

Brian Dean

List of Publications by Citations

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302
papers

11,972
citations

57
h-index

98
g-index

332
ext. papers

13,346
ext. citations

5.2
avg, IF

6.37
L-index

#	Paper	IF	Citations
302	Pathways underlying neuroprogression in bipolar disorder: focus on inflammation, oxidative stress and neurotrophic factors. <i>Neuroscience and Biobehavioral Reviews</i> , 2011 , 35, 804-17	9	844
301	Shark-skin surfaces for fluid-drag reduction in turbulent flow: a review. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2010 , 368, 4775-806	3	413
300	Studies on [3H]CP-55940 binding in the human central nervous system: regional specific changes in density of cannabinoid-1 receptors associated with schizophrenia and cannabis use. <i>Neuroscience</i> , 2001 , 103, 9-15	3.9	341
299	Ionotropic glutamate receptors and expression of N-methyl-D-aspartate receptor subunits in subregions of human hippocampus: effects of schizophrenia. <i>American Journal of Psychiatry</i> , 2000 , 157, 1141-9	11.9	339
298	Prescribing errors in hospital inpatients: their incidence and clinical significance. <i>Quality and Safety in Health Care</i> , 2002 , 11, 340-4		268
297	Individual differences in allocation of funds in the dictator game associated with length of the arginine vasopressin 1a receptor RS3 promoter region and correlation between RS3 length and hippocampal mRNA. <i>Genes, Brain and Behavior</i> , 2008 , 7, 266-75	3.6	263
296	What is a prescribing error?. <i>Quality in Health Care: QHC</i> , 2000 , 9, 232-7		262
295	Effect of chemically well-defined sphingosine and its N-methyl derivatives on protein kinase C and src kinase activities. <i>Biochemistry</i> , 1989 , 28, 6796-800	3.2	254
294	Decreased muscarinic receptor binding in subjects with schizophrenia: a study of the human hippocampal formation. <i>Biological Psychiatry</i> , 2000 , 48, 381-8	7.9	207
293	Towards a muscarinic hypothesis of schizophrenia. <i>Molecular Psychiatry</i> , 2007 , 12, 232-46	15.1	206
292	Anatomical abnormalities of the anterior cingulate cortex in schizophrenia: bridging the gap between neuroimaging and neuropathology. <i>Schizophrenia Bulletin</i> , 2009 , 35, 973-93	1.3	177
291	Low muscarinic receptor binding in prefrontal cortex from subjects with schizophrenia: a study of Brodmann's areas 8, 9, 10, and 46 and the effects of neuroleptic drug treatment. <i>American Journal of Psychiatry</i> , 2001 , 158, 918-25	11.9	173
290	Decreased muscarinic1 receptors in the dorsolateral prefrontal cortex of subjects with schizophrenia. <i>Molecular Psychiatry</i> , 2002 , 7, 1083-91	15.1	163
289	Molecular profiles of schizophrenia in the CNS at different stages of illness. <i>Brain Research</i> , 2008 , 1239, 235-48	3.7	154
288	Changes in serotonin2A and GABA(A) receptors in schizophrenia: studies on the human dorsolateral prefrontal cortex. <i>Journal of Neurochemistry</i> , 1999 , 72, 1593-9	6	134
287	Autophagy has a key role in the pathophysiology of schizophrenia. <i>Molecular Psychiatry</i> , 2015 , 20, 126-32	5.1	129
286	Decreased NR1, NR2A, and SAP102 transcript expression in the hippocampus in bipolar disorder. <i>Brain Research</i> , 2007 , 1127, 108-18	3.7	128

285	Validity and reliability of observational methods for studying medication administration errors. <i>American Journal of Health-System Pharmacy</i> , 2001 , 58, 54-9	2.2	127
284	Genome-wide expression analysis detects eight genes with robust alterations specific to bipolar I disorder: relevance to neuronal network perturbation. <i>Human Molecular Genetics</i> , 2006 , 15, 1949-62	5.6	121
283	Increased CNS levels of apolipoprotein D in schizophrenic and bipolar subjects: implications for the pathophysiology of psychiatric disorders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 4066-71	11.5	113
282	Coexpression network analysis of neural tissue reveals perturbations in developmental processes in schizophrenia. <i>Genome Research</i> , 2010 , 20, 403-12	9.7	111
281	Phospholipase C-beta1 knockout mice exhibit endophenotypes modeling schizophrenia which are rescued by environmental enrichment and clozapine administration. <i>Molecular Psychiatry</i> , 2008 , 13, 661-72	15.1	106
280	Problem of diagnosis in postmortem brain studies of schizophrenia. <i>American Journal of Psychiatry</i> , 1996 , 153, 533-7	11.9	106
279	The density of muscarinic M1 receptors is decreased in the caudate-putamen of subjects with schizophrenia. <i>Molecular Psychiatry</i> , 1996 , 1, 54-8	15.1	103
278	Clozapine reverses schizophrenia-related behaviours in the metabotropic glutamate receptor 5 knockout mouse: association with N-methyl-D-aspartic acid receptor up-regulation. <i>International Journal of Neuropsychopharmacology</i> , 2009 , 12, 45-60	5.8	98
277	Disease- and age-related changes in histone acetylation at gene promoters in psychiatric disorders. <i>Translational Psychiatry</i> , 2011 , 1, e64	8.6	97
276	Decreased hippocampal NMDA, but not kainate or AMPA receptors in bipolar disorder. <i>Bipolar Disorders</i> , 2003 , 5, 257-64	3.8	97
275	Decreased cortical muscarinic receptors define a subgroup of subjects with schizophrenia. <i>Molecular Psychiatry</i> , 2009 , 14, 1017-23	15.1	96
274	A Role for Estrogen in Schizophrenia: Clinical and Preclinical Findings. <i>International Journal of Endocrinology</i> , 2015 , 2015, 615356	2.7	95
273	Decreased frontal cortical serotonin2A receptors in schizophrenia. <i>Schizophrenia Research</i> , 1996 , 21, 133-9	3.6	95
272	Double-blind controlled trial of azathioprine in children with newly diagnosed type I diabetes. <i>Diabetes</i> , 1989 , 38, 779-83	0.9	93
271	Epigenetic Aging in Major Depressive Disorder. <i>American Journal of Psychiatry</i> , 2018 , 175, 774-782	11.9	92
270	A specific enhancing effect of N,N-dimethylsphingosine on epidermal growth factor receptor autophosphorylation. Demonstration of its endogenous occurrence (and the virtual absence of unsubstituted sphingosine) in human epidermoid carcinoma A431 cells.. <i>Journal of Biological Chemistry</i> , 1990 , 265, 5385-5389	5.4	91
269	Biomarkers in schizophrenia: A focus on blood based diagnostics and theranostics. <i>World Journal of Psychiatry</i> , 2016 , 6, 102-17	3	86
268	Regionally-specific changes in levels of tumour necrosis factor in the dorsolateral prefrontal cortex obtained postmortem from subjects with major depressive disorder. <i>Journal of Affective Disorders</i> , 2010 , 120, 245-8	6.6	85

267	Increased levels of SNAP-25 and synaptophysin in the dorsolateral prefrontal cortex in bipolar I disorder. <i>Bipolar Disorders</i> , 2006 , 8, 133-43	3.8	84
266	The cortical serotonin _{2A} receptor and the pathology of schizophrenia: a likely accomplice. <i>Journal of Neurochemistry</i> , 2003 , 85, 1-13	6	80
265	F35. GENE EXPRESSION SUGGEST ALTERED GLUTAMATERGIC, DOPAMINERGIC AND ESTROGEN CLASSICAL PATHWAYS IN WORKING MEMORY DEFICIT IN SCHIZOPHRENIA. <i>Schizophrenia Bulletin</i> , 2019 , 45, S268-S269	1.3	78
264	A family-based association study and gene expression analyses of netrin-G1 and -G2 genes in schizophrenia. <i>Biological Psychiatry</i> , 2005 , 57, 382-93	7.9	78
263	Comparative proteome analysis of the hippocampus implicates chromosome 6q in schizophrenia. <i>Molecular Psychiatry</i> , 2000 , 5, 85-90	15.1	78
262	S176. A PRELIMINARY INVESTIGATION OF COMT GENE INVOLVEMENT IN COGNITIVE FLEXIBILITY AND ATTENTION IN SCHIZOPHRENIA SPECTRUM DISORDERS. <i>Schizophrenia Bulletin</i> , 2020 , 46, S104-S105 ^{1,3}	1.3	78
261	The binding of [³ H]AF-DX 384 is reduced in the caudate-putamen of subjects with schizophrenia. <i>Life Sciences</i> , 1999 , 64, 1761-71	6.8	77
260	Altered hippocampal muscarinic M ₄ , but not M ₁ , receptor expression from subjects with schizophrenia. <i>Biological Psychiatry</i> , 2007 , 61, 1161-70	7.9	76
259	Different changes in cortical tumor necrosis factor- β -related pathways in schizophrenia and mood disorders. <i>Molecular Psychiatry</i> , 2013 , 18, 767-73	15.1	75
258	A comparative proteome analysis of hippocampal tissue from schizophrenic and Alzheimer β disease individuals. <i>Molecular Psychiatry</i> , 1999 , 4, 173-8	15.1	72
257	Biomarkers for Psychiatry: The Journey from Fantasy to Fact, a Report of the 2013 CINP Think Tank. <i>International Journal of Neuropsychopharmacology</i> , 2015 , 18, pyv042	5.8	71
256	Muscarinic receptors: do they have a role in the pathology and treatment of schizophrenia?. <i>Journal of Neurochemistry</i> , 2008 , 107, 1188-95	6	71
255	Decreased muscarinic receptor binding in the frontal cortex of bipolar disorder and major depressive disorder subjects. <i>Journal of Affective Disorders</i> , 2009 , 116, 184-91	6.6	70
254	Evidence for disruption of sphingolipid metabolism in schizophrenia. <i>Journal of Neuroscience Research</i> , 2009 , 87, 278-88	4.4	70
253	SLC25A12 expression is associated with neurite outgrowth and is upregulated in the prefrontal cortex of autistic subjects. <i>Molecular Psychiatry</i> , 2008 , 13, 385-97	15.1	67
252	Cholinergic connectivity: it β implications for psychiatric disorders. <i>Frontiers in Cellular Neuroscience</i> , 2013 , 7, 55	6.1	66
251	Understanding the role of inflammatory-related pathways in the pathophysiology and treatment of psychiatric disorders: evidence from human peripheral studies and CNS studies. <i>International Journal of Neuropsychopharmacology</i> , 2011 , 14, 997-1012	5.8	64
250	Gene expression profiling in Brodmann β area 46 from subjects with schizophrenia. <i>Australian and New Zealand Journal of Psychiatry</i> , 2007 , 41, 308-20	2.6	64

249	Hospital drug distribution systems in the UK and Germany--a study of medication errors. <i>International Journal of Clinical Pharmacy</i> , 1999 , 21, 25-31		64
248	Confirmation of the diagnosis of schizophrenia after death using DSM-IV: a Victorian experience. <i>Australian and New Zealand Journal of Psychiatry</i> , 1998 , 32, 73-6	2.6	61
247	No correlation between A(-1438)G polymorphism in 5-HT2A receptor gene promoter and the density of frontal cortical 5-HT2A receptors in schizophrenia. <i>Human Heredity</i> , 1999 , 49, 103-5	1.1	59
246	Glutamate transporters, EAAT1 and EAAT2, are potentially important in the pathophysiology and treatment of schizophrenia and affective disorders. <i>World Journal of Psychiatry</i> , 2018 , 8, 51-63	3	59
245	Analysis of induced pluripotent stem cells carrying 22q11.2 deletion. <i>Translational Psychiatry</i> , 2016 , 6, e934	8.6	57
244	Muscarinic receptors in schizophrenia. <i>Current Molecular Medicine</i> , 2003 , 3, 419-26	2.5	56
243	Cortical glutamatergic markers in schizophrenia. <i>Neuropsychopharmacology</i> , 2005 , 30, 1521-31	8.7	55
242	GSK-3 parameters in postmortem frontal cortex and hippocampus of schizophrenic patients. <i>Schizophrenia Research</i> , 2004 , 71, 377-82	3.6	54
241	Consistent with dopamine supersensitivity, RGS9 expression is diminished in the amphetamine-treated animal model of schizophrenia and in postmortem schizophrenia brain. <i>Synapse</i> , 2007 , 61, 303-9	2.4	51
240	[3H]paroxetine binding is altered in the hippocampus but not the frontal cortex or caudate nucleus from subjects with schizophrenia. <i>Journal of Neurochemistry</i> , 1995 , 64, 1197-202	6	50
239	Clozapine and olanzapine treatment decreases rat cortical and limbic GABA(A) receptors. <i>European Journal of Pharmacology</i> , 1998 , 349, R7-8	5.3	49
238	Serotonin2 receptors and the serotonin transporter in the schizophrenic brain. <i>Behavioural Brain Research</i> , 1996 , 73, 169-75	3.4	49
237	Apolipoprotein D levels are elevated in prefrontal cortex of subjects with Alzheimer's disease: no relation to apolipoprotein E expression or genotype. <i>Biological Psychiatry</i> , 2003 , 54, 136-41	7.9	48
236	Decreased cortical muscarinic M1 receptors in schizophrenia are associated with changes in gene promoter methylation, mRNA and gene targeting microRNA. <i>Translational Psychiatry</i> , 2013 , 3, e230	8.6	46
235	5-HT2A and muscarinic receptors in schizophrenia: a postmortem study. <i>Neuroscience Letters</i> , 2005 , 379, 164-8	3.3	46
234	Variation at the APOE -491 promoter locus is associated with altered brain levels of apolipoprotein E. <i>Molecular Psychiatry</i> , 2002 , 7, 886-90	15.1	46
233	No Association between the Serotonin Transporter-Linked Promoter Region Polymorphism and Either Schizophrenia or Density of the Serotonin Transporter in Human Hippocampus. <i>Molecular Medicine</i> , 1998 , 4, 671-674	6.2	46
232	Increase in remission rate in newly diagnosed type I diabetic subjects treated with azathioprine. <i>Diabetes</i> , 1985 , 34, 1306-1308	0.9	46

231	Progesterone: The neglected hormone in schizophrenia? A focus on progesterone-dopamine interactions. <i>Psychoneuroendocrinology</i> , 2016 , 74, 126-140	5	46
230	Region and diagnosis-specific changes in synaptic proteins in schizophrenia and bipolar I disorder. <i>Psychiatry Research</i> , 2010 , 178, 374-80	9.9	45
229	Regionally specific changes in levels of cortical S100beta in bipolar 1 disorder but not schizophrenia. <i>Australian and New Zealand Journal of Psychiatry</i> , 2006 , 40, 217-24	2.6	45
228	Changes in the serotonin transporter in the hippocampus of subjects with schizophrenia identified using [3H]paroxetine. <i>Journal of Neural Transmission</i> , 1996 , 103, 749-57	4.3	45
227	Aberrant expression of microRNAs as biomarker for schizophrenia: from acute state to partial remission, and from peripheral blood to cortical tissue. <i>Translational Psychiatry</i> , 2016 , 6, e717	8.6	44
226	Learning from prescribing errors. <i>Quality and Safety in Health Care</i> , 2002 , 11, 258-60		43
225	Differences in neuroanatomical sites of apoD elevation discriminate between schizophrenia and bipolar disorder. <i>Molecular Psychiatry</i> , 2003 , 8, 167-75	15.1	42
224	Muscarinic1 and 2 receptor mRNA in the human caudate-putamen: no change in m1 mRNA in schizophrenia. <i>Molecular Psychiatry</i> , 2000 , 5, 203-7	15.1	42
223	Altered brain arginine metabolism in schizophrenia. <i>Translational Psychiatry</i> , 2016 , 6, e871	8.6	41
222	Widespread decreases in cortical muscarinic receptors in a subset of people with schizophrenia. <i>International Journal of Neuropsychopharmacology</i> , 2013 , 16, 37-46	5.8	41
221	A change in the density of [(3)H]flumazenil, but not [(3)H]muscimol binding, in Brodmann's Area 9 from subjects with bipolar disorder. <i>Journal of Affective Disorders</i> , 2001 , 66, 147-58	6.6	41
220	No change in the density of the serotonin1A receptor, the serotonin4 receptor or the serotonin transporter in the dorsolateral prefrontal cortex from subjects with schizophrenia. <i>Neurochemistry International</i> , 1999 , 34, 109-15	4.4	41
219	Signal transmission, rather than reception, is the underlying neurochemical abnormality in schizophrenia. <i>Australian and New Zealand Journal of Psychiatry</i> , 2000 , 34, 560-9	2.6	40
218	Cortical serotonin7, 1D and 1F receptors: effects of schizophrenia, suicide and antipsychotic drug treatment. <i>Schizophrenia Research</i> , 2006 , 88, 265-74	3.6	39
217	Normal human aging and early-stage schizophrenia share common molecular profiles. <i>Aging Cell</i> , 2009 , 8, 339-42	9.9	38
216	Recent advances in postmortem pathology and neurochemistry in schizophrenia. <i>Current Opinion in Psychiatry</i> , 2009 , 22, 154-60	4.9	38
215	Increased levels of serotonin 2A receptors and serotonin transporter in the CNS of neuregulin 1 hypomorphic/mutant mice. <i>Schizophrenia Research</i> , 2008 , 99, 341-9	3.6	38
214	No change in cortical muscarinic M2, M3 receptors or [35S]GTPgammaS binding in schizophrenia. <i>Life Sciences</i> , 2006 , 78, 1231-7	6.8	38

213	Increased levels of apolipoprotein E in the frontal cortex of subjects with schizophrenia. <i>Biological Psychiatry</i> , 2003 , 54, 616-22	7.9	38
212	Clozapine decreases [3H] CP 55940 binding to the cannabinoid 1 receptor in the rat nucleus accumbens. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2005 , 371, 428-33	3.4	38
211	The effect of riblets in rectangular duct flow. <i>Applied Surface Science</i> , 2012 , 258, 3936-3947	6.7	37
210	Evaluation of treatment in 35 cases of bipolar suicide. <i>Australian and New Zealand Journal of Psychiatry</i> , 2009 , 43, 503-8	2.6	37
209	Serotonin(2A) receptors are reduced in the planum temporale from subjects with schizophrenia. <i>Schizophrenia Research</i> , 2000 , 44, 35-45	3.6	37
208	Extraction and estimation of glycogen and oligosaccharides from rat heart. <i>Analytical Biochemistry</i> , 1968 , 25, 99-108	3.1	37
207	Fatty acid composition of the postmortem prefrontal cortex of patients with schizophrenia, bipolar disorder, and major depressive disorder. <i>Psychiatry Research</i> , 2015 , 227, 353-9	9.9	35
206	Altered M(1) muscarinic acetylcholine receptor (CHRM1)-Galpha(q/11) coupling in a schizophrenia endophenotype. <i>Neuropsychopharmacology</i> , 2009 , 34, 2156-66	8.7	35
205	Changes in protein kinase C and adenylate cyclase in the temporal lobe from subjects with schizophrenia. <i>Journal of Neural Transmission</i> , 1997 , 104, 1371-81	4.3	35
204	Significant correlation between 14C-5-HT uptake by and 3H-paroxetine binding to platelets from healthy volunteers. <i>Biological Psychiatry</i> , 1993 , 34, 356-60	7.9	35
203	5-HT2A receptor polymorphism and steady state receptor expression in schizophrenia. <i>Lancet, The</i> , 1997 , 349, 1815	4.0	34
202	Clozapine bioactivation induces dose-dependent, drug-specific toxicity of human bone marrow stromal cells: a potential in vitro system for the study of agranulocytosis. <i>Biochemical Pharmacology</i> , 2006 , 72, 783-93	6	34
201	Non-Coding RNA as Novel Players in the Pathophysiology of Schizophrenia. <i>Non-coding RNA</i> , 2018 , 4,	7.1	33
200	M1 Receptor Agonism, a Possible Treatment for Cognitive Deficits in Schizophrenia. <i>Neuropsychopharmacology</i> , 2004 , 29, 1585-1586	8.7	32
199	Changed gene expression in subjects with schizophrenia and low cortical muscarinic M1 receptors predicts disrupted upstream pathways interacting with that receptor. <i>Molecular Psychiatry</i> , 2018 , 23, 295-303	15.1	31
198	Role of the cholinergic system in the pathology and treatment of schizophrenia. <i>Expert Review of Neurotherapeutics</i> , 2009 , 9, 73-86	4.3	31
197	[3H]raclopride binding to brain tissue from subjects with schizophrenia: methodological aspects. <i>Neuropharmacology</i> , 1997 , 36, 779-86	5.5	31
196	Decreased serotonin2A receptors in Brodmann's area 9 from schizophrenic subjects. A pathological or pharmacological phenomenon?. <i>Molecular and Chemical Neuropathology</i> , 1998 , 34, 133-45		31

195	Differential changes in apolipoprotein E in schizophrenia and bipolar I disorder. <i>Biological Psychiatry</i> , 2005 , 57, 711-5	7.9	30
194	Increased cortical expression of the zinc transporter SLC39A12 suggests a breakdown in zinc cellular homeostasis as part of the pathophysiology of schizophrenia. <i>NPJ Schizophrenia</i> , 2016 , 2, 16002	5.5	29
193	Plasma apolipoprotein E is decreased in schizophrenia spectrum and bipolar disorder. <i>Psychiatry Research</i> , 2008 , 158, 75-8	9.9	29
192	Decreased hippocampal (CA3) NMDA receptors in schizophrenia. <i>Synapse</i> , 1999 , 32, 67-9	2.4	29
191	The Cholinergic System: An Emerging Drug Target for Schizophrenia. <i>Current Pharmaceutical Design</i> , 2016 , 22, 2124-33	3.3	29
190	Changes in cortical N-methyl-D-aspartate receptors and post-synaptic density protein 95 in schizophrenia, mood disorders and suicide. <i>Australian and New Zealand Journal of Psychiatry</i> , 2016 , 50, 275-83	2.6	28
189	Possible involvement of post-dopamine D2 receptor signalling components in the pathophysiology of schizophrenia. <i>International Journal of Neuropsychopharmacology</i> , 2008 , 11, 197-205	5.8	28
188	High-resolution phosphor imaging: validation for use with human brain tissue sections to determine the affinity and density of radioligand binding. <i>Journal of Neuroscience Methods</i> , 2002 , 116, 157-63	3	28
187	Methylome-wide association findings for major depressive disorder overlap in blood and brain and replicate in independent brain samples. <i>Molecular Psychiatry</i> , 2020 , 25, 1344-1354	15.1	28
186	Lower [3H]LY341495 binding to mGlu2/3 receptors in the anterior cingulate of subjects with major depressive disorder but not bipolar disorder or schizophrenia. <i>Journal of Affective Disorders</i> , 2016 , 190, 241-248	6.6	27
185	AMPA receptor expression is increased post-mortem samples of the anterior cingulate from subjects with major depressive disorder. <i>Journal of Affective Disorders</i> , 2012 , 136, 1232-7	6.6	27
184	Differential age- and disease-related effects on the expression of genes related to the arachidonic acid signaling pathway in schizophrenia. <i>Psychiatry Research</i> , 2012 , 196, 201-6	9.9	27
183	Phospholipase C beta 1 expression in the dorsolateral prefrontal cortex from patients with schizophrenia at different stages of illness. <i>Australian and New Zealand Journal of Psychiatry</i> , 2011 , 45, 140-7	2.6	27
182	Cannabis-sensitive dopaminergic markers in postmortem central nervous system: changes in schizophrenia. <i>Biological Psychiatry</i> , 2003 , 53, 585-92	7.9	27
181	Expression of truncated presenilin 2 splice variant in Alzheimer's disease, bipolar disorder, and schizophrenia brain cortex. <i>Molecular Brain Research</i> , 2004 , 127, 128-35		27
180	Biomarker investigations related to pathophysiological pathways in schizophrenia and psychosis. <i>Frontiers in Cellular Neuroscience</i> , 2013 , 7, 95	6.1	26
179	The Role of Muscarinic Receptors in the Pathophysiology of Mood Disorders: A Potential Novel Treatment?. <i>Current Neuropharmacology</i> , 2015 , 13, 739-49	7.6	26
178	Evidence for impaired glucose metabolism in the striatum, obtained postmortem, from some subjects with schizophrenia. <i>Translational Psychiatry</i> , 2016 , 6, e949	8.6	25

177	Excess hydrogen sulfide and polysulfides production underlies a schizophrenia pathophysiology. <i>EMBO Molecular Medicine</i> , 2019 , 11, e10695	12	25
176	Glucuronidation, oxidative metabolism, and bioactivation of enterolactone in rhesus monkeys. <i>Archives of Biochemistry and Biophysics</i> , 2004 , 429, 244-51	4.1	25
175	Chromatography of serum on Sep-pak C18 corrects falsely elevated vitamin D metabolite levels measured by protein binding assay. <i>Clinica Chimica Acta</i> , 1988 , 176, 169-78	6.2	25
174	Is schizophrenia the price of human central nervous system complexity?. <i>Australian and New Zealand Journal of Psychiatry</i> , 2009 , 43, 13-24	2.6	24
173	A proposed pathological model in the hippocampus of subjects with schizophrenia. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2001 , 28, 70-3	3	24
172	Dopamine uptake by platelets is selective, temperature dependent and not influenced by the dopamine-D1 or dopamine-D2 receptor. <i>Life Sciences</i> , 1989 , 45, 401-11	6.8	24
171	Insulin resistance, acanthosis nigricans, and polycystic ovaries associated with a circulating inhibitor of postbinding insulin action. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1985 , 60, 1047-52	5.6	24
170	Serotonin 1a receptor and associated G-protein activation in schizophrenia and bipolar disorder. <i>Psychiatry Research</i> , 2006 , 143, 111-20	9.9	23
169	Hippocampal 5-hydroxytryptamine receptors: abnormalities in postmortem brain from schizophrenic subjects. <i>Schizophrenia Research</i> , 2004 , 71, 383-92	3.6	23
168	Potential clozapine target sites on peripheral hematopoietic cells and stromal cells of the bone marrow. <i>Pharmacogenomics Journal</i> , 2003 , 3, 227-34	3.5	23
167	Changed frontal pole gene expression suggest altered interplay between neurotransmitter, developmental, and inflammatory pathways in schizophrenia. <i>NPJ Schizophrenia</i> , 2018 , 4, 4	5.5	22
166	Decreased Neuregulin 1 C-terminal fragment in Brodmann's area 6 of patients with schizophrenia. <i>Schizophrenia Research</i> , 2010 , 124, 200-7	3.6	22
165	Evidence for altered post-receptor modulation of the serotonin 2a receptor in schizophrenia. <i>Schizophrenia Research</i> , 2008 , 104, 185-97	3.6	22
164	Nicotinamide-N-methyltransferase (NNMT) in schizophrenia: genetic association and decreased frontal cortex mRNA levels. <i>International Journal of Neuropsychopharmacology</i> , 2012 , 15, 727-37	5.8	21
163	Neurochemistry of schizophrenia: the contribution of neuroimaging postmortem pathology and neurochemistry in schizophrenia. <i>Current Topics in Medicinal Chemistry</i> , 2012 , 12, 2375-92	3	21
162	A predicted cortical serotonergic/cholinergic/GABAergic interface as a site of pathology in schizophrenia. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2001 , 28, 74-8	3	21
161	Understanding the pathology of schizophrenia: recent advances from the study of the molecular architecture of postmortem CNS tissue. <i>Postgraduate Medical Journal</i> , 2002 , 78, 142-8	2	21
160	Studies on dopaminergic and GABAergic markers in striatum reveals a decrease in the dopamine transporter in schizophrenia. <i>Schizophrenia Research</i> , 2001 , 52, 107-14	3.6	21

159	Cell Type-Specific Methylome-wide Association Studies Implicate Neurotrophin and Innate Immune Signaling in Major Depressive Disorder. <i>Biological Psychiatry</i> , 2020 , 87, 431-442	7.9	21
158	Mu opioid receptor availability in people with psychiatric disorders who died by suicide: a case control study. <i>BMC Psychiatry</i> , 2012 , 12, 126	4.2	20
157	Double-blind controlled trial of azathioprine in children with newly diagnosed type I diabetes. <i>Diabetes</i> , 1989 , 38, 779-783	0.9	20
156	Abnormal hippocampal distribution of TDP-43 in patients with-late onset psychosis. <i>Australian and New Zealand Journal of Psychiatry</i> , 2009 , 43, 739-45	2.6	19
155	Changes in BQCA Allosteric Modulation of [(3)H]NMS Binding to Human Cortex within Schizophrenia and by Divalent Cations. <i>Neuropsychopharmacology</i> , 2016 , 41, 1620-8	8.7	18
154	Fatty acid composition and fatty acid binding protein expression in the postmortem frontal cortex of patients with schizophrenia: A case-control study. <i>Schizophrenia Research</i> , 2016 , 171, 225-32	3.6	18
153	The neurobiology of APOE in schizophrenia and mood disorders. <i>Frontiers in Bioscience - Landmark</i> , 2011 , 16, 962-79	2.8	18
152	Regional and duration of illness differences in the alteration of NCAM-180 mRNA expression within the cortex of subjects with schizophrenia. <i>Schizophrenia Research</i> , 2009 , 112, 65-71	3.6	18
151	Dopamine uptake by platelets from subjects with schizophrenia: a correlation with the delusional state of the patient. <i>Psychiatry Research</i> , 1992 , 41, 17-24	9.9	18
150	Low levels of muscarinic M1 receptor-positive neurons in cortical layers III and V in Brodmann areas 9 and 17 from individuals with schizophrenia. <i>Journal of Psychiatry and Neuroscience</i> , 2018 , 43, 338-346	4.5	18
149	Treating schizophrenia: novel targets for the cholinergic system. <i>CNS and Neurological Disorders - Drug Targets</i> , 2010 , 9, 241-56	2.6	18
148	Muscarinic M1 receptor sequence: preliminary studies on its effects on cognition and expression. <i>Schizophrenia Research</i> , 2012 , 138, 94-8	3.6	17
147	Changes in hippocampal GABAA receptor subunit composition in bipolar 1 disorder. <i>Molecular Brain Research</i> , 2005 , 138, 145-55		17
146	Studies on serotonergic markers in the human hippocampus: changes in subjects with bipolar disorder. <i>Journal of Affective Disorders</i> , 2003 , 75, 65-9	6.6	17
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