

Peter R Dodd

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

115
papers

7,920
citations

37
h-index

88
g-index

119
ext. papers

8,609
ext. citations

5.4
avg, IF

5.3
L-index

#	Paper	IF	Citations
115	Sex differences in GABA receptor subunit transcript expression are mediated by genotype in subjects with alcohol-related cirrhosis of the liver.. <i>Genes, Brain and Behavior</i> , 2022 , e12785	3.6	
114	Role of Ionotropic Glutamate Receptors in Neurodegenerative and Other Disorders 2021 , 1-29		
113	Sex Differences in the Expression of the β Subunit of the GABA Receptor in Alcoholics with and without Cirrhosis of the Liver. <i>Alcoholism: Clinical and Experimental Research</i> , 2020 , 44, 423-434	3.7	3
112	Development of DNA aptamers targeting low-molecular-weight amyloid- β peptide aggregates in vitro. <i>Chemical Communications</i> , 2018 , 54, 4593-4596	5.8	23
111	Metabolic strategies for the degradation of the neuromodulator agmatine in mammals. <i>Metabolism: Clinical and Experimental</i> , 2018 , 81, 35-44	12.7	15
110	Nucleic Acid-Based Theranostics for Tackling Alzheimer's Disease. <i>Theranostics</i> , 2017 , 7, 3933-3947	12.1	15
109	Emerging roles for brain drug-metabolizing cytochrome P450 enzymes in neuropsychiatric conditions and responses to drugs. <i>Drug Metabolism Reviews</i> , 2016 , 48, 379-404	7	23
108	Gene expression profiling of cytochromes P450, ABC transporters and their principal transcription factors in the amygdala and prefrontal cortex of alcoholics, smokers and drug-free controls by qRT-PCR. <i>Xenobiotica</i> , 2015 , 45, 1129-37	2	13
107	New insights into Alzheimer's disease pathogenesis: the involvement of neuroligins in synaptic malfunction. <i>Neurodegenerative Disease Management</i> , 2015 , 5, 137-45	2.8	14
106	SWATH analysis of the synaptic proteome in Alzheimer's disease. <i>Neurochemistry International</i> , 2015 , 87, 1-12	4.4	39
105	Differential expression of β synuclein splice variants in the brain of alcohol misusers: Influence of genotype. <i>Drug and Alcohol Dependence</i> , 2015 , 155, 284-92	4.9	4
104	Role for the neurexin-neuroligin complex in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2014 , 35, 746-56	5.6	32
103	Targeted quantitative analysis of synaptic proteins in Alzheimer's disease brain. <i>Neurochemistry International</i> , 2014 , 75, 66-75	4.4	20
102	Cofilin rods and aggregates concur with tau pathology and the development of Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2014 , 42, 1443-60	4.3	34
101	Reduced expression of β synuclein in alcoholic brain: influence of SNCA-Rep1 genotype. <i>Addiction Biology</i> , 2014 , 19, 509-15	4.6	18
100	Role of Ionotropic Glutamate Receptors in Neurodegenerative and Other Disorders 2014 , 1039-1070		
99	Multiple reaction monitoring for the detection of disease-related synaptic proteins. <i>Neural Regeneration Research</i> , 2014 , 9, 2042-3	4.5	

98	The synaptic proteome in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2013 , 9, 499-511	1.2	33
97	Nucleic acid aptamers as novel class of therapeutics to mitigate Alzheimer's disease pathology. <i>Current Alzheimer Research</i> , 2013 , 10, 442-8	3	12
96	mGlu5 Receptor Functional Interactions and Addiction. <i>Frontiers in Pharmacology</i> , 2012 , 3, 84	5.6	15
95	Post-synaptic scaffolding protein interactions with glutamate receptors in synaptic dysfunction and Alzheimer's disease. <i>Progress in Neurobiology</i> , 2011 , 93, 509-21	10.9	37
94	Glutamate transporter variants reduce glutamate uptake in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2011 , 32, 553.e1-11	5.6	100
93	Differential expression of 14-3-3 isoforms in human alcoholic brain. <i>Alcoholism: Clinical and Experimental Research</i> , 2011 , 35, 1041-9	3.7	23
92	Up-regulation of microRNAs in brain of human alcoholics. <i>Alcoholism: Clinical and Experimental Research</i> , 2011 , 35, 1928-37	3.7	147
91	Electrically evoked synaptosomal amino acid transmitter release in human brain in alcohol misuse. <i>NeuroSignals</i> , 2011 , 19, 117-27	1.9	4
90	Exon-skipping splice variants of excitatory amino acid transporter-2 (EAAT2) form heteromeric complexes with full-length EAAT2. <i>Journal of Biological Chemistry</i> , 2010 , 285, 31313-24	5.4	22
89	Housekeepers for accurate transcript expression analysis in Alzheimer's disease autopsy brain tissue. <i>Alzheimer's and Dementia</i> , 2010 , 6, 465-74	1.2	25
88	Reduction in post-synaptic scaffolding PSD-95 and SAP-102 protein levels in the Alzheimer inferior temporal cortex is correlated with disease pathology. <i>Journal of Alzheimer's Disease</i> , 2010 , 21, 795-811	4.3	66
87	Association of polymorphisms in RGS4 and expression of RGS transcripts in the brains of human alcoholics. <i>Brain Research</i> , 2010 , 1340, 1-9	3.7	12
86	Sex differences in NMDA receptor expression in human alcoholics. <i>Alcohol and Alcoholism</i> , 2009 , 44, 594-601	3.9	12
85	Cortical NMDA receptor expression in human chronic alcoholism: influence of the TaqIA allele of ANKK1. <i>Neurochemical Research</i> , 2009 , 34, 1775-82	4.6	8
84	Synaptic proteome changes in the superior frontal gyrus and occipital cortex of the alcoholic brain. <i>Proteomics - Clinical Applications</i> , 2009 , 3, 730-742	3.1	26
83	Patterns of substance use in male incarcerated drug users in Sri Lanka. <i>Drug and Alcohol Review</i> , 2009 , 28, 600-7	3.2	9
82	Regional expression of dopamine D1 and D2 receptor proteins in the cerebral cortex of asphyxic newborn infants. <i>Journal of Child Neurology</i> , 2009 , 24, 183-93	2.5	7
81	Metabolic Abnormalities in Alzheimer Disease 2009 , 483-530		

80	Upregulation of beta-catenin levels in superior frontal cortex of chronic alcoholics. <i>Alcoholism: Clinical and Experimental Research</i> , 2008 , 32, 1080-90	3.7	13
79	Reduced expression of the inhibitory synapse scaffolding protein gephyrin in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2008 , 14, 313-21	4.3	31
78	The expression of NMDA receptor subunit mRNA in human chronic alcoholics. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1139, 10-9	6.5	31
77	Analysis of multiple exon-skipping mRNA splice variants using SYBR Green real-time RT-PCR. <i>Journal of Neuroscience Methods</i> , 2007 , 160, 294-301	3	17
76	Altered gene expression profiles in the frontal cortex of cirrhotic alcoholics. <i>Alcoholism: Clinical and Experimental Research</i> , 2007 , 31, 1460-6	3.7	55
75	Glutamate-glutamine cycling in Alzheimer's disease. <i>Neurochemistry International</i> , 2007 , 50, 1052-66	4.4	110
74	The interplay between genotype and gene expression in human brain 2007 , 3-22		
73	Patterns of gene expression in the frontal cortex discriminate alcoholic from nonalcoholic individuals. <i>Neuropsychopharmacology</i> , 2006 , 31, 1574-82	8.7	201
72	GABA(A) receptor beta isoform protein expression in human alcoholic brain: interaction with genotype. <i>Neurochemistry International</i> , 2006 , 49, 557-67	4.4	15
71	Selective loss of synaptic proteins in Alzheimer's disease: evidence for an increased severity with APOE varepsilon4. <i>Neurochemistry International</i> , 2006 , 49, 631-9	4.4	66
70	Genes and gene expression in the brains of human alcoholics. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1074, 104-15	6.5	10
69	Expression Profiling in Alcoholism Research. <i>Alcoholism: Clinical and Experimental Research</i> , 2005 , 29, 1066-1073	3.7	6
68	Alcoholic neurobiology: changes in dependence and recovery. <i>Alcoholism: Clinical and Experimental Research</i> , 2005 , 29, 1504-13	3.7	99
67	Glial glutamate transporter expression patterns in brains from multiple mammalian species. <i>Glia</i> , 2005 , 49, 520-41	9	96
66	Differential expression of the GABA transporters GAT-1 and GAT-3 in brains of rats, cats, monkeys and humans. <i>Cell and Tissue Research</i> , 2005 , 320, 379-92	4.2	35
65	The role of group I metabotropic glutamate receptors in neuronal excitotoxicity in Alzheimer's disease. <i>Neurotoxicity Research</i> , 2005 , 7, 125-41	4.3	27
64	The identification and characterization of excitotoxic nerve-endings in Alzheimer disease. <i>Current Alzheimer Research</i> , 2004 , 1, 11-25	3	29
63	Selective loss of NMDA receptor NR1 subunit isoforms in Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2004 , 89, 240-7	6	42

62	Differential expression of N-methyl-D-aspartate receptor NR2 isoforms in Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2004 , 90, 913-9	6	88
61	Gene expression profiling of individual cases reveals consistent transcriptional changes in alcoholic human brain. <i>Journal of Neurochemistry</i> , 2004 , 90, 1050-8	6	109
60	The application of proteomics to the human alcoholic brain. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1025, 14-26	6.5	55
59	Glutamate-mediated excitotoxicity and neurodegeneration in Alzheimer's disease. <i>Neurochemistry International</i> , 2004 , 45, 583-95	4.4	654
58	GABAA receptor beta subunit mRNA expression in the human alcoholic brain. <i>Neurochemistry International</i> , 2004 , 45, 1011-20	4.4	11
57	Genes and gene expression in the brain of the alcoholic. <i>Addictive Behaviors</i> , 2004 , 29, 1295-309	4.2	19
56	Biochemical and molecular studies using human autopsy brain tissue. <i>Journal of Neurochemistry</i> , 2003 , 85, 543-62	6	202
55	Methods for the identification of differentially expressed genes in human post-mortem brain. <i>Methods</i> , 2003 , 31, 301-5	4.6	6
54	Quantitation of human brain GABAA receptor beta isoforms by competitive RT-PCR. <i>Brain Research Protocols</i> , 2003 , 11, 19-26		3
53	Quantitation of alternatively spliced NMDA receptor NR1 isoform mRNA transcripts in human brain by competitive RT-PCR. <i>Brain Research Protocols</i> , 2003 , 11, 52-66		9
52	Quantitation of NMDA receptor NR2 mRNA transcripts in human brain by competitive RT-PCR. <i>Brain Research Protocols</i> , 2003 , 11, 67-79		6
51	Localization of a brain sulfotransferase, SULF4A1, in the human and rat brain: an immunohistochemical study. <i>Journal of Histochemistry and Cytochemistry</i> , 2003 , 51, 1655-64	3.4	50
50	Aberrant expression of the glutamate transporter excitatory amino acid transporter 1 (EAAT1) in Alzheimer's disease. <i>Journal of Neuroscience</i> , 2002 , 22, RC206	6.6	87
49	GABA(A) receptor sites in the developing human foetus. <i>Developmental Brain Research</i> , 2002 , 139, 107-19		3
48	Patterns of gene expression are altered in the frontal and motor cortices of human alcoholics. <i>Journal of Neurochemistry</i> , 2002 , 81, 802-13	6	265
47	Spermine modulation of the glutamate(NMDA) receptor is differentially responsive to conantokins in normal and Alzheimer's disease human cerebral cortex. <i>Journal of Neurochemistry</i> , 2002 , 81, 765-79	6	21
46	Excited to death: different ways to lose your neurones. <i>Biogerontology</i> , 2002 , 3, 51-6	4.5	34
45	Application of DNA microarrays to study human alcoholism. <i>Journal of Biomedical Science</i> , 2001 , 8, 28-36	3.3	49

44	Molecular cloning and characterization of hNP22: a gene up-regulated in human alcoholic brain. <i>Journal of Neurochemistry</i> , 2001 , 76, 1275-81	6	31
43	Glutamate(NMDA) receptor NR1 subunit mRNA expression in Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2001 , 78, 175-82	6	39
42	GABA(A) receptor alpha-subunit proteins in human chronic alcoholics. <i>Journal of Neurochemistry</i> , 2001 , 78, 424-34	6	23
41	Application of DNA microarrays to study human alcoholism 2001 , 8, 28		6
40	Gene Expression in Human Alcoholism: Microarray Analysis of Frontal Cortex. <i>Alcoholism: Clinical and Experimental Research</i> , 2000 , 24, 1873-1882	3.7	307
39	Expression and distribution of GABAA receptor subtypes in human alcoholic cerebral cortex. <i>Annals of the New York Academy of Sciences</i> , 2000 , 914, 58-64	6.5	8
38	Glutamate-mediated transmission, alcohol, and alcoholism. <i>Neurochemistry International</i> , 2000 , 37, 509-334	3.4	154
37	Gene Expression in Human Alcoholism: Microarray Analysis of Frontal Cortex 2000 , 24, 1873		7
36	Increased Expression of Mitochondrial Genes in Human Alcoholic Brain Revealed by Differential Display. <i>Alcoholism: Clinical and Experimental Research</i> , 1999 , 23, 408-413	3.7	27
35	The modulatory effect of spermine on the glutamate-NMDA receptor is regionally variable in normal human adult cerebral cortex. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1999 , 84, 135-42		9
34	Structure-activity studies of conantokins as human N-methyl-D-aspartate receptor modulators. <i>Journal of Medicinal Chemistry</i> , 1999 , 42, 415-26	8.3	33
33	Association of missense and 5' splice-site mutations in tau with the inherited dementia FTDP-17. <i>Nature</i> , 1998 , 393, 702-5	50.4	2903
32	Expression of GABA(A) receptor isoform genes in the cerebral cortex of cirrhotic and alcoholic cases assessed by S1 nuclease protection assays. <i>Neurochemistry International</i> , 1998 , 32, 375-85	4.4	12
31	Regional development of glutamate-N-methyl-D-aspartate receptor sites in asphyxiated newborn infants. <i>Journal of Child Neurology</i> , 1998 , 13, 149-57	2.5	5
30	Zolpidem binding sites on the GABA(A) receptor in brain from human cirrhotic and non-cirrhotic alcoholics. <i>European Journal of Pharmacology</i> , 1997 , 326, 265-72	5.3	15
29	A method for the quantitation of the alpha 1, alpha 2, and alpha 3 isoforms of the GABAA receptor in human brain using competitive PCR. <i>Brain Research Protocols</i> , 1997 , 1, 347-56		11
28	Expression of the alpha 1, alpha 2 and alpha 3 isoforms of the GABAA receptor in human alcoholic brain. <i>Brain Research</i> , 1997 , 751, 102-12	3.7	65
27	Concentrations of transferrin and carbohydrate-deficient transferrin in postmortem human brain from alcoholics. <i>Addiction Biology</i> , 1997 , 2, 337-48	4.6	4

26	Alcohol, alcoholic brain damage, and GABAA receptor isoform gene expression. <i>Neurochemistry International</i> , 1996 , 29, 677-84	4.4	21
25	The neurochemical pathology of thiamine deficiency: GABAA and glutamateNMDA receptor binding sites in a goat model. <i>Metabolic Brain Disease</i> , 1996 , 11, 39-54	3.9	5
24	Receptor binding sites and uptake activities mediating GABA neurotransmission in chronic alcoholics with Wernicke encephalopathy. <i>Brain Research</i> , 1996 , 710, 215-28	3.7	21
23	Variant forms of neuronal glutamate transporter sites in Alzheimer's disease cerebral cortex. <i>Journal of Neurochemistry</i> , 1995 , 64, 2193-202	6	52
22	Benzodiazepine binding sites in alcoholic cirrhotics: evidence for gender differences. <i>Metabolic Brain Disease</i> , 1995 , 10, 93-104	3.9	9
21	The nature of d,l-fenfluramine-induced 5-HT reuptake transporter loss in rats. <i>Molecular Neurobiology</i> , 1995 , 11, 165-75	6.2	9
20	Developmental rearrangements of cortical glutamate-NMDA receptor binding sites in late human gestation. <i>Developmental Brain Research</i> , 1995 , 88, 178-85		14
19	Characterization of non-conventional opioid binding sites in rat and human lung. <i>European Journal of Pharmacology</i> , 1994 , 268, 247-55		45
18	Pharmacology of morphine and morphine-3-glucuronide at opioid, excitatory amino acid, GABA and glycine binding sites. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1994 , 75, 73-81		57
17	Excitotoxic mechanisms in the pathogenesis of dementia. <i>Neurochemistry International</i> , 1994 , 25, 203-19	4.4	52
16	Brain extracts containing a Huntington disease antigen inhibit [3H]kainate binding and block synaptosomal amino acid transport. <i>Neurochemistry International</i> , 1993 , 23, 131-8	4.4	2
15	Transmitter amino acid neurochemistry in chronic alcoholism with and without cirrhosis of the liver. <i>Drug and Alcohol Review</i> , 1993 , 12, 91-7	3.2	8
14	New evidence for a loss of serotonergic nerve terminals in rats treated with d,l-fenfluramine. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1993 , 72, 249-55		6
13	Amino acid neurotransmitter receptor changes in cerebral cortex in alcoholism: effect of cirrhosis of the liver. <i>Journal of Neurochemistry</i> , 1992 , 59, 1506-15	6	59
12	Glutamate and gamma-aminobutyric acid neurotransmitter systems in the acute phase of maple syrup urine disease and citrullinemia encephalopathies in newborn calves. <i>Journal of Neurochemistry</i> , 1992 , 59, 582-90	6	57
11	The interaction of a Huntington disease factor with receptors for the neurotoxin kainic acid. <i>Metabolic Brain Disease</i> , 1991 , 6, 213-24	3.9	1
10	Alterations in cortical [3H]kainate and alpha-[3H]amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid binding in a spontaneous canine model of chronic hepatic encephalopathy. <i>Journal of Neurochemistry</i> , 1991 , 56, 1881-8	6	46
9	Increased gamma-aminobutyric acid receptor function in the cerebral cortex of myoclonic calves with an hereditary deficit in glycine/strychnine receptors. <i>Journal of Neurochemistry</i> , 1990 , 55, 421-6	6	15

8	Plasma GABA-like activity in rats with hepatic encephalopathy is due to GABA and taurine. <i>Hepatology</i> , 1990 , 11, 105-10	11.2	12
7	Neurochemical studies on quinolone antibiotics: effects on glutamate, GABA and adenosine systems in mammalian CNS. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1989 , 64, 404-11		38
6	Cortical dihydropyridine binding sites are unaltered in human alcoholic brain. <i>Annals of Neurology</i> , 1989 , 26, 395-7	9.4	18
5	A comparison of methodologies for the study of functional transmitter neurochemistry in human brain. <i>Journal of Neurochemistry</i> , 1988 , 50, 1333-45	6	77
4	Plasma GABA, GABA-like activity and the brain GABA-benzodiazepine receptor complex in rats with chronic hepatic encephalopathy. <i>Hepatology</i> , 1987 , 7, 621-8	11.2	79
3	Intralaminar neurochemical distributions in human midtemporal cortex: comparison between Alzheimer's disease and the normal. <i>Journal of Neurochemistry</i> , 1984 , 42, 1402-10	6	87
2	Metabolically active synaptosomes can be prepared from frozen rat and human brain. <i>Journal of Neurochemistry</i> , 1983 , 40, 608-14	6	84
1	Use of post-mortem human synaptosomes for studies of metabolism and transmitter amino acid release. <i>Neuroscience Letters</i> , 1982 , 33, 317-22	3.3	22