 2795 | Hippocampal subfield volumes predict treatment response to oral ketamine in people with suicidality. <i>Journal of Psychiatric Research</i> , 2024, 169, 192-200. | 3.1 | 1 |
| 2796 | ANTIDEPRESSANT EFFECTS OF ROYAL JELLY USING MICE MODEL OF DEPRESSION INDUCED BY RESERPINE. , 2023, 34, 196-205. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|---|-----|-----------|
| 2797 | Stress-related cellular pathophysiology as a crosstalk risk factor for neurocognitive and psychiatric disorders. BMC Neuroscience, 2023, 24, . | 1.9 | 0 |
| 2798 | Potential Plausible Role of Stem Cell for Treating Depressive Disorder: a Retrospective Review. Molecular Neurobiology, 0, , . | 4.0 | 0 |
| 2799 | Altered in vivo early neurogenesis traits in patients with depression: Evidence from neuron-derived extracellular vesicles and electroconvulsive therapy. Brain Stimulation, 2024, 17, 19-28. | 1.6 | 1 |
| 2800 | Increased volume of the left hippocampal dentate gyrus after 4 weeks of bright light exposure in patients with mood disorders: a randomized controlled study. Translational Psychiatry, 2023, 13, . | 4.8 | 0 |
| 2801 | Involvement of Glial Cells in the Pathophysiology and Treatment of Depression. Advances in Bioinformatics and Biomedical Engineering Book Series, 2023, , 331-361. | 0.4 | 0 |
| 2802 | An analogue of the Prolactin Releasing Peptide reduces obesity and promotes adult neurogenesis. EMBO Reports, 0, , . | 4.5 | 0 |
| 2803 | Menopause-Associated Depression: Impact of Oxidative Stress and Neuroinflammation on the Central Nervous Systemâ€™A Review. Biomedicines, 2024, 12, 184. | 3.2 | 0 |
| 2804 | Neurogenesis-independent mechanisms of MRI-detectable hippocampal volume increase following electroconvulsive stimulation. Neuropsychopharmacology, 0, , . | 5.4 | 0 |
| 2805 | Regional Differences in Enhanced Neurogenesis in the Dentate Gyrus of Adult Rats after Transient Forebrain Ischemia. Molecules and Cells, 2003, 16, 232-238. | 2.6 | 4 |
| 2806 | Stress-induced Decrease of Granule Cell Proliferation in Adult Rat Hippocampus: Assessment of Granule Cell Proliferation Using High Doses of Bromodeoxyuridine Before and After Restraint Stress. Molecules and Cells, 2005, 19, 74-80. | 2.6 | 1 |
| 2807 | Azithromycin preserves adult hippocampal neurogenesis and behavior in a mouse model of sepsis. Brain, Behavior, and Immunity, 2024, 117, 135-148. | 4.1 | 0 |
| 2808 | Neurobiological mechanisms of electroconvulsive therapy for depression: Insights into hippocampal volumetric increases from clinical and preclinical studies. Journal of Neurochemistry, 0, , . | 3.9 | 0 |
| 2809 | Chronic chemogenetic activation of hippocampal progenitors enhances adult neurogenesis and modulates anxiety-like behavior and fear extinction learning. IBRO Neuroscience Reports, 2024, 16, 168-181. | 1.6 | 0 |
| 2810 | Astrocyte-derived lactate in stress disorders. Neurobiology of Disease, 2024, 192, 106417. | 4.4 | 0 |
| 2813 | Locus coeruleus features are linked to vagus nerve stimulation response in drug-resistant epilepsy. Frontiers in Neuroscience, 0, 18, . | 2.8 | 0 |
| 2814 | Tet1/DLL3/Notch1 signal pathway affects hippocampal neurogenesis and regulates depression-like behaviour in mice. European Journal of Pharmacology, 2024, 968, 176417. | 3.5 | 0 |
| 2815 | Exploring the pathophysiological influence of heme oxygenase-1 on neuroinflammation and depression: A study of phytotherapeutic-based modulation. Phytomedicine, 2024, 127, 155466. | 5.3 | 0 |
| 2816 | Molecular structure elucidation -Quantum computational approach, Solvent impact analysis, topological investigation and Molecular docking of N -[2-(7-methoxynaphthalen- 1 -yl) ethyl] acetamide. Chemical Physics Impact, 2024, 8, 100539. | 3.5 | 0 |

| # | ARTICLE | IF | CITATIONS |
|------|--|-----|-----------|
| 2817 | Hippocampal volume changes after (R,S)-ketamine administration in patients with major depressive disorder and healthy volunteers. Scientific Reports, 2024, 14, . | 3.3 | 0 |
| 2818 | Association between CNS-active drugs and risk of Alzheimer’s and age-related neurodegenerative diseases. Frontiers in Psychiatry, 0, 15, . | 2.6 | 0 |
| 2819 | Glial-restricted precursors stimulate endogenous cytotogenesis and effectively recover emotional deficits in a model of cytotogenesis ablation. Molecular Psychiatry, 0, , . | 7.9 | 0 |
| 2820 | Ketamine’s rapid and sustained antidepressant effects are driven by distinct mechanisms. Cellular and Molecular Life Sciences, 2024, 81, . | 5.4 | 0 |
| 2821 | The impact of adult neurogenesis on affective functions: of mice and men. Molecular Psychiatry, 0, , . | 7.9 | 0 |
| 2822 | Depression and cognition are associated with lipid dysregulation in both a multigenerational study of depression and the National Health and Nutrition Examination Survey. Translational Psychiatry, 2024, 14, . | 4.8 | 0 |