

# 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	Sex-Dependent Shared and Nonshared Genetic Architecture Across Mood and Psychotic Disorders. <i>Biological Psychiatry</i> , 2022, 91, 102-117.	0.7	61
2	Mapping genomic loci implicates genes and synaptic biology in schizophrenia. <i>Nature</i> , 2022, 604, 502-508.	13.7	929
3	Rare coding variants in ten genes confer substantial risk for schizophrenia. <i>Nature</i> , 2022, 604, 509-516.	13.7	326
4	Exome sequencing in obsessive-compulsive disorder reveals a burden of rare damaging coding variants. <i>Nature Neuroscience</i> , 2021, 24, 1071-1076.	7.1	35
5	Neuronal and glial 3D chromatin architecture informs the cellular etiology of brain disorders. <i>Nature Communications</i> , 2021, 12, 3968.	5.8	48
6	What Have We Learned About the Genetics of Obsessive-Compulsive and Related Disorders in Recent Years?. <i>Focus (American Psychiatric Publishing)</i> , 2021, 19, 384-391.	0.4	2
7	Contributions of common genetic variants to risk of schizophrenia among individuals of African and Latino ancestry. <i>Molecular Psychiatry</i> , 2020, 25, 2455-2467.	4.1	82
8	Classical Human Leukocyte Antigen Alleles and C4 Haplotypes Are Not Significantly Associated With Depression. <i>Biological Psychiatry</i> , 2020, 87, 419-430.	0.7	27
9	General personality dimensions, impairment and treatment response in obsessive-compulsive disorder. <i>Personality and Mental Health</i> , 2020, 14, 186-198.	0.6	6
10	A CTGF-YAP Regulatory Pathway Is Essential for Angiogenesis and Barrierogenesis in the Retina. <i>IScience</i> , 2020, 23, 101184.	1.9	33
11	Recurrent Rare Copy Number Variants Increase Risk for Esotropia. , 2020, 61, 22.		8
12	Transcriptome data of temporal and cingulate cortex in the Rett syndrome brain. <i>Scientific Data</i> , 2020, 7, 192.	2.4	9
13	Genes Implicated in Rare Congenital Inner Ear and Cochleovestibular Nerve Malformations. <i>Ear and Hearing</i> , 2020, 41, 983-989.	1.0	6
14	Gene Expression in Patient-Derived Neural Progenitors Implicates WNT5A Signaling in the Etiology of Schizophrenia. <i>Biological Psychiatry</i> , 2020, 88, 236-247.	0.7	28
15	Transcriptional Profiling of Primate Central Nucleus of the Amygdala Neurons to Understand the Molecular Underpinnings of Early-Life Anxious Temperament. <i>Biological Psychiatry</i> , 2020, 88, 638-648.	0.7	18
16	Endogenous Cell Type-Specific Disrupted in Schizophrenia 1 Interactomes Reveal Protein Networks Associated With Neurodevelopmental Disorders. <i>Biological Psychiatry</i> , 2019, 85, 305-316.	0.7	26
17	Dorsal Amygdala Neurotrophin-3 Decreases Anxious Temperament in Primates. <i>Biological Psychiatry</i> , 2019, 86, 881-889.	0.7	27
18	A de novo <i>SIX1</i> variant in a patient with a rare nonsyndromic cochleovestibular nerve abnormality, cochlear hypoplasia, and bilateral sensorineural hearing loss. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2019, 7, e995.	0.6	6

#	ARTICLE	IF	CITATIONS
19	Deconvolution of transcriptional networks identifies TCF4 as a master regulator in schizophrenia. <i>Science Advances</i> , 2019, 5, eaau4139.	4.7	59
20	Immune-Related Comorbidities in Childhood-Onset Obsessive Compulsive Disorder: Lifetime Prevalence in the Obsessive Compulsive Disorder Collaborative Genetics Association Study. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2019, 29, 615-624.	0.7	22
21	Genome-wide Burden of Rare Short Deletions Is Enriched in Major Depressive Disorder in Four Cohorts. <i>Biological Psychiatry</i> , 2019, 85, 1065-1073.	0.7	25
22	Concordance of genetic variation that increases risk for Tourette Syndrome and that influences its underlying neurocircuitry. <i>Translational Psychiatry</i> , 2019, 9, 120.	2.4	24
23	Population-based identity-by-descent mapping combined with exome sequencing to detect rare risk variants for schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2019, 180, 223-231.	1.1	2
24	Contribution of Rare Copy Number Variants to Bipolar Disorder Risk Is Limited to Schizoaffective Cases. <i>Biological Psychiatry</i> , 2019, 86, 110-119.	0.7	45
25	When tractography meets tracer injections: a systematic study of trends and variation sources of diffusion-based connectivity. <i>Brain Structure and Function</i> , 2018, 223, 2841-2858.	1.2	63
26	Genome-wide association analyses identify 44 risk variants and refine the genetic architecture of major depression. <i>Nature Genetics</i> , 2018, 50, 668-681.	9.4	2,224
27	Self-reported executive function and hoarding in adults with obsessive-compulsive disorder. <i>Comprehensive Psychiatry</i> , 2018, 81, 53-59.	1.5	10
28	Using 3D epigenomic maps of primary olfactory neuronal cells from living individuals to understand gene regulation. <i>Science Advances</i> , 2018, 4, eaav8550.	4.7	43
29	Transcriptome and epigenome landscape of human cortical development modeled in organoids. <i>Science</i> , 2018, 362, .	6.0	220
30	Integrative functional genomic analysis of human brain development and neuropsychiatric risks. <i>Science</i> , 2018, 362, .	6.0	516
31	Transcriptome-wide isoform-level dysregulation in ASD, schizophrenia, and bipolar disorder. <i>Science</i> , 2018, 362, .	6.0	805
32	Comprehensive functional genomic resource and integrative model for the human brain. <i>Science</i> , 2018, 362, .	6.0	618
33	De novo variants in GREB1L are associated with non-syndromic inner ear malformations and deafness. <i>Human Genetics</i> , 2018, 137, 459-470.	1.8	24
34	Significant concordance of genetic variation that increases both the risk for obsessive-compulsive disorder and the volumes of the nucleus accumbens and putamen. <i>British Journal of Psychiatry</i> , 2018, 213, 430-436.	1.7	32
35	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018, 360, .	6.0	1,085
36	Genomic Dissection of Bipolar Disorder and Schizophrenia, Including 28 Subphenotypes. <i>Cell</i> , 2018, 173, 1705-1715.e16.	13.5	623

#	ARTICLE	IF	CITATIONS
37	Parental bonding and hoarding in obsessive-compulsive disorder. <i>Comprehensive Psychiatry</i> , 2017, 73, 43-52.	1.5	25
38	Rare Copy Number Variants in NRXN1 and CNTN6 Increase Risk for Tourette Syndrome. <i>Neuron</i> , 2017, 94, 1101-1111.e7.	3.8	137
39	An investigation of doubt in obsessive-compulsive disorder. <i>Comprehensive Psychiatry</i> , 2017, 75, 117-124.	1.5	30
40	Integrating evolutionary and regulatory information with a multispecies approach implicates genes and pathways in obsessive-compulsive disorder. <i>Nature Communications</i> , 2017, 8, 774.	5.8	52
41	Molecular and cellular reorganization of neural circuits in the human lineage. <i>Science</i> , 2017, 358, 1027-1032.	6.0	192
42	Spatiotemporal profile of postsynaptic interactomes integrates components of complex brain disorders. <i>Nature Neuroscience</i> , 2017, 20, 1150-1161.	7.1	104
43	Contribution of copy number variants to schizophrenia from a genome-wide study of 41,321 subjects. <i>Nature Genetics</i> , 2017, 49, 27-35.	9.4	838
44	Genetic variants specific to aging-related verbal memory: Insights from GWASs in a population-based cohort. <i>PLoS ONE</i> , 2017, 12, e0182448.	1.1	28
45	Impact of the Autism-Associated Long Noncoding RNA MSNP1AS on Neuronal Architecture and Gene Expression in Human Neural Progenitor Cells. <i>Genes</i> , 2016, 7, 76.	1.0	36
46	Assessing characteristics of RNA amplification methods for single cell RNA sequencing. <i>BMC Genomics</i> , 2016, 17, 966.	1.2	34
47	EphA7 regulates spiral ganglion innervation of cochlear hair cells. <i>Developmental Neurobiology</i> , 2016, 76, 452-469.	1.5	20
48	OBSESSIVE-COMPULSIVE PERSONALITY DISORDER: EVIDENCE FOR TWO DIMENSIONS. <i>Depression and Anxiety</i> , 2016, 33, 128-135.	2.0	20
49	ADHD and executive functioning deficits in OCD youths who hoard. <i>Journal of Psychiatric Research</i> , 2016, 82, 141-148.	1.5	24
50	Comprehensive cellular-resolution atlas of the adult human brain. <i>Journal of Comparative Neurology</i> , 2016, 524, Spc1.	0.9	8
51	Comprehensive cellular-resolution atlas of the adult human brain. <i>Journal of Comparative Neurology</i> , 2016, 524, 3127-3481.	0.9	302
52	Long-read sequencing and de novo assembly of a Chinese genome. <i>Nature Communications</i> , 2016, 7, 12065.	5.8	242
53	Clinically effective OCD treatment prevents 5-HT1B receptor-induced repetitive behavior and striatal activation. <i>Psychopharmacology</i> , 2016, 233, 57-70.	1.5	24
54	Noncoding RNA in the transcriptional landscape of human neural progenitor cell differentiation. <i>Frontiers in Neuroscience</i> , 2015, 9, 392.	1.4	11

#	ARTICLE	IF	CITATIONS
55	Cross-Disorder Genome-Wide Analyses Suggest a Complex Genetic Relationship Between Touretteâ€™s Syndrome and OCD. <i>American Journal of Psychiatry</i> , 2015, 172, 82-93.	4.0	117
56	Non-coding RNAs derived from an alternatively spliced REST transcript (REST-003) regulate breast cancer invasiveness. <i>Scientific Reports</i> , 2015, 5, 11207.	1.6	26
57	The PsychENCODE project. <i>Nature Neuroscience</i> , 2015, 18, 1707-1712.	7.1	371
58	Evidence for Linkage and Association of GABRB3 and GABRA5 to Panic Disorder. <i>Neuropsychopharmacology</i> , 2014, 39, 2423-2431.	2.8	26
59	Regulation of Synaptic nlg-1/Neuroigin Abundance by the skn-1/Nrf Stress Response Pathway Protects against Oxidative Stress. <i>PLoS Genetics</i> , 2014, 10, e1004100.	1.5	45
60	Transcriptional landscape of the prenatal human brain. <i>Nature</i> , 2014, 508, 199-206.	13.7	1,147
61	Hoarding in children and adolescents with obsessiveâ€“compulsive disorder. <i>Journal of Obsessive-Compulsive and Related Disorders</i> , 2014, 3, 325-331.	0.7	31
62	Partitioning the Heritability of Tourette Syndrome and Obsessive Compulsive Disorder Reveals Differences in Genetic Architecture. <i>PLoS Genetics</i> , 2013, 9, e1003864.	1.5	241
63	Assessing the efficacy of endoscopic office olfactory biopsy sites to produce neural progenitor cell cultures for the study of neuropsychiatric disorders. <i>International Forum of Allergy and Rhinology</i> , 2013, 3, 133-138.	1.5	17
64	Olfactory neuroepithelium-derived neural progenitor cells as a model system for investigating the molecular mechanisms of neuropsychiatric disorders. <i>Psychiatric Genetics</i> , 2011, 21, 217-228.	0.6	24
65	Serotonin Transporter Polymorphisms in Patients With Portopulmonary Hypertension. <i>Chest</i> , 2009, 135, 1470-1475.	0.4	38