# Gavin P Reynolds

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 352 papers | 20,247 citations | 7551 77 h-index | 13338 130 g-index |
| 359 all docs | 359 docs citations | 359 times ranked | 13073 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Transition Metals, Ferritin, Glutathione, and Ascorbic Acid in Parkinsonian Brains. Journal of Neurochemistry, 1989, 52, 515-520. | 2.1 | 1,324 |
| 2 | Increased iron (III) and total iron content in post mortem substantia nigra of parkinsonian brain. Journal of Neural Transmission, 1988, 74, 199-205. | 1.4 | 685 |
| 3 | A selective decrease in the relative density of parvalbumin-immunoreactive neurons in the hippocampus in schizophrenia. Schizophrenia Research, 2002, 55, 1-10. | 1.1 | 416 |
| 4 | Increased concentrations and lateral asymmetry of amygdala dopamine in schizophrenia. Nature, 1983, 305, 527-529. | 13.7 | 400 |
| 5 | Human brain dopamine receptors in children and aging adults. Synapse, 1987, 1, 399-404. | 0.6 | 396 |
| 6 | Association of antipsychotic druginduced weight gain with a 5-HT2C receptor gene polymorphism. Lancet, The, 2002, 359, 2086-2087. | 6.3 | 392 |
| 7 | Frontal Cortical and Left Temporal Glutamatergic Dysfunction in Schizophrenia. Journal of Neurochemistry, 1989, 52, 1781-1786. | 2.1 | 382 |
| 8 | Neurochemical characteristics of early and late onset types of Alzheimer's disease.. BMJ: British Medical Journal, 1984, 288, 961-964. | 2.4 | 375 |
| 9 | Selective deficits in prefrontal cortical GABAergic neurons in schizophrenia defined by the presence of calcium-binding proteins. Biological Psychiatry, 2002, 52, 708-715. | 0.7 | 348 |
| 10 | Bimodal distribution of dopamine receptor densities in brains of schizophrenics. Science, 1984, 225, 728-731. | 6.0 | 345 |
| 11 | Parvalbumin-immunoreactive neurons are reduced in the prefrontal cortex of schizophrenics. Schizophrenia Research, 1997, 24, 349-355. | 1.1 | 343 |
| 12 | Metabolic side effects of antipsychotic drug treatment â€“ pharmacological mechanisms. , 2010, 125, 169-179. | | 327 |
| 13 | Human brain D1 and D2 dopamine receptors in schizophrenia, Alzheimer's, Parkinson's, and Huntington's diseases. Neuropsychopharmacology, 1987, 1, 5-15. | 2.8 | 289 |
| 14 | Deprenyl is metabolized to methamphetamine and amphetamine in man.. British Journal of Clinical Pharmacology, 1978, 6, 542-544. | 1.1 | 270 |
| 15 | Loss of pigmented dopamine-Î²-hydroxylase positive cells from locus coeruleus in senile dementia of alzheimer's type. Neuroscience Letters, 1983, 39, 95-100. | 1.0 | 270 |
| 16 | | | |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | BAP guidelines on the management of weight gain, metabolic disturbances and cardiovascular risk associated with psychosis and antipsychotic drug treatment. Journal of Psychopharmacology, 2016, 30, 717-748. | 2.0 | 200 |
| 20 | Effects of antipsychotics on fat deposition and changes in leptin and insulin levels. British Journal of Psychiatry, 2004, 184, 58-62. | 1.7 | 199 |
| 21 | Deficit and hemispheric asymmetry of GABA uptake sites in the hippocampus in schizophrenia. Biological Psychiatry, 1990, 27, 1038-1044. | 0.7 | 198 |
| 22 | Polymorphism of the Promoter Region of the Serotonin 5-HT2CReceptor Gene and Clozapine-Induced Weight Gain. American Journal of Psychiatry, 2003, 160, 677-679. | 4.0 | 195 |
| 23 | 3H-spiperone binding sites in post-mortem brains from schizophrenic patients: Relationship to neuroleptic drug treatment, abnormal movements, and positive symptoms. Journal of Neural Transmission, 1989, 75, 1-10. | 1.4 | 194 |
| 24 | Sub-chronic psychotomimetic phencyclidine induces deficits in reversal learning and alterations in parvalbumin-immunoreactive expression in the rat. Journal of Psychopharmacology, 2007, 21, 198-205. | 2.0 | 193 |
| 25 | 5â€Hydroxytryptamine (5â€HT)<sub>4</sub> receptors in post mortem human brain tissue: distribution, pharmacology and effects of neurodegenerative diseases. British Journal of Pharmacology, 1995, 114, 993-998. | 2.7 | 179 |
| 26 | ASYMMETRICAL LOSS OF GLUTAMATE RECEPTOR SUBTYPE IN LEFT HIPPOCAMPUS IN SCHIZOPHRENIA. Lancet, The, 1988, 331, 583-584. | 6.3 | 166 |
| 27 | Beyond the Dopamine Hypothesis. British Journal of Psychiatry, 1989, 155, 305-316. | 1.7 | 156 |
| 28 | GABAergic neuronal subtypes in the human frontal cortex â€" development and deficits in schizophrenia. Journal of Chemical Neuroanatomy, 2001, 22, 95-100. | 1.0 | 147 |
| 29 | Monoclonal antibodies raised against a subsequence of senile plaque core protein react with plaque cores, plaque periphery and cerebrovascular amyloid in Alzheimer's disease. Neuroscience Letters, 1986, 68, 252-256. | 1.0 | 146 |
| 30 | Region-specific loss of glutamate innervation in Alzheimer's disease. Neuroscience Letters, 1987, 73, 77-80. | 1.0 | 146 |
| 31 | NEURONAL DEGENERATION IN LOCUS CERULEUS AND CORTICAL CORRELATES OF ALZHEIMER DISEASE. Alzheimer Disease and Associated Disorders, 1987, 1, 256-262. | 0.6 | 145 |
| 32 | Developments in the drug treatment of schizophrenia. Trends in Pharmacological Sciences, 1992, 13, 116-121. | 4.0 | 145 |
| 33 | Calcium binding protein markers of GABA deficits in schizophrenia â€" post mortem studies and animal models. Neurotoxicity Research, 2004, 6, 57-61. | 1.3 | 145 |
| 34 | Reduced binding of [3H]ketanserin to cortical 5-HT2 receptors in senile dementia of the Alzheimer type. Neuroscience Letters, 1984, 44, 47-51. | 1.0 | 138 |
| 35 | The 5-HT2C receptor and antipsychoticinduced weight gain â€" mechanisms and genetics. Journal of Psychopharmacology, 2006, 20, 15-18. | 2.0 | 137 |
| 36 | Neurochemical correlates of cortical GABAergic deficits in schizophrenia: selective losses of calcium binding protein immunoreactivity. Brain Research Bulletin, 2001, 55, 579-584. | 1.4 | 136 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Increased brain concentrations of a neurotoxin, 3-hydroxykynurenine, in Huntington's disease. Neuroscience Letters, 1992, 144, 199-201. | 1.0 | 135 |
| 38 | Deficits in parvalbumin and calbindin immunoreactive cells in the hippocampus of isolation reared rats. Journal of Neural Transmission, 2007, 114, 893-898. | 1.4 | 134 |
| 39 | Amphetamine and 2-phenylethylamine in post-mortem Parkinsonian brain after (-)deprenyl administration. Journal of Neural Transmission, 1978, 43, 271-277. | 1.4 | 133 |
| 40 | Depleted red cell membrane essential fatty acids in drug-treated schizophrenic patients. Journal of Psychiatric Research, 1995, 29, 227-232. | 1.5 | 132 |
| 41 | Pre-frontal structural and functional deficits associated with individual differences in schizotypal personality. Schizophrenia Research, 1992, 7, 237-247. | 1.1 | 131 |
| 42 | The effect of atypical and classical antipsychotics on sub-chronic PCP-induced cognitive deficits in a reversal-learning paradigm. Behavioural Brain Research, 2006, 169, 263-273. | 1.2 | 128 |
| 43 | The role of 5-HT2C receptor polymorphisms in the pharmacogenetics of antipsychotic drug treatment. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2005, 29, 1021-1028. | 2.5 | 125 |
| 44 | Pharmacogenetics of treatment in first-episode schizophrenia: D3 and 5-HT2C receptor polymorphisms separately associate with positive and negative symptom response. European Neuropsychopharmacology, 2005, 15, 143-151. | 0.3 | 124 |
| 45 | Distribution of phosphate-activated glutaminase, succinic dehydrogenase, pyruvate dehydrogenase and Î³-glutamyl transpeptidase in post-mortem brain from Huntington's disease and agonal cases. Journal of the Neurological Sciences, 1985, 67, 161-171. | 0.3 | 122 |
| 46 | The NR1 subunit of the glutamate/NMDA receptor in the superior temporal cortex in schizophrenia and affective disorders. Neuroscience Letters, 2004, 372, 173-177. | 1.0 | 122 |
| 47 | DOES PHENYLETHYLAMINE CAUSE SCHIZOPHRENIA?. Lancet, The, 1976, 307, 70-71. | 6.3 | 120 |
| 48 | [3H]SCH 23390 labeled D1 dopamine receptors are unchanged in schizophrenia and Parkinson's disease. European Journal of Pharmacology, 1985, 114, 235-237. | 1.7 | 118 |
| 49 | Immunocytochemical studies on the basal ganglia and substantia nigra in Parkinson's disease and Huntington's chorea. Neuroscience, 1988, 25, 419-438. | 1.1 | 117 |
| 50 | Dopamine deficits in the brain. NeuroReport, 1996, 7, 910-912. | 0.6 | 117 |
| 51 | Neuronal calcium-binding proteins and schizophrenia. Schizophrenia Research, 2002, 57, 27-34. | 1.1 | 114 |
| 52 | Hippocampal tin, aluminum and zinc in Alzheimer's disease. BioMetals, 1993, 6, 149-54. | 1.8 | 112 |
| 53 | Brain Quinolinic Acid in Huntington's Disease. Journal of Neurochemistry, 1988, 50, 1959-1968. | 2.1 | 105 |
| 54 | Alzheimer-like neurotransmitter deficits in adult Down's syndrome brain tissue.. Journal of Neurology, Neurosurgery and Psychiatry, 1987, 50, 775-778. | 0.9 | 104 |

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|---|---|---|---|
| 55 | A disorder of cortical GABAergic innervation in Alzheimer's disease. Neuroscience Letters, 1987, 73, 192-196. | 1.0 | 104 |
| 56 | Structural and Functional Characteristics of the Corpus Callosum in Schizophrenics, Psychiatric Controls, and Normal Controls. Archives of General Psychiatry, 1990, 47, 1060. | 13.8 | 104 |
| 57 | The atypical antipsychotic ziprasidone, but not haloperidol, improves phencyclidine-induced cognitive deficits in a reversal learning task in the rat. Journal of Psychopharmacology, 2003, 17, 57-66. | 2.0 | 103 |
| 58 | Receptor Mechanisms in the treatment of Schizophrenia. Journal of Psychopharmacology, 2004, 18, 340-345. | 2.0 | 102 |
| 59 | Effect of 5-HT<sub>1A</sub>Receptor Gene Polymorphism on Negative and Depressive Symptom Response to Antipsychotic Treatment of Drug-Naive Psychotic Patients. American Journal of Psychiatry, 2006, 163, 1826-1829. | 4.0 | 100 |
| 60 | The role of dopamine in motor symptoms in the R6/2 transgenic mouse model of Huntington's disease. Journal of Neurochemistry, 2002, 81, 46-59. | 2.1 | 98 |
| 61 | Monoamine neurotransmitters and their metabolites in brain regions in alzheimer's disease: A postmortem study. Cellular and Molecular Neurobiology, 1992, 12, 581-587. | 1.7 | 97 |
| 62 | Deficient production of tyramine and octopamine in cases of depression. Nature, 1979, 278, 357-358. | 13.7 | 96 |
| 63 | Dopamine D2 receptor density remains constant in treated Parkinson's disease. Annals of Neurology, 1986, 19, 487-492. | 2.8 | 96 |
| 64 | An evaluation of structural and functional prefrontal deficits in schizophrenia: MRI and neuropsychological measures. Psychiatry Research - Neuroimaging, 1992, 45, 123-137. | 0.9 | 93 |
| 65 | Tardive dyskinesia, lipid peroxidation, and sustained amelioration with vitamin E treatment. International Clinical Psychopharmacology, 1993, 8, 151-154. | 0.9 | 92 |
| 66 | Neuroanatomical Correlates of Skin Conductance Orienting in Normal Humans: A Magnetic Resonance Imaging Study. Psychophysiology, 1991, 28, 548-558. | 1.2 | 89 |
| 67 | Age and Histopathologic Heterogeneity in Alzheimer's Disease. Archives of General Psychiatry, 1987, 44, 412. | 13.8 | 87 |
| 68 | Increased peripheral benzodiazepine binding sites in the brain of patients with Huntington's disease. Neuroscience Letters, 1998, 241, 53-56. | 1.0 | 87 |
| 69 | Are Striatal Dopamine D<sub>4</sub> Receptors Increased in Schizophrenia?. Journal of Neurochemistry, 1994, 63, 1576-1577. | 2.1 | 87 |
| 70 | Clozapine-induced hypersalivation and the alpha2 adrenoceptor. British Journal of Psychiatry, 1995, 167, 412-412. | 1.7 | 86 |
| 71 | Brain Neurotransmitter Deficits in Mice Transgenic for the Huntingtonâ€™s Disease Mutation. Journal of Neurochemistry, 2001, 72, 1773-1776. | 2.1 | 84 |
| 72 | Acute and chronic tryptophan depletion differentially regulate central 5-HT1A and 5-HT2A receptor binding in the rat. Psychopharmacology, 2007, 190, 497-506. | 1.5 | 84 |

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|---|---|---|---|
| 73 | Corticotropin-releasing factor-like immunoreactivity in senile dementia of the Alzheimer type. Reduced cortical and striatal concentrations. JAMA - Journal of the American Medical Association, 1985, 254, 3067-3069. | 3.8 | 84 |
| 74 | Increased Concentrations of the Neurotoxin 3â€Hydroxykynurenine in the Frontal Cortex of HIVâ€1â€Positive Patients. Journal of Neurochemistry, 1995, 64, 932-935. | 2.1 | 81 |
| 75 | Influence of 5-HT<sub>2C</sub>receptor and leptin gene polymorphisms, smoking and drug treatment on metabolic disturbances in patients with schizophrenia. British Journal of Psychiatry, 2008, 192, 424-428. | 1.7 | 81 |
| 76 | Hippocampal neurochemistry is involved in the behavioural effects of neonatal maternal separation and their reversal by post-weaning environmental enrichment: A magnetic resonance study. Behavioural Brain Research, 2011, 217, 122-127. | 1.2 | 81 |
| 77 | Understanding the neurotransmitter pathology of schizophrenia: selective deficits of subtypes of cortical GABAergic neurons. Journal of Neural Transmission, 2002, 109, 881-889. | 1.4 | 80 |
| 78 | Region specific changes in forebrain 5-hydroxytryptamine1a and 5-hydroxytryptamine2a receptors in isolation-reared rats: an in vitro autoradiography study. Neuroscience, 2004, 123, 725-732. | 1.1 | 80 |
| 79 | Decreased glutamic acid and increased 5-hydroxytryptamine in Huntington's disease brain. Neuroscience Letters, 1987, 78, 233-238. | 1.0 | 78 |
| 80 | Dopamine depletion of the nucleus accumbens reverses isolation-induced deficits in prepulse inhibition in rats. Neuroscience, 2003, 119, 233-240. | 1.1 | 77 |
| 81 | Olanzapine-induced weight gain in the rat: role of 5-HT2C and histamine H1 receptors. Psychopharmacology, 2009, 207, 119-125. | 1.5 | 76 |
| 82 | Absence of detectable striatal dopamine D4 receptors in drug-treated schizophrenia. European Journal of Pharmacology, 1995, 281, R5-R6. | 1.7 | 73 |
| 83 | Chronic clozapine treatment of rats down-regulates cortical 5-HT2 receptors. European Journal of Pharmacology, 1983, 89, 325-326. | 1.7 | 69 |
| 84 | Serotonin concentrations and turnover in brains of depressed suicides. Brain Research, 1989, 502, 332-340. | 1.1 | 68 |
| 85 | Frontal cortex indoleamine-2,3-dioxygenase activity is increased in HIV-1-associated dementia. Neuroscience Letters, 1995, 187, 9-12. | 1.0 | 68 |
| 86 | Association of a polymorphism in the promoter region of theserotonin 5-HT2Creceptor gene with tardive dyskinesia in patients with schizophrenia. Molecular Psychiatry, 2002, 7, 670-671. | 4.1 | 68 |
| 87 | Schizophreniaâ€related endophenotypes in heterozygous neuregulinâ€1 â€˜knockoutâ€™ mice. European Journal of Neuroscience, 2010, 31, 349-358. | 1.2 | 68 |
| 88 | Reduced high-affinity glutamate uptake sites in the brains of patients with Huntington's disease. Neuroscience Letters, 1986, 67, 198-202. | 1.0 | 64 |
| 89 | Arachidonic Acid: A Common Link in the Biology of Schizophrenia?. Archives of General Psychiatry, 1994, 51, 665. | 13.8 | 61 |
| 90 | Characterization of [3H]GR 113808 binding to 5-HT4 receptors in brain tissues from patients with neurodegenerative disorders. Behavioural Brain Research, 1995, 73, 249-252. | 1.2 | 60 |

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|---|---|---|---|
| 91 | Influence and interaction of genetic polymorphisms in the serotonin system and life stress on antidepressant drug response. Journal of Psychopharmacology, 2012, 26, 349-359. | 2.0 | 60 |
| 92 | Clozapine has sub-micromolar affinity for 5-HT1A receptors in human brain tissue. European Journal of Pharmacology, 1992, 221, 397-398. | 1.7 | 59 |
| 93 | The increased activity of plasma manganese superoxide dismutase in tardive dyskinesia is unrelated to the Ala-9Val polymorphism. Journal of Psychiatric Research, 2002, 36, 317-324. | 1.5 | 58 |
| 94 | N-acetylaspartate and N-Acetylaspartylglutamate deficits in superior temporal cortex in schizophrenia and bipolar disorder: a postmortem study. Biological Psychiatry, 2003, 53, 1138-1141. | 0.7 | 57 |
| 95 | Neonatal lipopolysaccharide induces pathological changes in parvalbumin immunoreactivity in the hippocampus of the rat. Behavioural Brain Research, 2009, 205, 355-359. | 1.2 | 57 |
| 96 | Dopamine and noradrenalin in the cerebrospinal fluid of schizophrenic patients. Psychiatry Research, 1983, 8, 243-250. | 1.7 | 55 |
| 97 | Recommended minimum data to be collected in research studies on Alzheimer's disease. The MRC (UK) Alzheimer's Disease Workshop Steering Committee.. Journal of Neurology, Neurosurgery and Psychiatry, 1989, 52, 693-700. | 0.9 | 55 |
| 98 | Amino acid neurotransmitter deficits in adult Down's syndrome brain tissue. Neuroscience Letters, 1988, 94, 224-227. | 1.0 | 54 |
| 99 | INCREASED BRAIN 3-HYDROXYKYNURENINE IN HUNTINGTON'S DISEASE. Lancet, The, 1989, 334, 979-980. | 6.3 | 54 |
| 100 | Biogenic amines and their metabolites in Alzheimer's disease: noradrenaline, 5-hydroxytryptamine and 5-hydroxyindole-3-acetic acid depleted in hippocampus but not in substantia innominata. Neuroscience Letters, 1989, 100, 335-339. | 1.0 | 53 |
| 101 | Learning and Memory Alterations Are Associated with Hippocampal N-acetylaspartate in a Rat Model of Depression as Measured by 1H-MRS. PLoS ONE, 2011, 6, e28686. | 1.1 | 53 |
| 102 | Neuropeptides in Alzheimer's disease: a postmortem study. Regulatory Peptides, 1989, 25, 123-130. | 1.9 | 52 |
| 103 | Determination of 3-hydroxykynurenine in human brain and plasma by high-performance liquid chromatography with electrochemical detection. Biomedical Applications, 1991, 565, 436-440. | 1.7 | 52 |
| 104 | The atypical antipsychotic olanzapine enhances ingestive behaviour in the rat: a preliminary study. Journal of Psychopharmacology, 2002, 16, 35-37. | 2.0 | 51 |
| 105 | Increased N-acetylaspartate in rat striatum following long-term administration of haloperidol. Schizophrenia Research, 2005, 75, 303-308. | 1.1 | 51 |
| 106 | Methylation at a transcription factor-binding site on the 5-HT1A receptor gene correlates with negative symptom treatment response in first episode schizophrenia. International Journal of Neuropsychopharmacology, 2014, 17, 645-649. | 1.0 | 51 |
| 107 | Early response to selective serotonin reuptake inhibitors in panic disorder is associated with a functional 5-HT1A receptor gene polymorphism. Journal of Affective Disorders, 2010, 123, 308-311. | 2.0 | 50 |
| 108 | Sexual dysfunction in male schizophrenia: influence of antipsychotic drugs, prolactin and polymorphisms of the dopamine D2 receptor genes. Pharmacogenomics, 2011, 12, 1127-1136. | 0.6 | 50 |

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|---|---|---|---|
| 109 | Effect of subchronic phencyclidine administration on sucrose preference and hippocampal parvalbumin immunoreactivity in the rat. Neuroscience Letters, 2010, 471, 144-147. | 1.0 | 49 |
| 110 | Pharmacogenetic Aspects of Antipsychotic Drug-induced Weight Gain - A Critical Review. Clinical Psychopharmacology and Neuroscience, 2012, 10, 71-77. | 0.9 | 49 |
| 111 | Increased density of glutamate/N-methyl-d-aspartate receptors in putamen from schizophrenic patients. Neuroscience Letters, 1998, 241, 143-146. | 1.0 | 48 |
| 112 | 5-HT2C receptor gene polymorphisms associated with antipsychotic drug action alter promoter activity. Brain Research, 2007, 1149, 14-17. | 1.1 | 48 |
| 113 | Mechanisms underlying metabolic disturbances associated with psychosis and antipsychotic drug treatment. Journal of Psychopharmacology, 2017, 31, 1430-1436. | 2.0 | 47 |
| 114 | Neurotensin in the adrenal medulla. Neuroscience Letters, 1983, 35, 155-160. | 1.0 | 46 |
| 115 | Chronic phencyclidine administration induces schizophrenia-like changes in N-acetylaspartate and N-acetylaspartylglutamate in rat brain. Schizophrenia Research, 2005, 73, 147-152. | 1.1 | 46 |
| 116 | Interaction between polymorphisms of the dopamine D3 receptor and manganese superoxide dismutase genes in susceptibility to tardive dyskinesia. Psychiatric Genetics, 2003, 13, 187-192. | 0.6 | 45 |
| 117 | Disturbances in social interaction occur along with pathophysiological deficits following sub-chronic phencyclidine administration in the rat. Behavioural Brain Research, 2008, 194, 230-235. | 1.2 | 45 |
| 118 | DAT1methylation is associated with methylphenidate response on oppositional and hyperactive-impulsive symptoms in children and adolescents with ADHD. World Journal of Biological Psychiatry, 2017, 18, 291-299. | 1.3 | 44 |
| 119 | Electrochemical detection of human brain transmitter amino acids by high-performance liquid chromatography of stable O-phthalaldehyde-sulphite derivatives. Journal of Neural Transmission, 1991, 86, 151-157. | 1.4 | 43 |
| 120 | Imidazoline binding sites in Huntington's and Parkinson's disease putamen. European Journal of Pharmacology, 1996, 301, R19-R21. | 1.7 | 43 |
| 121 | Influence of genetic polymorphisms in the glutamatergic and GABAergic systems and their interactions with environmental stressors on antidepressant response. Pharmacogenomics, 2013, 14, 277-288. | 0.6 | 43 |
| 122 | The Importance of Dopamine D4 Receptors in the Action and Development of Antipsychotic Agents. Drugs, 1996, 51, 7-11. | 4.9 | 42 |
| 123 | Differential regional N-acetylaspartate deficits in postmortem brain in schizophrenia, bipolar disorder and major depressive disorder. Journal of Psychiatric Research, 2011, 45, 54-59. | 1.5 | 42 |
| 124 | Pharmacogenomics in psychiatry: the relevance of receptor and transporter polymorphisms. British Journal of Clinical Pharmacology, 2014, 77, 654-672. | 1.1 | 42 |
| 125 | Deficits of neuronal glutamatergic markers in the caudate nucleus in schizophrenia. , 2007, , 281-285. | | 42 |
| 126 | DOPAMINE RECEPTOR ASYMMETRY IN SCHIZOPHRENIA. Lancet, The, 1987, 329, 979. | 6.3 | 41 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Effect of pretreatment with risperidone on phencyclidine-induced disruptions in object recognition memory and prefrontal cortex parvalbumin immunoreactivity in the rat. Behavioural Brain Research, 2010, 208, 132-136. | 1.2 | 41 |
| 128 | TETRAHYDROBIOPTERIN METABOLISM IN DEPRESSION. Lancet, The, 1984, 324, 163. | 6.3 | 40 |
| 129 | The impact of pharmacogenetics on the development and use of antipsychotic drugs. Drug Discovery Today, 2007, 12, 953-959. | 3.2 | 39 |
| 130 | Increased density of glutamate/N-methyl-d-aspartate receptors in superior temporal cortex in schizophrenia. Neuroscience Letters, 2001, 304, 9-12. | 1.0 | 38 |
| 131 | Effects of tranylcypromine stereoisomers on monamine oxidation in man.. British Journal of Clinical Pharmacology, 1980, 9, 521-523. | 1.1 | 37 |
| 132 | DOPAMINE RECEPTORS AND SCHIZOPHRENIA: DRUG EFFECT OR ILLNESS. Lancet, The, 1980, 316, 1251. | 6.3 | 36 |
| 133 | The neuronal pathology of schizophrenia: molecules and mechanisms. Biochemical Society Transactions, 2007, 35, 433-436. | 1.6 | 36 |
| 134 | SMARTS (Systematic Monitoring of Adverse events Related to TreatmentS): The development of a pragmatic patient-completed checklist to assess antipsychotic drug side effects. Therapeutic Advances in Psychopharmacology, 2014, 4, 15-21. | 1.2 | 36 |
| 135 | Antioxidant capacity in postmortem brain tissues of Parkinsonâ€™s and Alzheimerâ€™s diseases. , 2006, , 39-43. | | 36 |
| 136 | Phospholipid fatty acids and neurotoxicity in human neuroblastoma SH-SY5Y cells. Neuroscience Letters, 2001, 309, 193-196. | 1.0 | 35 |
| 137 | Ziprasidone suppresses olanzapine-induced increases in ingestive behaviour in the rat. European Journal of Pharmacology, 2004, 505, 253-254. | 1.7 | 35 |
| 138 | Effects of excitotoxic lesions of the rat prefrontal cortex on CREB regulation and presynaptic markers of dopamine and amino acid function in the nucleus accumbens. European Journal of Neuroscience, 1999, 11, 1265-1274. | 1.2 | 34 |
| 139 | Effect of acute tryptophan depletion on noradrenaline and dopamine in the rat brain. Journal of Psychopharmacology, 2009, 23, 51-55. | 2.0 | 34 |
| 140 | GRIN2B promoter methylation deficits in early-onset schizophrenia and its association with cognitive function. Epigenomics, 2019, 11, 401-410. | 1.0 | 34 |
| 141 | A selective reduction in the relative density of parvalbumin-immunoreactive neurons in the hippocampus in schizophrenia patients. Chinese Medical Journal, 2002, 115, 819-23. | 0.9 | 34 |
| 142 | Deficits of [3H]d-aspartate binding to glutamate uptake sites in striatal and accumbens tissue in patients with schizophrenia. Neuroscience Letters, 1997, 232, 13-16. | 1.0 | 33 |
| 143 | Selective increases in the cytokine, TNFÎ±, in the prefrontal cortex of PCP-treated rats and human schizophrenic subjects: influence of antipsychotic drugs. Journal of Psychopharmacology, 2006, 20, 636-642. | 2.0 | 33 |
| 144 | Tryptophan depletion impairs object-recognition memory in the rat: Reversal by risperidone. Behavioural Brain Research, 2010, 208, 479-483. | 1.2 | 33 |

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|---|---|---|---|
| 145 | Receptor mechanisms of antipsychotic drug action in bipolar disorder â€“ focus on asenapine. Therapeutic Advances in Psychopharmacology, 2011, 1, 197-204. | 1.2 | 33 |
| 146 | Association ofFTO,LEPRandMTHFRgene polymorphisms with metabolic syndrome in schizophrenia patients receiving antipsychotics. Pharmacogenomics, 2014, 15, 477-485. | 0.6 | 33 |
| 147 | Dementia in Huntington's disease is associated with neurochemical deficits in the caudate nucleus, not the cerebral cortex. Neuroscience Letters, 1990, 113, 95-100. | 1.0 | 32 |
| 148 | Parvalbumin promoter hypermethylation in postmortem brain in schizophrenia. Epigenomics, 2018, 10, 519-524. | 1.0 | 32 |
| 149 | Dopamine receptors and schizophrenia: the neuroleptic drug problem. Neuropharmacology, 1981, 20, 1319-20. | 2.0 | 32 |
| 150 | [3H] GBR 12935 binding to the dopamine uptake site in post-mortem brain tissue in schizophrenia. Journal of Neural Transmission, 1989, 77, 227-230. | 1.4 | 31 |
| 151 | What is an atypical antipsychotic?. Journal of Psychopharmacology, 1997, 11, 195-199. | 2.0 | 31 |
| 152 | Functional consequences of twoHTR2Cpolymorphisms associated with antipsychotic-induced weight gain. Pharmacogenomics, 2011, 12, 727-734. | 0.6 | 31 |
| 153 | Ziprasidone and aripiprazole attenuate olanzapine-induced hyperphagia in rats. Journal of Psychopharmacology, 2008, 22, 567-571. | 2.0 | 30 |
| 154 | Striatal dopamine and homovanillic acid in Huntington's Disease. Journal of Neural Transmission, 1986, 65, 151-155. | 1.4 | 29 |
| 155 | Deficits of NMDA receptors and glutamate uptake sites in the frontal cortex in AIDS. NeuroReport, 1999, 10, 3513-3515. | 0.6 | 29 |
| 156 | Reduced n-acetylaspartate in the temporal cortex of rats reared in isolation. Biological Psychiatry, 2004, 56, 296-299. | 0.7 | 29 |
| 157 | The Determination and Distribution of2-Phenylethylamine in Sheep Brain. Journal of Neurochemistry, 1980, 34, 1123-1125. | 2.1 | 28 |
| 158 | Clozapine, but not haloperidol, increases neuropeptide Y neuronal expression in the rat hypothalamus. Journal of Psychopharmacology, 2006, 20, 577-579. | 2.0 | 28 |
| 159 | Modelling the cognitive and neuropathological features of schizophrenia with phencyclidine. Journal of Psychopharmacology, 2016, 30, 1141-1144. | 2.0 | 28 |
| 160 | The Pharmacogenetics of Symptom Response to Antipsychotic Drugs. Psychiatry Investigation, 2012, 9, 1. | 0.7 | 28 |
| 161 | THIORIDAZINE IS NOT SPECIFIC FOR LIMBIC DOPAMINE RECEPTORS. Lancet, The, 1982, 320, 499-500. | 6.3 | 27 |
| 162 | Depletion of monoamine transmitters by tetrabenazine in brain tissue in Huntington's disease. Neuropharmacology, 1988, 27, 717-719. | 2.0 | 27 |

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|---|---|---|---|
| 163 | [3H]Ditolylguanidine binding to human brain Ïƒ sites is diminished after haloperidol treatment. European Journal of Pharmacology, 1991, 194, 235-236. | 1.7 | 27 |
| 164 | BDNF (Val66Met) genetic polymorphism is associated with vulnerability for methamphetamine dependence. Pharmacogenomics, 2015, 16, 1541-1545. | 0.6 | 27 |
| 165 | Antipsychotic drug mechanisms and neurotransmitter systems in schizophrenia. Acta Psychiatrica Scandinavica, 1994, 89, 36-40. | 2.2 | 26 |
| 166 | Metabolic Effects of 7 Antipsychotics on Patients With Schizophrenia. Journal of Clinical Psychiatry, 2020, 81, . | 1.1 | 26 |
| 167 | Corticotropin-releasing factor-like immunoreactivity in senile dementia of the Alzheimer type. Reduced cortical and striatal concentrations. JAMA - Journal of the American Medical Association, 1985, 254, 3067-9. | 3.8 | 26 |
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