Gavin P Reynolds

List of Publications by Citations

333 papers	17,958 citations	73 h-index	124 g-index
358 ext. papers	19,075 ext. citations	6.6 avg, IF	6.57 L-index

#	Paper	IF	Citations
333	Transition metals, ferritin, glutathione, and ascorbic acid in parkinsonian brains. *Journal of Neurochemistry*, **1989**, 52, 515-20	6	1208
332	Increased iron (III) and total iron content in post mortem substantia nigra of parkinsonian brain. *Journal of Neural Transmission*, **1988**, 74, 199-205	4.3	611
331	Increased concentrations and lateral asymmetry of amygdala dopamine in schizophrenia. *Nature*, **1983**, 305, 527-9	50.4	364
330	A selective decrease in the relative density of parvalbumin-immunoreactive neurons in the hippocampus in schizophrenia. *Schizophrenia Research*, **2002**, 55, 1-10	3.6	361
329	Human brain dopamine receptors in children and aging adults. *Synapse*, **1987**, 1, 399-404	2.4	351
328	Association of antipsychotic drug-induced weight gain with a 5-HT2C receptor gene polymorphism. *Lancet, The*, **2002**, 359, 2086-7	40	346
327	Frontal cortical and left temporal glutamatergic dysfunction in schizophrenia. *Journal of Neurochemistry*, **1989**, 52, 1781-6	6	346
326	Neurochemical characteristics of early and late onset types of Alzheimer's disease. *British Medical Journal*, **1984**, 288, 961-4		329
325	Bimodal distribution of dopamine receptor densities in brains of schizophrenics. *Science*, **1984**, 225, 728-31	33.3	316
324	Parvalbumin-immunoreactive neurons are reduced in the prefrontal cortex of schizophrenics. *Schizophrenia Research*, **1997**, 24, 349-55	3.6	303
323	Selective deficits in prefrontal cortical GABAergic neurons in schizophrenia defined by the presence of calcium-binding proteins. *Biological Psychiatry*, **2002**, 52, 708-15	7.9	298
322	Metabolic side effects of antipsychotic drug treatment--pharmacological mechanisms. *Pharmacology & Therapeutics*, **2010**, 125, 169-79	13.9	276
321	Loss of pigmented dopamine-beta-hydroxylase positive cells from locus coeruleus in senile dementia of Alzheimer's type. *Neuroscience Letters*, **1983**, 39, 95-100	3.3	242
320	Deprenyl is metabolized to methamphetamine and amphetamine in man. *British Journal of Clinical Pharmacology*, **1978**, 6, 542-4	3.8	242
319	Human brain D1 and D2 dopamine receptors in schizophrenia, Alzheimer's, Parkinson's, and Huntington's diseases. *Neuropsychopharmacology*, **1987**, 1, 5-15	8.7	241
318	Deprenyl administration in man: a selective monoamine oxidase B inhibitor without the 'cheese effect'. *Psychopharmacology*, **1978**, 57, 33-8	4.7	231
317	[3H]MK-801 binding sites in postmortem brain regions of schizophrenic patients. *Journal of Neural Transmission*, **1989**, 77, 231-6	4.3	230

316	Polymorphisms of the 5-HT2C receptor and leptin genes are associated with antipsychotic drug-induced weight gain in Caucasian subjects with a first-episode psychosis. *Pharmacogenetics and Genomics*, **2005**, 15, 195-200	1.9	215
315	Deficit and hemispheric asymmetry of GABA uptake sites in the hippocampus in schizophrenia. *Biological Psychiatry*, **1990**, 27, 1038-44	7.9	183
314	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	4.3	178
313	Polymorphism of the promoter region of the serotonin 5-HT(2C) receptor gene and clozapine-induced weight gain. *American Journal of Psychiatry*, **2003**, 160, 677-9	11.9	172
312	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	4.6	171
311	Effects of antipsychotics on fat deposition and changes in leptin and insulin levels. Magnetic resonance imaging study of previously untreated people with schizophrenia. *British Journal of Psychiatry*, **2004**, 184, 58-62	5.4	168
310	5-Hydroxytryptamine (5-HT)4 receptors in post mortem human brain tissue: distribution, pharmacology and effects of neurodegenerative diseases. *British Journal of Pharmacology*, **1995**, 114, 993-8	8.6	148
309	Asymmetrical loss of glutamate receptor subtype in left hippocampus in schizophrenia. *Lancet, The*, **1988**, 1, 583-4	40	145
308	Beyond the dopamine hypothesis. The neurochemical pathology of schizophrenia. *British Journal of Psychiatry*, **1989**, 155, 305-16	5.4	143
307	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, 252-6	3.3	135
306	Reduced binding of [3H]ketanserin to cortical 5-ht2 receptors in senile dementia of the Alzheimer type. *Neuroscience Letters*, **1984**, 44, 47-51	3.3	132
305	Developments in the drug treatment of schizophrenia. *Trends in Pharmacological Sciences*, **1992**, 13, 116-21	12	130
304	Region-specific loss of glutamate innervation in Alzheimer's disease. *Neuroscience Letters*, **1987**, 73, 77-80	3.3	128
303	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, 717-48	4.6	127
302	Calcium binding protein markers of GABA deficits in schizophrenia--postmortem studies and animal models. *Neurotoxicity Research*, **2004**, 6, 57-61	4.3	125
301	Increased brain concentrations of a neurotoxin, 3-hydroxykynurenine, in Huntington's disease. *Neuroscience Letters*, **1992**, 144, 199-201	3.3	125
300	Neurochemical correlates of cortical GABAergic deficits in schizophrenia: selective losses of calcium binding protein immunoreactivity. *Brain Research Bulletin*, **2001**, 55, 579-84	3.9	124
299	The 5-HT2C receptor and antipsychoticinduced weight gain - mechanisms and genetics. *Journal of Psychopharmacology*, **2006**, 20, 15-8	4.6	123

298	Neuronal degeneration in locus ceruleus and cortical correlates of Alzheimer disease. *Alzheimer Disease and Associated Disorders*, **1987**, 1, 256-62	2.5	123
297	Amphetamine and 2-phenylethylamine in post-mortem Parkinsonian brain after (-)deprenyl administration. *Journal of Neural Transmission*, **1978**, 43, 271-7	4.3	123
296	The effect of atypical and classical antipsychotics on sub-chronic PCP-induced cognitive deficits in a reversal-learning paradigm. *Behavioural Brain Research*, **2006**, 169, 263-73	3.4	122
295	GABAergic neuronal subtypes in the human frontal cortex--development and deficits in schizophrenia. *Journal of Chemical Neuroanatomy*, **2001**, 22, 95-100	3.2	122
294	Deficits in parvalbumin and calbindin immunoreactive cells in the hippocampus of isolation reared rats. *Journal of Neural Transmission*, **2007**, 114, 893-8	4.3	120
293	Pre-frontal structural and functional deficits associated with individual differences in schizotypal personality. *Schizophrenia Research*, **1992**, 7, 237-47	3.6	118
292	Depleted red cell membrane essential fatty acids in drug-treated schizophrenic patients. *Journal of Psychiatric Research*, **1995**, 29, 227-32	5.2	117
291	The role of 5-HT2C receptor polymorphisms in the pharmacogenetics of antipsychotic drug treatment. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2005**, 29, 1021-8	5.5	112
290	Immunocytochemical studies on the basal ganglia and substantia nigra in Parkinson's disease and Huntington's chorea. *Neuroscience*, **1988**, 25, 419-38	3.9	112
289	Distribution of phosphate-activated glutaminase, succinic dehydrogenase, pyruvate dehydrogenase and gamma-glutamyl transpeptidase in post-mortem brain from Huntington's disease and agonal cases. *Journal of the Neurological Sciences*, **1985**, 67, 161-71	3.2	112
288	Does phenylethylamine cause schizophrenia?. *Lancet, The*, **1976**, 1, 70-1	40	112
287	The NR1 subunit of the glutamate/NMDA receptor in the superior temporal cortex in schizophrenia and affective disorders. *Neuroscience Letters*, **2004**, 372, 173-7	3.3	111
286	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, 143-51	1.2	108
285	[3H]SCH 23390 labeled D1 dopamine receptors are unchanged in schizophrenia and Parkinson's disease. *European Journal of Pharmacology*, **1985**, 114, 235-7	5.3	108
284	Dopamine deficits in the brain: the neurochemical basis of parkinsonian symptoms in AIDS. *NeuroReport*, **1996**, 7, 910-2	1.7	103
283	Brain quinolinic acid in Huntington's disease. *Journal of Neurochemistry*, **1988**, 50, 1959-60	6	100
282	Neuronal calcium-binding proteins and schizophrenia. *Schizophrenia Research*, **2002**, 57, 27-34	3.6	98
281	Hippocampal tin, aluminum and zinc in Alzheimer's disease. *BioMetals*, **1993**, 6, 149-54	3.4	95

280	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, 57-65	4.6	94
279	Dopamine D2 receptor density remains constant in treated Parkinson's disease. *Annals of Neurology*, **1986**, 19, 487-92	9.4	94
278	A disorder of cortical GABAergic innervation in Alzheimer's disease. *Neuroscience Letters*, **1987**, 73, 192-6	3.3	91
277	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	6	90
276	Effect of 5-HT1A receptor gene polymorphism on negative and depressive symptom response to antipsychotic treatment of drug-naive psychotic patients. *American Journal of Psychiatry*, **2006**, 163, 1826-9	11.9	89
275	Receptor mechanisms in the treatment of schizophrenia. *Journal of Psychopharmacology*, **2004**, 18, 340-5	4.6	88
274	Deficient production of tyramine and octopamine in cases of depression. *Nature*, **1979**, 278, 357-8	50.4	87
273	Monoamine neurotransmitters and their metabolites in brain regions in Alzheimer's disease: a postmortem study. *Cellular and Molecular Neurobiology*, **1992**, 12, 581-7	4.6	86
272	Structural and functional characteristics of the corpus callosum in schizophrenics, psychiatric controls, and normal controls. A magnetic resonance imaging and neuropsychological evaluation. *Archives of General Psychiatry*, **1990**, 47, 1060-4		86
271	Increased peripheral benzodiazepine binding sites in the brain of patients with Huntington's disease. *Neuroscience Letters*, **1998**, 241, 53-6	3.3	84
270	Alzheimer-like neurotransmitter deficits in adult Down's syndrome brain tissue. *Journal of Neurology, Neurosurgery and Psychiatry*, **1987**, 50, 775-8	5.5	83
269	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	27.4	83
268	Tardive dyskinesia, lipid peroxidation, and sustained amelioration with vitamin E treatment. *International Clinical Psychopharmacology*, **1993**, 8, 151-3	2.2	79
267	Neuroanatomical correlates of skin conductance orienting in normal humans: a magnetic resonance imaging study. *Psychophysiology*, **1991**, 28, 548-58	4.1	79
266	M9. RATS REARED IN SOCIAL ISOLATION INDUCES EPIGENETIC MODIFICATIONS IN THE NMDA RECEPTOR SUBUNITS. *Schizophrenia Bulletin*, **2020**, 46, S136-S136	1.3	78
265	M210. GRIN2B METHYLATION IS RELATED TO PANSS EXCITED COMPONENT (PANSS-EC) IN SCHIZOPHRENIA. *Schizophrenia Bulletin*, **2020**, 46, S216-S216	1.3	78
264	S8. GRIN1 PROMOTER METHYLATION CHANGES IN BLOOD OF EARLY-ONSET PSYCHOTIC PATIENTS AND UNAFFECTED SIBLINGS WITH CHILDHOOD TRAUMA. *Schizophrenia Bulletin*, **2020**, 46, S32-S33	1.3	78
263	Region specific changes in forebrain 5-hydroxytryptamine1A and 5-hydroxytryptamine2A receptors in isolation-reared rats: an in vitro autoradiography study. *Neuroscience*, **2004**, 123, 725-32	3.9	76

262	Influence of 5-HT2C receptor and leptin gene polymorphisms, smoking and drug treatment on metabolic disturbances in patients with schizophrenia. *British Journal of Psychiatry*, **2008**, 192, 424-8	5.4	75
261	Are striatal dopamine D4 receptors increased in schizophrenia?. *Journal of Neurochemistry*, **1994**, 63, 1576-7	6	73
260	Increased concentrations of the neurotoxin 3-hydroxykynurenine in the frontal cortex of HIV-1-positive patients. *Journal of Neurochemistry*, **1995**, 64, 932-5	6	73
259	Age and histopathologic heterogeneity in Alzheimer's disease. Evidence for subtypes. *Archives of General Psychiatry*, **1987**, 44, 412-7		73
258	Brain neurotransmitter deficits in mice transgenic for the Huntington's disease mutation. *Journal of Neurochemistry*, **1999**, 72, 1773-6	6	72
257	Understanding the neurotransmitter pathology of schizophrenia: selective deficits of subtypes of cortical GABAergic neurons. *Journal of Neural Transmission*, **2002**, 109, 881-9	4.3	70
256	Clozapine-induced hypersalivation and the alpha 2 adrenoceptor. *British Journal of Psychiatry*, **1995**, 167, 412	5.4	70
255	Dopamine depletion of the nucleus accumbens reverses isolation-induced deficits in prepulse inhibition in rats. *Neuroscience*, **2003**, 119, 233-40	3.9	69
254	Decreased glutamic acid and increased 5-hydroxytryptamine in Huntington's disease brain. *Neuroscience Letters*, **1987**, 78, 233-8	3.3	68
253	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, 122-7	3.4	67
252	Olanzapine-induced weight gain in the rat: role of 5-HT2C and histamine H1 receptors. *Psychopharmacology*, **2009**, 207, 119-25	4.7	67
251	Acute and chronic tryptophan depletion differentially regulate central 5-HT1A and 5-HT 2A receptor binding in the rat. *Psychopharmacology*, **2007**, 190, 497-506	4.7	67
250	Absence of detectable striatal dopamine D4 receptors in drug-treated schizophrenia. *European Journal of Pharmacology*, **1995**, 281, R5-6	5.3	67
249	Schizophrenia-related endophenotypes in heterozygous neuregulin-1 'knockout' mice. *European Journal of Neuroscience*, **2010**, 31, 349-58	3.5	66
248	Serotonin concentrations and turnover in brains of depressed suicides. *Brain Research*, **1989**, 502, 332-40	3.7	66
247	Frontal cortex indoleamine-2,3-dioxygenase activity is increased in HIV-1-associated dementia. *Neuroscience Letters*, **1995**, 187, 9-12	3.3	64
246	Association of a polymorphism in the promoter region of the serotonin 5-HT2C receptor gene with tardive dyskinesia in patients with schizophrenia. *Molecular Psychiatry*, **2002**, 7, 670-1	15.1	62
245	Chronic clozapine treatment of rats down-regulates cortical 5-HT2 receptors. *European Journal of Pharmacology*, **1983**, 89, 325-6	5.3	62

244	An evaluation of structural and functional prefrontal deficits in schizophrenia: MRI and neuropsychological measures. *Psychiatry Research - Neuroimaging*, **1992**, 45, 123-37	2.9	60
243	Reduced high-affinity glutamate uptake sites in the brains of patients with Huntington's disease. *Neuroscience Letters*, **1986**, 67, 198-202	3.3	58
242	The increased activity of plasma manganese superoxide dismutase in tardive dyskinesia is unrelated to the Ala-9Val polymorphism. *Journal of Psychiatric Research*, **2002**, 36, 317-24	5.2	55
241	Characterization of [3H]GR 113808 binding to 5-HT4 receptors in brain tissues from patients with neurodegenerative disorders. *Behavioural Brain Research*, **1996**, 73, 249-52	3.4	55
240	N-acetylaspartate and N-Acetylaspartylglutamate deficits in superior temporal cortex in schizophrenia and bipolar disorder: a postmortem study. *Biological Psychiatry*, **2003**, 53, 1138-41	7.9	52
239	Influence and interaction of genetic polymorphisms in the serotonin system and life stress on antidepressant drug response. *Journal of Psychopharmacology*, **2012**, 26, 349-59	4.6	51
238	Clozapine has sub-micromolar affinity for 5-HT1A receptors in human brain tissue. *European Journal of Pharmacology*, **1992**, 221, 397-8	5.3	51
237	Neonatal lipopolysaccharide induces pathological changes in parvalbumin immunoreactivity in the hippocampus of the rat. *Behavioural Brain Research*, **2009**, 205, 355-9	3.4	50
236	Determination of 3-hydroxykynurenine in human brain and plasma by high-performance liquid chromatography with electrochemical detection. Increased concentrations in hepatic encephalopathy. *Biomedical Applications*, **1991**, 565, 436-40		50
235	Increased brain 3-hydroxykynurenine in Huntington's disease. *Lancet, The*, **1989**, 2, 979-80	40	50
234	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, 335-9	3.3	50
233	Arachidonic acid: a common link in the biology of schizophrenia?. *Archives of General Psychiatry*, **1994**, 51, 665-6		49
232	5-HT2C receptor gene polymorphisms associated with antipsychotic drug action alter promoter activity. *Brain Research*, **2007**, 1149, 14-7	3.7	47
231	Amino acid neurotransmitter deficits in adult Down's syndrome brain tissue. *Neuroscience Letters*, **1988**, 94, 224-7	3.3	47
230	Effect of subchronic phencyclidine administration on sucrose preference and hippocampal parvalbumin immunoreactivity in the rat. *Neuroscience Letters*, **2010**, 471, 144-7	3.3	46
229	Increased N-acetylaspartate in rat striatum following long-term administration of haloperidol. *Schizophrenia Research*, **2005**, 75, 303-8	3.6	46
228	Dopamine and noradrenalin in the cerebrospinal fluid of schizophrenic patients. *Psychiatry Research* , **1983**, 8, 243-50	9.9	46
227	The atypical antipsychotic olanzapine enhances ingestive behaviour in the rat: a preliminary study. *Journal of Psychopharmacology*, **2002**, 16, 35-7	4.6	45

226	Neuropeptides in Alzheimer's disease: a postmortem study. *Regulatory Peptides*, **1989**, 25, 123-30		45
225	Chronic phencyclidine administration induces schizophrenia-like changes in N-acetylaspartate and N-acetylaspartylglutamate in rat brain. *Schizophrenia Research*, **2005**, 73, 147-52	3.6	44
224	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	5.5	44
223	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	3.7	43
222	Sexual dysfunction in male schizophrenia: influence of antipsychotic drugs, prolactin and polymorphisms of the dopamine D2 receptor genes. *Pharmacogenomics*, **2011**, 12, 1127-36	2.6	43
221	Interaction between polymorphisms of the dopamine D3 receptor and manganese superoxide dismutase genes in susceptibility to tardive dyskinesia. *Psychiatric Genetics*, **2003**, 13, 187-92	2.9	43
220	Neurotensin in the adrenal medulla. *Neuroscience Letters*, **1983**, 35, 155-60	3.3	43
219	Pharmacogenetic Aspects of Antipsychotic Drug-induced Weight Gain - A Critical Review. *Clinical Psychopharmacology and Neuroscience*, **2012**, 10, 71-7	3.4	43
218	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, 308-11	6.6	42
217	Disturbances in social interaction occur along with pathophysiological deficits following sub-chronic phencyclidine administration in the rat. *Behavioural Brain Research*, **2008**, 194, 230-5	3.4	42
216	Increased density of glutamate/N-methyl-D-aspartate receptors in putamen from schizophrenic patients. *Neuroscience Letters*, **1998**, 241, 143-6	3.3	40
215	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, 645-9	5.8	39
214	Imidazoline binding sites in Huntington's and Parkinson's disease putamen. *European Journal of Pharmacology*, **1996**, 301, R19-21	5.3	39
213	The importance of dopamine D4 receptors in the action and development of antipsychotic agents. *Drugs*, **1996**, 51, 7-11	12.1	39
212	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, 151-7	4.3	39
211	Influence of genetic polymorphisms in the glutamatergic and GABAergic systems and their interactions with environmental stressors on antidepressant response. *Pharmacogenomics*, **2013**, 14, 277-88	2.6	38
210	Mechanisms underlying metabolic disturbances associated with psychosis and antipsychotic drug treatment. *Journal of Psychopharmacology*, **2017**, 31, 1430-1436	4.6	38
209	Differential regional N-acetylaspartate deficits in postmortem brain in schizophrenia, bipolar disorder and major depressive disorder. *Journal of Psychiatric Research*, **2011**, 45, 54-9	5.2	38

208	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, 132-6	3.4	38
207	Increased density of glutamate/N-methyl-D-aspartate receptors in superior temporal cortex in schizophrenia. *Neuroscience Letters*, **2001**, 304, 9-12	3.3	36
206	Deficits of neuronal glutamatergic markers in the caudate nucleus in schizophrenia. *Journal of Neural Transmission Supplementum*, **2007**, 281-5		36
205	Tetrahydrobiopterin metabolism in depression. *Lancet, The*, **1984**, 2, 163	40	35
204	DAT1 methylation 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	3.8	34
203	The neuronal pathology of schizophrenia: molecules and mechanisms. *Biochemical Society Transactions*, **2007**, 35, 433-6	5.1	33
202	Effects of tranylcypromine stereoisomers on monamine oxidation in man. *British Journal of Clinical Pharmacology*, **1980**, 9, 521-3	3.8	33
201	The impact of pharmacogenetics on the development and use of antipsychotic drugs. *Drug Discovery Today*, **2007**, 12, 953-9	8.8	32
200	Effect of acute tryptophan depletion on noradrenaline and dopamine in the rat brain. *Journal of Psychopharmacology*, **2009**, 23, 51-5	4.6	31
199	Phospholipid fatty acids and neurotoxicity in human neuroblastoma SH-SY5Y cells. *Neuroscience Letters*, **2001**, 309, 193-6	3.3	31
198	Dopamine receptors and schizophrenia: drug effect or illness. *Lancet, The*, **1980**, 2, 1251	40	31
197	Antioxidant capacity in postmortem brain tissues of Parkinson's and Alzheimer's diseases. *Journal of Neural Transmission Supplementum*, **2006**, 39-43		31
196	Pharmacogenomics in psychiatry: the relevance of receptor and transporter polymorphisms. *British Journal of Clinical Pharmacology*, **2014**, 77, 654-72	3.8	30
195	Deficits of [3H]D-aspartate binding to glutamate uptake sites in striatal and accumbens tissue in patients with schizophrenia. *Neuroscience Letters*, **1997**, 232, 13-6	3.3	30
194	Ziprasidone suppresses olanzapine-induced increases in ingestive behaviour in the rat. *European Journal of Pharmacology*, **2004**, 505, 253-4	5.3	30
193	Dopamine receptor asymmetry in schizophrenia. *Lancet, The*, **1987**, 1, 979	40	30
192	Dopamine receptors and schizophrenia: the neuroleptic drug problem. *Neuropharmacology*, **1981**, 20, 1319-20	5.5	30
191	Association of FTO, LEPR and MTHFR gene polymorphisms with metabolic syndrome in schizophrenia patients receiving antipsychotics. *Pharmacogenomics*, **2014**, 15, 477-85	2.6	29

190	What is an atypical antipsychotic?. *Journal of Psychopharmacology*, **1997**, 11, 195-9	4.6	29
189	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, 1265-74	3.5	29
188	Tryptophan depletion impairs object-recognition memory in the rat: reversal by risperidone. *Behavioural Brain Research*, **2010**, 208, 479-83	3.4	28
187	Receptor mechanisms of antipsychotic drug action in bipolar disorder - focus on asenapine. *Therapeutic Advances in Psychopharmacology*, **2011**, 1, 197-204	4.9	28
186	Reduced N-acetylaspartate in the temporal cortex of rats reared in isolation. *Biological Psychiatry*, **2004**, 56, 296-9	7.9	28
185	[3H] GBR 12935 binding to the dopamine uptake site in post-mortem brain tissue in schizophrenia. *Journal of Neural Transmission*, **1989**, 77, 227-30	4.3	28
184	Dementia in Huntington's disease is associated with neurochemical deficits in the caudate nucleus, not the cerebral cortex. *Neuroscience Letters*, **1990**, 113, 95-100	3.3	28
183	Striatal dopamine and homovanillic acid in Huntington's disease. *Journal of Neural Transmission*, **1986**, 65, 151-5	4.3	28
182	A selective reduction in the relative density of parvalbumin-immunoreactive neurons in the hippocampus in schizophrenia patients. *Chinese Medical Journal*, **2002**, 115, 819-23	2.9	28
181	Selective increases in the cytokine, TNFalpha, in the prefrontal cortex of PCP-treated rats and human schizophrenic subjects: influence of antipsychotic drugs. *Journal of Psychopharmacology*, **2006**, 20, 636-42	4.6	27
180	Ziprasidone and aripiprazole attenuate olanzapine-induced hyperphagia in rats. *Journal of Psychopharmacology*, **2008**, 22, 567-71	4.6	26
179	Deficits of NMDA receptors and glutamate uptake sites in the frontal cortex in AIDS. *NeuroReport*, **1999**, 10, 3513-5	1.7	26
178	The determination and distribution of 2-phenylethylamine in sheep brain. *Journal of Neurochemistry*, **1980**, 34, 1123-5	6	26
177	The pharmacogenetics of symptom response to antipsychotic drugs. *Psychiatry Investigation*, **2012**, 9, 1-7	3.1	26
176	[3H]ditolylguanidine binding to human brain sigma sites is diminished after haloperidol treatment. *European Journal of Pharmacology*, **1991**, 194, 235-6	5.3	25
175	Clozapine, but not haloperidol, increases neuropeptide Y neuronal expression in the rat hypothalamus. *Journal of Psychopharmacology*, **2006**, 20, 577-9	4.6	24
174	Phenylethylamine and phenylacetic acid in CSF of schizophrenics and healthy controls. *Archiv Fur Psychiatrie Und Nervenkrankheiten*, **1983**, 232, 463-71		24
173	GRIN2B promoter methylation deficits in early-onset schizophrenia and its association with cognitive function. *Epigenomics*, **2019**, 11, 401-410	4.4	24

172	BDNF (Val66Met) genetic polymorphism is associated with vulnerability for methamphetamine dependence. *Pharmacogenomics*, **2015**, 16, 1541-5	2.6	23
171	Functional consequences of two HTR2C polymorphisms associated with antipsychotic-induced weight gain. *Pharmacogenomics*, **2011**, 12, 727-34	2.6	23
170	Actions of antipsychotic drugs on pancreatic beta-cell function: contrasting effects of clozapine and haloperidol. *Journal of Psychopharmacology*, **2005**, 19, 597-601	4.6	23
169	Alzheimer-like brain monoamine deficits in adults with Down's syndrome. *Lancet, The*, **1985**, 2, 1368-9	40	23
168	Modelling the cognitive and neuropathological features of schizophrenia with phencyclidine. *Journal of Psychopharmacology*, **2016**, 30, 1141-1144	4.6	22
167	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	4.9	22
166	The obesity risk gene FTO influences body mass in chronic schizophrenia but not initial antipsychotic drug-induced weight gain in first-episode patients. *International Journal of Neuropsychopharmacology*, **2013**, 16, 1421-5	5.8	22
165	Depletion of monoamine transmitters by tetrabenazine in brain tissue in Huntington's disease. *Neuropharmacology*, **1988**, 27, 717-9	5.5	22
164	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	27.4	22
163	Antipsychotic drug mechanisms and neurotransmitter systems in schizophrenia. *Acta Psychiatrica Scandinavica*, **1994**, 380, 36-40	6.5	21
162	Thioridazine is not specific for limbic dopamine receptors. *Lancet, The*, **1982**, 2, 499-500	40	21
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