Jane H Christensen

List of Publications by Year
in descending order

97 papers	10,960 citations	109264 35 h-index	42364 92 g-index
103 all docs	103 docs citations	103 times ranked	14580 citing authors

#	Article	IF	Citations
1	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. Nature Genetics, 2018, 50, 668-681.	9.4	2,224
2	Genome-wide meta-analysis of depression identifies 102 independent variants and highlights the importance of the prefrontal brain regions. Nature Neuroscience, 2019, 22, 343-352.	7.1	1,589
3	Identification of common genetic risk variants for autism spectrum disorder. Nature Genetics, 2019, 51, 431-444.	9.4	1,538
4	Genomic Relationships, Novel Loci, and Pleiotropic Mechanisms across Eight Psychiatric Disorders. Cell, 2019, 179, 1469-1482.e11.	13.5	935
5	Genetic identification of brain cell types underlying schizophrenia. Nature Genetics, 2018, 50, 825-833.	9.4	497
6	Assessment of Bidirectional Relationships Between Physical Activity and Depression Among Adults. JAMA Psychiatry, 2019, 76, 399.	6.0	399
7	Protein Misfolding and Human Disease. Annual Review of Genomics and Human Genetics, 2006, 7, 103-124.	2.5	258
8	A direct test of the diathesisâ€“stress model for depression. Molecular Psychiatry, 2018, 23, 1590-1596.	4.1	187
9	GWAS of Suicide Attempt in Psychiatric Disorders and Association With Major Depression Polygenic Risk Scores. American Journal of Psychiatry, 2019, 176, 651-660.	4.0	186
10	Genetic Association of Major Depression With Atypical Features and Obesity-Related Immunometabolic Dysregulations. JAMA Psychiatry, 2017, 74, 1214.	6.0	174
11	Experimental validation of methods for differential gene expression analysis and sample pooling in RNA-seq. BMC Genomics, 2015, 16, 548.	1.2	139
12	The Genetics of the Mood Disorder Spectrum: Genome-wide Association Analyses of More Than 185,000 Cases and 439,000 Controls. Biological Psychiatry, 2020, 88, 169-184.	0.7	137
13	Characterization of Glycoprotein PAS-6/7 from Membranes of Bovine Milk Fat Globules. FEBS Journal, 1996, 240, 628-636.	0.2	129
14	An Exposure-Wide and Mendelian Randomization Approach to Identifying Modifiable Factors for the Prevention of Depression. American Journal of Psychiatry, 2020, 177, 944-954.	4.0	119
15	Genome-wide gene-environment analyses of major depressive disorder and reported lifetime traumatic experiences in UK Biobank. Molecular Psychiatry, 2020, 25, 1430-1446.	4.1	116
16	A Comparison of Ten Polygenic Score Methods for Psychiatric Disorders Applied Across Multiple Cohorts. Biological Psychiatry, 2021, 90, 611-620.	0.7	103
17	Leptin regulation of Hsp60 impacts hypothalamic insulin signaling. Journal of Clinical Investigation, 2013, 123, 4667-4680.	3.9	101
18	Genome-wide association study implicates CHRNA2 in cannabis use disorder. Nature Neuroscience, 2019, 22, 1066-1074.	7.1	94

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19	The Genetic Architecture of Depression in Individuals of East Asian Ancestry. JAMA Psychiatry, 2021, 78, 1258.	6.0	88
20	Does Childhood Trauma Moderate Polygenic Risk for Depression? A Meta-analysis of 5765 Subjects From the Psychiatric Genomics Consortium. Biological Psychiatry, 2018, 84, 138-147.	0.7	87
21	Familial Neurohypophyseal Diabetes Insipidusâ€"An Update. Seminars in Nephrology, 2006, 26, 209-223.	0.6	85
22	Inactivation of the hereditary spastic paraplegia-associated Hspd1 gene encoding the Hsp60 chaperone results in early embryonic lethality in mice. Cell Stress and Chaperones, 2010, 15, 851-863.	1.2	83
23	The Hsp60-(p.V98I) Mutation Associated with Hereditary Spastic Paraplegia SPG13 Compromises Chaperonin Function Both in Vitro and in Vivo. Journal of Biological Chemistry, 2008, 283, 15694-15700.	1.6	80
24	Decreased expression of the mitochondrial matrix proteases Lon and ClpP in cells from a patient with hereditary spastic paraplegia (SPG13). Neuroscience, 2008, 153, 474-482.	1.1	74
25	A gene co-expression network-based analysis of multiple brain tissues reveals novel genes and molecular pathways underlying major depression. PLoS Genetics, 2019, 15, e1008245.	1.5	74
26	Evidence of causal effect of major depression on alcohol dependence: findings from the psychiatric genomics consortium. Psychological Medicine, 2019, 49, 1218-1226.	2.7	74
27	Sex-Dependent Shared and Nonshared Genetic Architecture Across Mood and Psychotic Disorders. Biological Psychiatry, 2022, 91, 102-117.	0.7	61
28	Genetic Associations Between Childhood Psychopathology and Adult Depression and Associated Traits in 42â€¯998 Individuals. JAMA Psychiatry, 2020, 77, 715.	6.0	56
29	A novel mutation in the HSPD1 gene in a patient with hereditary spastic paraplegia. Journal of Neurology, 2007, 254, 897-900.	1.8	51
30	The Hsp60 folding machinery is crucial for manganese superoxide dismutase folding and function. Free Radical Research, 2014, 48, 168-179.	1.5	50
31	Conditional GWAS analysis to identify disorder-specific SNPs for psychiatric disorders. Molecular Psychiatry, 2021, 26, 2070-2081.	4.1	48
32	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. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 4521-4531.	1.8	46
33	Six novel mutations in the arginine vasopressin gene in 15 kindreds with autosomal dominant familial neurohypophyseal diabetes insipidus give further insight into the pathogenesis. European Journal of Human Genetics, 2004, 12, 44-51.	1.4	45
34	Late onset motoneuron disorder caused by mitochondrial Hsp60 chaperone deficiency in mice. Neurobiology of Disease, 2013, 54, 12-23.	2.1	44
35	Association of polygenic score for major depression with response to lithium in patients with bipolar disorder. Molecular Psychiatry, 2021, 26, 2457-2470.	4.1	44
36	Partial nephrogenic diabetes insipidus caused by a novel mutation in the AVPR2 gene. Clinical Endocrinology, 2008, 68, 395-403.	1.2	43

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37	Mitochondrial proteomics on human fibroblasts for identification of metabolic imbalance and cellular stress. Proteome Science, 2009, 7, 20.	0.7	37
38	Genetic risk of major depressive disorder: the moderating and mediating effects of neuroticism and psychological resilience on clinical and self-reported depression. Psychological Medicine, 2018, 48, 1890-1899.	2.7	36
39	Voluntary Physical Exercise Induces Expression and Epigenetic Remodeling of VegfA in the Rat Hippocampus. Molecular Neurobiology, 2018, 55, 567-582.	1.9	35
40	Impaired trafficking of mutated AVP prohormone in cells expressing rare disease genes causing autosomal dominant familial neurohypophyseal diabetes insipidus. Clinical Endocrinology, 2004, 60, 125-136.	1.2	33
41	Bipolar multiplex families have an increased burden of common risk variants for psychiatric disorders. Molecular Psychiatry, 2021, 26, 1286-1298.	4.1	33
42	Identifying the Common Genetic Basis of Antidepressant Response. Biological Psychiatry Global Open Science, 2022, 2, 115-126.	1.0	31
43	Expression of three different mutations in the arginine vasopressin gene suggests genotype-phenotype correlation in familial neurohypophyseal diabetes insipidus kindreds. (Genotype-phenotype) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T		
44	Identification of the BRD1 interaction network and its impact on mental disorder risk. Genome Medicine, 2016, 8, 53.	3.6	29
45	Cannabis use, depression and selfâ€harm: phenotypic and genetic relationships. Addiction, 2020, 115, 482-492.	1.7	29
46	Genetic stratification of depression by neuroticism: revisiting a diagnostic tradition. Psychological Medicine, 2020, 50, 2526-2535.	2.7	27
47	Classical Human Leukocyte Antigen Alleles and C4 Haplotypes Are Not Significantly Associated With Depression. Biological Psychiatry, 2020, 87, 419-430.	0.7	27
48	Identification of genetic loci associated with nocturnal enuresis: a genome-wide association study. The Lancet Child and Adolescent Health, 2021, 5, 201-209.	2.7	27
49	The Schizophrenia and Bipolar Disorder associated BRD1 gene is regulated upon chronic restraint stress. European Neuropsychopharmacology, 2012, 22, 651-656.	0.3	22
50	Prospective study of polygenic risk, protective factors, and incident depression following combat deployment in US Army soldiers. Psychological Medicine, 2020, 50, 737-745.	2.7	22
51	A novel deletion partly removing the AVP gene causes autosomal recessive inheritance of earlyâ€onset neurohypophyseal diabetes insipidus. Clinical Genetics, 2013, 83, 44-52.	1.0	20
52	Investigating the causal relationship between neuroticism and depression via Mendelian randomization. Acta Psychiatrica Scandinavica, 2019, 139, 395-397.	2.2	20
53	Analysis of t(9;17)(q33.2;q25.3) chromosomal breakpoint regions and genetic association reveals novel candidate genes for bipolar disorder. Bipolar Disorders, 2015, 17, 205-211.	1.1	19
54	The Schizophrenia-Associated BRD1 Gene Regulates Behavior, Neurotransmission, and Expression of Schizophrenia Risk Enriched Gene Sets in Mice. Biological Psychiatry, 2017, 82, 62-76.	0.7	19

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55	Shared genetic etiology between alcohol dependence and major depressive disorder. Psychiatric Genetics, 2018, 28, 66-70.	0.6	19
56	Diverse vasopressin V2 receptor functionality underlying partial congenital nephrogenic diabetes insipidus. American Journal of Physiology - Renal Physiology, 2009, 297, F1518-F1525.	1.3	18
57	Skewed X-chromosome inactivation causing diagnostic misinterpretation in congenital nephrogenic diabetes insipidus. Scandinavian Journal of Urology and Nephrology, 2010, 44, 324-330.	1.4	17
58	Electroconvulsive seizures regulates the Brd1 gene in the frontal cortex and hippocampus of the adult rat. Neuroscience Letters, 2012, 516, 110-113.	1.0	17
59	Response to therapeutic sleep deprivation: a naturalistic study of clinical and genetic factors and post-treatment depressive symptom trajectory. Neuropsychopharmacology, 2018, 43, 2572-2577.	2.8	17
60	Partial nephrogenic diabetes insipidus caused by a novel AQP2 variation impairing trafficking of the aquaporin-2 water channel. BMC Nephrology, 2015, 16, 217.	0.8	16
61	Mice heterozygous for an inactivated allele of the schizophrenia associated Brd1 gene display selective cognitive deficits with translational relevance to schizophrenia. Neurobiology of Learning and Memory, 2017, 141, 44-52.	1.0	16
62	Association of Whole-Genome and NETRIN1 Signaling Pathwayâ€“Derived Polygenic Risk Scores for Major Depressive Disorder and White Matter Microstructure in the UK Biobank. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 91-100.	1.1	16
63	Genome-wide association study of depressive symptoms in the Hispanic Community Health Study/Study of Latinos. Journal of Psychiatric Research, 2018, 99, 167-176.	1.5	15
64	Homozygosity for a mutation in the CYP11B2 gene in an infant with congenital corticosterone methyl oxidase deficiency type II. Acta Paediatrica, International Journal of Paediatrics, 2012, 101, e519-25.	0.7	14
65	The Novel Ser18del AVP Variant Causes Inherited Neurohypophyseal Diabetes Insipidus by Mechanisms Shared with Other Signal Peptide Variants. Neuroendocrinology, 2018, 106, 167-186.	1.2	14
66	Brain volumetric alterations accompanied with loss of striatal medium-sized spiny neurons and cortical parvalbumin expressing interneurons in Brd1+/âˆ’ mice. Scientific Reports, 2018, 8, 16486.	1.6	14
67	Genome-wide interaction study of a proxy for stress-sensitivity and its prediction of major depressive disorder. PLoS ONE, 2018, 13, e0209160.	1.1	14
68	Brain proteome changes in female Brd1 mice unmask dendritic spine pathology and show enrichment for schizophrenia risk. Neurobiology of Disease, 2019, 124, 479-488.	2.1	14
69	Eight novel variants in the SLC34A2 gene in pulmonary alveolar microlithiasis. European Respiratory Journal, 2020, 55, 1900806.	3.1	14
70	DNA Methylation Analysis of BRD1 Promoter Regions and the Schizophrenia rs138880 Risk Allele. PLoS ONE, 2017, 12, e0170121.	1.1	14
71	Quantitative assessment of methyl-esterification and other side reactions in a standard propionylation protocol for detection of histone modifications. Proteomics, 2016, 16, 2059-2063.	1.3	12
72	The gene encoding the melanin-concentrating hormone receptor 1 is associated with schizophrenia in a Danish caseâ€“control sample. Psychiatric Genetics, 2012, 22, 62-69.	0.6	11

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73	Lateâ€onset familial neurohypophyseal diabetes insipidus due to a novel mutation in the AVP gene. Clinical Endocrinology, 2012, 77, 586-592.	1.2	11
74	A novel variation in the AVP gene resulting in familial neurohypophyseal diabetes insipidus in a large Italian kindred. Pituitary, 2013, 16, 152-157.	1.6	11
75	Novel and recurrent variants in AVPR2 in 19 families with X-linked congenital nephrogenic diabetes insipidus. European Journal of Pediatrics, 2018, 177, 1399-1405.	1.3	10
76	The Effects of Voluntary Physical Exercise-Activated Neurotrophic Signaling in Rat Hippocampus on mRNA Levels of Downstream Signaling Molecules. Journal of Molecular Neuroscience, 2017, 62, 142-153.	1.1	9
77	Genetic susceptibility for major depressive disorder associates with trajectories of depressive symptoms across childhood and adolescence. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, 895-904.	3.1	9
78	Inactivation of the Schizophrenia-associated BRD1 gene in Brain Causes Failure-to-thrive, Seizure Susceptibility and Abnormal Histone H3 Acetylation and N-tail Clipping. Molecular Neurobiology, 2021, 58, 4495-4505.	1.9	9
79	Reduced Brd1 expression leads to reversible depression-like behaviors and gene-expression changes in female mice. Translational Psychiatry, 2020, 10, 239.	2.4	8
80	The importance of data structure in statistical analysis of dendritic spine morphology. Journal of Neuroscience Methods, 2018, 296, 93-98.	1.3	7
81	The effect of hypoxia on ZEB1 expression in a mimetic system of the blood-brain barrier. Microvascular Research, 2019, 122, 131-135.	1.1	7
82	Urine and kidney cytokine profiles in experimental unilateral acute and chronic hydronephrosis. Scandinavian Journal of Urology and Nephrology, 2012, 46, 91-96.	1.4	6
83	Novel de novo AVPR2 Variant in a Patient with Congenital Nephrogenic Diabetes Insipidus. Case Reports in Nephrology and Dialysis, 2018, 7, 130-137.	0.3	6
84	Transcriptome-based polygenic score links depression-related corticolimbic gene expression changes to sex-specific brain morphology and depression risk. Neuropsychopharmacology, 2021, 46, 2304-2311.	2.8	5
85	The association between genetically determined ABO blood types and major depressive disorder. Psychiatry Research, 2021, 299, 113837.	1.7	4
86	Examining sex differences in neurodevelopmental and psychiatric genetic risk in anxiety and depression. PLoS ONE, 2021, 16, e0248254.	1.1	4
87	Autosomal dominant familial neurohypophyseal diabetes insipidus. Acta Pathologica Microbiologica Et Immunologica Scandinavica - Supplementum, 2003, , 92-5.	0.2	4
88	A novel variant in the <scp>SLC</scp>12A1 gene in two families with antenatal Bartter syndrome. Acta Paediatrica, International Journal of Paediatrics, 2017, 106, 161-167.	0.7	3
89	Modeling the cooperativity of schizophrenia risk genes. Nature Genetics, 2019, 51, 1434-1436.	9.4	3
90	Induced pluripotent stem cells derived from a patient with autosomal dominant familial neurohypophyseal diabetes insipidus caused by a variant in the AVP gene. Stem Cell Research, 2017, 19, 37-42.	0.3	2

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91	Determination of the renal concentration capacity following intravenous administration of dDAVP in healthy humans. Scandinavian Journal of Clinical and Laboratory Investigation, 2018, 78, 114-119.	0.6	2
92	A Partial Phenotype of adFNDI Related to the Signal Peptide c.55G>A Variant of the AVP Gene. Endocrines, 2021, 2, 37-43.	0.4	1
93	Multiplex Analysis of Cardiac Hypertrophic Signaling: Reduced in vivo Phosphorylation of Glycogen Synthase Kinase-3β and Proline-Rich Akt Substrate (PRAS40). Current Signal Transduction Therapy, 2011, 6, 65-70.	0.3	0
94	A Novel Synonymous Variant in the AVP Gene Associated with Autosomal Dominant Familial Neurohypophyseal Diabetes Insipidus Causes Partial RNA Missplicing. Neuroendocrinology, 2018, 107, 167-180.	1.2	0
95	Novel Variant of AVPR2 Giving Rise to X-Linked Congenital Nephrogenic Diabetes Insipidus in a 7-Month-Old Danish Boy. Case Reports in Nephrology and Dialysis, 2021, 10, 124-129.	0.3	0
96	Mosaicism for a postzygotic AVPR2 mutation resulting in partial nephrogenic diabetes insipidus. FASEB Journal, 2008, 22, .	0.2	0
97	CHARACTERIZATION OF MUTANT V2 RECEPTORS ASSOCIATED WITH PARTIAL CONGENITAL NEPHROGENIC DIABETES INSIPIDUS. FASEB Journal, 2008, 22, 748.3.	0.2	0