

# Jane H Christensen

## List of Publications by Citations

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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.

98  
papers

5,893  
citations

31  
h-index

76  
g-index

103  
ext. papers

8,776  
ext. citations

8.1  
avg, IF

5.03  
L-index

#	Paper	IF	Citations
98	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. <i>Nature Genetics</i> , <b>2018</b> , 50, 668-681	36.3	1301
97	Identification of common genetic risk variants for autism spectrum disorder. <i>Nature Genetics</i> , <b>2019</b> , 51, 431-444	36.3	746
96	Genome-wide meta-analysis of depression identifies 102 independent variants and highlights the importance of the prefrontal brain regions. <i>Nature Neuroscience</i> , <b>2019</b> , 22, 343-352	25.5	639
95	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. <i>Cell</i> , <b>2019</b> , 179, 1469-1482.e11	56.2	402
94	Genetic identification of brain cell types underlying schizophrenia. <i>Nature Genetics</i> , <b>2018</b> , 50, 825-833	36.3	295
93	Protein misfolding and human disease. <i>Annual Review of Genomics and Human Genetics</i> , <b>2006</b> , 7, 103-24	9.7	220
92	Assessment of Bidirectional Relationships Between Physical Activity and Depression Among Adults: A 2-Sample Mendelian Randomization Study. <i>JAMA Psychiatry</i> , <b>2019</b> , 76, 399-408	14.5	165
91	Characterization of glycoprotein PAS-6/7 from membranes of bovine milk fat globules. <i>FEBS Journal</i> , <b>1996</b> , 240, 628-36		117
90	A direct test of the diathesis-stress model for depression. <i>Molecular Psychiatry</i> , <b>2018</b> , 23, 1590-1596	15.1	114
89	Genetic Association of Major Depression With Atypical Features and Obesity-Related Immunometabolic Dysregulations. <i>JAMA Psychiatry</i> , <b>2017</b> , 74, 1214-1225	14.5	109
88	Experimental validation of methods for differential gene expression analysis and sample pooling in RNA-seq. <i>BMC Genomics</i> , <b>2015</b> , 16, 548	4.5	106
87	GWAS of Suicide Attempt in Psychiatric Disorders and Association With Major Depression Polygenic Risk Scores. <i>American Journal of Psychiatry</i> , <b>2019</b> , 176, 651-660	11.9	103
86	Inactivation of the hereditary spastic paraplegia-associated Hspd1 gene encoding the Hsp60 chaperone results in early embryonic lethality in mice. <i>Cell Stress and Chaperones</i> , <b>2010</b> , 15, 851-63	4	70
85	Familial neurohypophyseal diabetes insipidus--an update. <i>Seminars in Nephrology</i> , <b>2006</b> , 26, 209-23	4.8	70
84	Leptin regulation of Hsp60 impacts hypothalamic insulin signaling. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 4667-80	15.9	70
83	Decreased expression of the mitochondrial matrix proteases Lon and ClpP in cells from a patient with hereditary spastic paraplegia (SPG13). <i>Neuroscience</i> , <b>2008</b> , 153, 474-82	3.9	69
82	The Hsp60-(p.V98I) mutation associated with hereditary spastic paraplegia SPG13 compromises chaperonin function both in vitro and in vivo. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 15694-700	5.4	69

81	Genome-wide association study implicates CHRNA2 in cannabis use disorder. <i>Nature Neuroscience</i> , <b>2019</b> , 22, 1066-1074	25.5	60
80	The Genetics of the Mood Disorder Spectrum: Genome-wide Association Analyses of More Than 185,000 Cases and 439,000 Controls. <i>Biological Psychiatry</i> , <b>2020</b> , 88, 169-184	7.9	57
79	Does Childhood Trauma Moderate Polygenic Risk for Depression? A Meta-analysis of 5765 Subjects From the Psychiatric Genomics Consortium. <i>Biological Psychiatry</i> , <b>2018</b> , 84, 138-147	7.9	48
78	Genome-wide gene-environment analyses of major depressive disorder and reported lifetime traumatic experiences in UK Biobank. <i>Molecular Psychiatry</i> , <b>2020</b> , 25, 1430-1446	15.1	47
77	A novel mutation in the HSPD1 gene in a patient with hereditary spastic paraplegia. <i>Journal of Neurology</i> , <b>2007</b> , 254, 897-900	5.5	44
76	The Hsp60 folding machinery is crucial for manganese superoxide dismutase folding and function. <i>Free Radical Research</i> , <b>2014</b> , 48, 168-79	4	43
75	Differential cellular handling of defective arginine vasopressin (AVP) prohormones in cells expressing mutations of the AVP gene associated with autosomal dominant and recessive familial neurohypophyseal diabetes insipidus. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 4521-31	5.6	42
74	An Exposure-Wide and Mendelian Randomization Approach to Identifying Modifiable Factors for the Prevention of Depression. <i>American Journal of Psychiatry</i> , <b>2020</b> , 177, 944-954	11.9	40
73	Six novel mutations in the arginine vasopressin gene in 15 kindreds with autosomal dominant familial neurohypophyseal diabetes insipidus give further insight into the pathogenesis. <i>European Journal of Human Genetics</i> , <b>2004</b> , 12, 44-51	5.3	38
72	A gene co-expression network-based analysis of multiple brain tissues reveals novel genes and molecular pathways underlying major depression. <i>PLoS Genetics</i> , <b>2019</b> , 15, e1008245	6	36
71	Late onset motoneuron disorder caused by mitochondrial Hsp60 chaperone deficiency in mice. <i>Neurobiology of Disease</i> , <b>2013</b> , 54, 12-23	7.5	36
70	Evidence of causal effect of major depression on alcohol dependence: findings from the psychiatric genomics consortium. <i>Psychological Medicine</i> , <b>2019</b> , 49, 1218-1226	6.9	33
69	Mitochondrial proteomics on human fibroblasts for identification of metabolic imbalance and cellular stress. <i>Proteome Science</i> , <b>2009</b> , 7, 20	2.6	33
68	Partial nephrogenic diabetes insipidus caused by a novel mutation in the AVPR2 gene. <i>Clinical Endocrinology</i> , <b>2008</b> , 68, 395-403	3.4	33
67	Impaired trafficking of mutated AVP prohormone in cells expressing rare disease genes causing autosomal dominant familial neurohypophyseal diabetes insipidus. <i>Clinical Endocrinology</i> , <b>2004</b> , 60, 125-34	3.4	29
66	Expression of three different mutations in the arginine vasopressin gene suggests genotype-phenotype correlation in familial neurohypophyseal diabetes insipidus kindreds. <i>Clinical Endocrinology</i> , <b>2005</b> , 63, 207-16	3.4	29
65	Genetic risk of major depressive disorder: the moderating and mediating effects of neuroticism and psychological resilience on clinical and self-reported depression. <i>Psychological Medicine</i> , <b>2018</b> , 48, 1890-1899	6.9	25
64	Voluntary Physical Exercise Induces Expression and Epigenetic Remodeling of VegfA in the Rat Hippocampus. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 567-582	6.2	24

63	Identification of the BRD1 interaction network and its impact on mental disorder risk. <i>Genome Medicine</i> , <b>2016</b> , 8, 53	14.4	23
62	Conditional GWAS analysis to identify disorder-specific SNPs for psychiatric disorders. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 2070-2081	15.1	19
61	Association of polygenic score for major depression with response to lithium in patients with bipolar disorder. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 2457-2470	15.1	17
60	A novel deletion partly removing the AVP gene causes autosomal recessive inheritance of early-onset neurohypophyseal diabetes insipidus. <i>Clinical Genetics</i> , <b>2013</b> , 83, 44-52	4	17
59	The Schizophrenia and Bipolar Disorder associated BRD1 gene is regulated upon chronic restraint stress. <i>European Neuropsychopharmacology</i> , <b>2012</b> , 22, 651-6	1.2	17
58	A Comparison of Ten Polygenic Score Methods for Psychiatric Disorders Applied Across Multiple Cohorts. <i>Biological Psychiatry</i> , <b>2021</b> , 90, 611-620	7.9	17
57	Genetic stratification of depression by neuroticism: revisiting a diagnostic tradition. <i>Psychological Medicine</i> , <b>2020</b> , 50, 2526-2535	6.9	17
56	Bipolar multiplex families have an increased burden of common risk variants for psychiatric disorders. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 1286-1298	15.1	17
55	Diverse vasopressin V2 receptor functionality underlying partial congenital nephrogenic diabetes insipidus. <i>American Journal of Physiology - Renal Physiology</i> , <b>2009</b> , 297, F1518-25	4.3	16
54	Cannabis use, depression and self-harm: phenotypic and genetic relationships. <i>Addiction</i> , <b>2020</b> , 115, 482-492	4.02	16
53	Electroconvulsive seizures regulates the Brd1 gene in the frontal cortex and hippocampus of the adult rat. <i>Neuroscience Letters</i> , <b>2012</b> , 516, 110-3	3.3	15
52	Skewed X-chromosome inactivation causing diagnostic misinterpretation in congenital nephrogenic diabetes insipidus. <i>Scandinavian Journal of Urology and Nephrology</i> , <b>2010</b> , 44, 324-30		15
51	Genetic Associations Between Childhood Psychopathology and Adult Depression and Associated Traits in 42 998 Individuals: A Meta-analysis. <i>JAMA Psychiatry</i> , <b>2020</b> , 77, 715-728	14.5	15
50	Analysis of t(9;17)(q33.2;q25.3) chromosomal breakpoint regions and genetic association reveals novel candidate genes for bipolar disorder. <i>Bipolar Disorders</i> , <b>2015</b> , 17, 205-11	3.8	13
49	Shared genetic etiology between alcohol dependence and major depressive disorder. <i>Psychiatric Genetics</i> , <b>2018</b> , 28, 66-70	2.9	13
48	Partial nephrogenic diabetes insipidus caused by a novel AQP2 variation impairing trafficking of the aquaporin-2 water channel. <i>BMC Nephrology</i> , <b>2015</b> , 16, 217	2.7	13
47	DNA Methylation Analysis of BRD1 Promoter Regions and the Schizophrenia rs138880 Risk Allele. <i>PLoS ONE</i> , <b>2017</b> , 12, e0170121	3.7	13
46	The Novel Ser18del AVP Variant Causes Inherited Neurohypophyseal Diabetes Insipidus by Mechanisms Shared with Other Signal Peptide Variants. <i>Neuroendocrinology</i> , <b>2018</b> , 106, 167-186	5.6	12

45	The Schizophrenia-Associated BRD1 Gene Regulates Behavior, Neurotransmission, and Expression of Schizophrenia Risk Enriched Gene Sets in Mice. <i>Biological Psychiatry</i> , <b>2017</b> , 82, 62-76	7.9	12
44	Association of Whole-Genome and NETRIN1 Signaling Pathway-Derived Polygenic Risk Scores for Major Depressive Disorder and White Matter Microstructure in the UK Biobank. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , <b>2019</b> , 4, 91-100	3.4	12
43	Quantitative assessment of methyl-esterification and other side reactions in a standard propionylation protocol for detection of histone modifications. <i>Proteomics</i> , <b>2016</b> , 16, 2059-63	4.8	11
42	Homozygosity for a mutation in the CYP11B2 gene in an infant with congenital corticosterone methyl oxidase deficiency type II. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>2012</b> , 101, e519-23 <sup>1</sup>	3.1	11
41	Sex-Dependent Shared and Nonshared Genetic Architecture Across Mood and Psychotic Disorders. <i>Biological Psychiatry</i> , <b>2022</b> , 91, 102-117	7.9	11
40	Prospective study of polygenic risk, protective factors, and incident depression following combat deployment in US Army soldiers. <i>Psychological Medicine</i> , <b>2020</b> , 50, 737-745	6.9	11
39	Mice heterozygous for an inactivated allele of the schizophrenia associated Brd1 gene display selective cognitive deficits with translational relevance to schizophrenia. <i>Neurobiology of Learning and Memory</i> , <b>2017</b> , 141, 44-52	3.1	10
38	A novel variation in the AVP gene resulting in familial neurohypophyseal diabetes insipidus in a large Italian kindred. <i>Pituitary</i> , <b>2013</b> , 16, 152-7	4.3	10
37	The gene encoding the melanin-concentrating hormone receptor 1 is associated with schizophrenia in a Danish case-control sample. <i>Psychiatric Genetics</i> , <b>2012</b> , 22, 62-9	2.9	10
36	The Effects of Voluntary Physical Exercise-Activated Neurotrophic Signaling in Rat Hippocampus on mRNA Levels of Downstream Signaling Molecules. <i>Journal of Molecular Neuroscience</i> , <b>2017</b> , 62, 142-153	3.3	9
35	Investigating the causal relationship between neuroticism and depression via Mendelian randomization. <i>Acta Psychiatrica Scandinavica</i> , <b>2019</b> , 139, 395-397	6.5	9
34	Novel and recurrent variants in AVPR2 in 19 families with X-linked congenital nephrogenic diabetes insipidus. <i>European Journal of Pediatrics</i> , <b>2018</b> , 177, 1399-1405	4.1	9
33	Response to therapeutic sleep deprivation: a naturalistic study of clinical and genetic factors and post-treatment depressive symptom trajectory. <i>Neuropsychopharmacology</i> , <b>2018</b> , 43, 2572-2577	8.7	9
32	Classical Human Leukocyte Antigen Alleles and C4 Haplotypes Are Not Significantly Associated With Depression. <i>Biological Psychiatry</i> , <b>2020</b> , 87, 419-430	7.9	9
31	Genome-wide association study of depressive symptoms in the Hispanic Community Health Study/Study of Latinos. <i>Journal of Psychiatric Research</i> , <b>2018</b> , 99, 167-176	5.2	9
30	Brain proteome changes in female Brd1 mice unmask dendritic spine pathology and show enrichment for schizophrenia risk. <i>Neurobiology of Disease</i> , <b>2019</b> , 124, 479-488	7.5	8
29	Late-onset familial neurohypophyseal diabetes insipidus due to a novel mutation in the AVP gene. <i>Clinical Endocrinology</i> , <b>2012</b> , 77, 586-92	3.4	7
28	Identification of genetic loci associated with nocturnal enuresis: a genome-wide association study. <i>The Lancet Child and Adolescent Health</i> , <b>2021</b> , 5, 201-209	14.5	7

27	Brain volumetric alterations accompanied with loss of striatal medium-sized spiny neurons and cortical parvalbumin expressing interneurons in Brd1 mice. <i>Scientific Reports</i> , <b>2018</b> , 8, 16486	4.9	7
26	The Genetic Architecture of Depression in Individuals of East Asian Ancestry: A Genome-Wide Association Study. <i>JAMA Psychiatry</i> , <b>2021</b> , 78, 1258-1269	14.5	7
25	Novel Variant in a Patient with Congenital Nephrogenic Diabetes Insipidus. <i>Case Reports in Nephrology and Dialysis</i> , <b>2017</b> , 7, 130-137	1.3	6
24	The importance of data structure in statistical analysis of dendritic spine morphology. <i>Journal of Neuroscience Methods</i> , <b>2018</b> , 296, 93-98	3	6
23	Genome-wide interaction study of a proxy for stress-sensitivity and its prediction of major depressive disorder. <i>PLoS ONE</i> , <b>2018</b> , 13, e0209160	3.7	6
22	Urine and kidney cytokine profiles in experimental unilateral acute and chronic hydronephrosis. <i>Scandinavian Journal of Urology and Nephrology</i> , <b>2012</b> , 46, 91-6		5
21	Eight novel variants in the gene in pulmonary alveolar microlithiasis. <i>European Respiratory Journal</i> , <b>2020</b> , 55,	13.6	4
20	Identifying the Common Genetic Basis of Antidepressant Response. <i>Biological Psychiatry Global Open Science</i> , <b>2021</b> ,		4
19	Autosomal dominant familial neurohypophyseal diabetes insipidus. <i>Acta Pathologica Microbiologica Et Immunologica Scandinavica - Supplementum</i> , <b>2003</b> , 92-5		4
18	A novel variant in the SLC12A1 gene in two families with antenatal Bartter syndrome. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>2017</b> , 106, 161-167	3.1	3
17	Reduced Brd1 expression leads to reversible depression-like behaviors and gene-expression changes in female mice. <i>Translational Psychiatry</i> , <b>2020</b> , 10, 239	8.6	3
16	Induced pluripotent stem cells derived from a patient with autosomal dominant familial neurohypophyseal diabetes insipidus caused by a variant in the AVP gene. <i>Stem Cell Research</i> , <b>2017</b> , 19, 37-42	1.6	2
15	The effect of hypoxia on ZEB1 expression in a mimetic system of the blood-brain barrier. <i>Microvascular Research</i> , <b>2019</b> , 122, 131-135	3.7	2
14	3. Deficiencies of Vasopressin and Thirst. <i>Translational Endocrinology &amp; Metabolism</i> , <b>2012</b> , 57-94		2
13	Genetic susceptibility for major depressive disorder associates with trajectories of depressive symptoms across childhood and adolescence. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , <b>2021</b> , 62, 895-904	7.9	2
12	Examining sex differences in neurodevelopmental and psychiatric genetic risk in anxiety and depression. <i>PLoS ONE</i> , <b>2021</b> , 16, e0248254	3.7	2
11	Modeling the cooperativity of schizophrenia risk genes. <i>Nature Genetics</i> , <b>2019</b> , 51, 1434-1436	36.3	1
10	Determination of the renal concentration capacity following intravenous administration of dDAVP in healthy humans. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , <b>2018</b> , 78, 114-119	2	1

9	The neurobiology of BRD1 implicates sex-biased dysregulation of nuclear receptor signaling in mental disorders		1
8	Inactivation of the Schizophrenia-associated BRD1 gene in Brain Causes Failure-to-thrive, Seizure Susceptibility and Abnormal Histone H3 Acetylation and N-tail Clipping. <i>Molecular Neurobiology</i> , <b>2021</b> , 58, 4495-4505	6.2	1
7	Transcriptome-based polygenic score links depression-related corticolimbic gene expression changes to sex-specific brain morphology and depression risk. <i>Neuropsychopharmacology</i> , <b>2021</b> , 46, 2304-2311 <sup>1</sup>	8.7	1
6	A Partial Phenotype of adFNDI Related to the Signal Peptide c.55G>A Variant of the AVP Gene. <i>Endocrines</i> , <b>2021</b> , 2, 37-43	0.8	0
5	Multiplex Analysis of Cardiac Hypertrophic Signaling: Reduced in vivo Phosphorylation of Glycogen Synthase Kinase-3&#946; and Proline-Rich Akt Substrate (PRAS40). <i>Current Signal Transduction Therapy</i> , <b>2011</b> , 6, 65-70	0.8	
4	CHARACTERIZATION OF MUTANT V2 RECEPTORS ASSOCIATED WITH PARTIAL CONGENITAL NEPHROGENIC DIABETES INSIPIDUS. <i>FASEB Journal</i> , <b>2008</b> , 22, 748.3	0.9	
3	The association between genetically determined ABO blood types and major depressive disorder. <i>Psychiatry Research</i> , <b>2021</b> , 299, 113837	9.9	
2	Novel Variant of Giving Rise to X-Linked Congenital Nephrogenic Diabetes Insipidus in a 7-Month-Old Danish Boy. <i>Case Reports in Nephrology and Dialysis</i> , <b>2020</b> , 10, 124-129	1.3	
1	A Novel Synonymous Variant in the AVP Gene Associated with Autosomal Dominant Familial Neurohypophyseal Diabetes Insipidus Causes Partial RNA Missplicing. <i>Neuroendocrinology</i> , <b>2018</b> , 107, 167-180	5.6	