James A Knowles

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3979395/publications.pdf

Version: 2024-02-01

65 papers	12,361 citations	182225 30 h-index	124990 64 g-index
74 all docs	74 docs citations	74 times ranked	20999 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	Transcriptional landscape of the prenatal human brain. Nature, 2014, 508, 199-206.	13.7	1,147
3	Analysis of shared heritability in common disorders of the brain. Science, 2018, 360, .	6.0	1,085
4	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. Nature, 2022, 604, 502-508.	13.7	929
5	Contribution of copy number variants to schizophrenia from a genome-wide study of 41,321 subjects. Nature Genetics, 2017, 49, 27-35.	9.4	838
6	Transcriptome-wide isoform-level dysregulation in ASD, schizophrenia, and bipolar disorder. Science, 2018, 362, .	6.0	805
7	Genomic Dissection of Bipolar Disorder and Schizophrenia, Including 28 Subphenotypes. Cell, 2018, 173, 1705-1715.e16.	13.5	623
8	Comprehensive functional genomic resource and integrative model for the human brain. Science, 2018, 362, .	6.0	618
9	Integrative functional genomic analysis of human brain development and neuropsychiatric risks. Science, 2018, 362, .	6.0	516
10	The PsychENCODE project. Nature Neuroscience, 2015, 18, 1707-1712.	7.1	371
11	Rare coding variants in ten genes confer substantial risk for schizophrenia. Nature, 2022, 604, 509-516.	13.7	326
12	Comprehensive cellularâ€resolution atlas of the adult human brain. Journal of Comparative Neurology, 2016, 524, 3127-3481.	0.9	302
13	Long-read sequencing and de novo assembly of a Chinese genome. Nature Communications, 2016, 7, 12065.	5.8	242
14	Partitioning the Heritability of Tourette Syndrome and Obsessive Compulsive Disorder Reveals Differences in Genetic Architecture. PLoS Genetics, 2013, 9, e1003864.	1.5	241
15	Transcriptome and epigenome landscape of human cortical development modeled in organoids. Science, 2018, 362, .	6.0	220
16	Molecular and cellular reorganization of neural circuits in the human lineage. Science, 2017, 358, 1027-1032.	6.0	192
17	Rare Copy Number Variants in NRXN1 and CNTN6 Increase Risk for Tourette Syndrome. Neuron, 2017, 94, 1101-1111.e7.	3.8	137
18	Cross-Disorder Genome-Wide Analyses Suggest a Complex Genetic Relationship Between Touretteâ€™s Syndrome and OCD. American Journal of Psychiatry, 2015, 172, 82-93.	4.0	117

#	Article	IF	Citations
19	Spatiotemporal profile of postsynaptic interactomes integrates components of complex brain disorders. Nature Neuroscience, 2017, 20, 1150-1161.	7.1	104
20	Contributions of common genetic variants to risk of schizophrenia among individuals of African and Latino ancestry. Molecular Psychiatry, 2020, 25, 2455-2467.	4.1	82
21	When tractography meets tracer injections: a systematic study of trends and variation sources of diffusion-based connectivity. Brain Structure and Function, 2018, 223, 2841-2858.	1.2	63
22	Sex-Dependent Shared and Nonshared Genetic Architecture Across Mood and Psychotic Disorders. Biological Psychiatry, 2022, 91, 102-117.	0.7	61
23	Deconvolution of transcriptional networks identifies TCF4 as a master regulator in schizophrenia. Science Advances, 2019, 5, eaau4139.	4.7	59
24	Integrating evolutionary and regulatory information with a multispecies approach implicates genes and pathways in obsessive-compulsive disorder. Nature Communications, 2017, 8, 774.	5.8	52
25	Neuronal and glial 3D chromatin architecture informs the cellular etiology of brain disorders. Nature Communications, 2021, 12, 3968.	5.8	48
26	Regulation of Synaptic nlg-1/Neuroligin Abundance by the skn-1/Nrf Stress Response Pathway Protects against Oxidative Stress. PLoS Genetics, 2014, 10, e1004100.	1.5	45
27	Contribution of Rare Copy Number Variants toÂBipolar Disorder Risk Is Limited to Schizoaffective Cases. Biological Psychiatry, 2019, 86, 110-119.	0.7	45
28	Using 3D epigenomic maps of primary olfactory neuronal cells from living individuals to understand gene regulation. Science Advances, 2018, 4, eaav8550.	4.7	43
29	Serotonin Transporter Polymorphisms in Patients With Portopulmonary Hypertension. Chest, 2009, 135, 1470-1475.	0.4	38
30	Impact of the Autism-Associated Long Noncoding RNA MSNP1AS on Neuronal Architecture and Gene Expression in Human Neural Progenitor Cells. Genes, 2016, 7, 76.	1.0	36
31	Exome sequencing in obsessiveâ€“compulsive disorder reveals a burden of rare damaging coding variants. Nature Neuroscience, 2021, 24, 1071-1076.	7.1	35
32	Assessing characteristics of RNA amplification methods for single cell RNA sequencing. BMC Genomics, 2016, 17, 966.	1.2	34
33	A CTGF-YAP Regulatory Pathway Is Essential for Angiogenesis and Barriergenesis in the Retina. IScience, 2020, 23, 101184.	1.9	33
34	Significant concordance of genetic variation that increases both the risk for obsessiveâ€“compulsive disorder and the volumes of the nucleus accumbens and putamen. British Journal of Psychiatry, 2018, 213, 430-436.	1.7	32
35	Hoarding in children and adolescents with obsessiveâ€“compulsive disorder. Journal of Obsessive-Compulsive and Related Disorders, 2014, 3, 325-331.	0.7	31
36	An investigation of doubt in obsessiveâ€“compulsive disorder. Comprehensive Psychiatry, 2017, 75, 117-124.	1.5	30

#	Article	IF	Citations
37	Gene Expression in Patient-Derived Neural Progenitors Implicates WNT5A Signaling in the Etiology of Schizophrenia. Biological Psychiatry, 2020, 88, 236-247.	0.7	28
38	Genetic variants specific to aging-related verbal memory: Insights from GWASs in a population-based cohort. PLoS ONE, 2017, 12, e0182448.	1.1	28
39	Dorsal Amygdala Neurotrophin-3 Decreases Anxious Temperament in Primates. Biological Psychiatry, 2019, 86, 881-889.	0.7	27
40	Classical Human Leukocyte Antigen Alleles and C4 Haplotypes Are Not Significantly Associated With Depression. Biological Psychiatry, 2020, 87, 419-430.	0.7	27
41	Evidence for Linkage and Association of GABRB3 and GABRA5 to Panic Disorder. Neuropsychopharmacology, 2014, 39, 2423-2431.	2.8	26
42	Non-coding RNAs derived from an alternatively spliced REST transcript (REST-003) regulate breast cancer invasiveness. Scientific Reports, 2015, 5, 11207.	1.6	26
43	Endogenous Cell Typeâ€“Specific Disrupted in Schizophrenia 1 Interactomes Reveal Protein Networks Associated With Neurodevelopmental Disorders. Biological Psychiatry, 2019, 85, 305-316.	0.7	26
44	Parental bonding and hoarding in obsessiveâ€“compulsive disorder. Comprehensive Psychiatry, 2017, 73, 43-52.	1.5	25
45	Genome-wide Burden of Rare Short Deletions Is Enriched in Major Depressive Disorder in Four Cohorts. Biological Psychiatry, 2019, 85, 1065-1073.	0.7	25
46	Olfactory neuroepithelium-derived neural progenitor cells as a model system for investigating the molecular mechanisms of neuropsychiatric disorders. Psychiatric Genetics, 2011, 21, 217-228.	0.6	24
47	ADHD and executive functioning deficits in OCD youths who hoard. Journal of Psychiatric Research, 2016, 82, 141-148.	1.5	24
48	Clinically effective OCD treatment prevents 5-HT1B receptor-induced repetitive behavior and striatal activation. Psychopharmacology, 2016, 233, 57-70.	1.5	24
49	De novo variants in GREB1L are associated with non-syndromic inner ear malformations and deafness. Human Genetics, 2018, 137, 459-470.	1.8	24
50	Concordance of genetic variation that increases risk for Tourette Syndrome and that influences its underlying neurocircuitry. Translational Psychiatry, 2019, 9, 120.	2.4	24
51	Immune-Related Comorbidities in Childhood-Onset Obsessive Compulsive Disorder: Lifetime Prevalence in the Obsessive Compulsive Disorder Collaborative Genetics Association Study. Journal of Child and Adolescent Psychopharmacology, 2019, 29, 615-624.	0.7	22
52	EphA7 regulates spiral ganglion innervation of cochlear hair cells. Developmental Neurobiology, 2016, 76, 452-469.	1.5	20
53	OBSESSIVE-COMPULSIVE PERSONALITY DISORDER: EVIDENCE FOR TWO DIMENSIONS. Depression and Anxiety, 2016, 33, 128-135.	2.0	20
54	Transcriptional Profiling of Primate Central Nucleus of the Amygdala Neurons to Understand the Molecular Underpinnings of Early-Life Anxious Temperament. Biological Psychiatry, 2020, 88, 638-648.	0.7	18

#	Article	IF	Citations
55	Assessing the efficacy of endoscopic office olfactory biopsy sites to produce neural progenitor cell cultures for the study of neuropsychiatric disorders. International Forum of Allergy and Rhinology, 2013, 3, 133-138.	1.5	17
56	Noncoding RNA in the transcriptional landscape of human neural progenitor cell differentiation. Frontiers in Neuroscience, 2015, 9, 392.	1.4	11
57	Self-reported executive function and hoarding in adults with obsessive-compulsive disorder. Comprehensive Psychiatry, 2018, 81, 53-59.	1.5	10
58	Transcriptome data of temporal and cingulate cortex in the Rett syndrome brain. Scientific Data, 2020, 7, 192.	2.4	9
59	Comprehensive cellularâ€resolution atlas of the adult human brain. Journal of Comparative Neurology, 2016, 524, Spc1.	0.9	8
60	Recurrent Rare Copy Number Variants Increase Risk for Esotropia. , 2020, 61, 22.		8
61	A de novo SIX1 variant in a patient with a rare nonsyndromic cochleovestibular nerve abnormality, cochlear hypoplasia, and bilateral sensorineural hearing loss. Molecular Genetics & Genomic Medicine, 2019, 7, e995.	0.6	6
62	General personality dimensions, impairment and treatment response in obsessiveâ€“compulsive disorder. Personality and Mental Health, 2020, 14, 186-198.	0.6	6
63	Genes Implicated in Rare Congenital Inner Ear and Cochleovestibular Nerve Malformations. Ear and Hearing, 2020, 41, 983-989.	1.0	6
64	Populationâ€based identityâ€byâ€descent mapping combined with exome sequencing to detect rare risk variants for schizophrenia. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2019, 180, 223-231.	1.1	2
65	What Have We Learned About the Genetics of Obsessive-Compulsive and Related Disorders in Recent Years?. Focus (American Psychiatric Publishing), 2021, 19, 384-391.	0.4	2