

Wesley Kurt Thompson

List of Publications by Citations

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Version: 2024-04-20

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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.

128
papers

5,245
citations

42
h-index

70
g-index

142
ext. papers

7,501
ext. citations

8.2
avg, IF

5.54
L-index

#	Paper	IF	Citations
128	Improved detection of common variants associated with schizophrenia by leveraging pleiotropy with cardiovascular-disease risk factors. <i>American Journal of Human Genetics</i> , 2013 , 92, 197-209	11	293
127	Dense genotyping of immune-related disease regions identifies nine new risk loci for primary sclerosing cholangitis. <i>Nature Genetics</i> , 2013 , 45, 670-5	36.3	267
126	All SNPs are not created equal: genome-wide association studies reveal a consistent pattern of enrichment among functionally annotated SNPs. <i>PLoS Genetics</i> , 2013 , 9, e1003449	6	209
125	Improved detection of common variants associated with schizophrenia and bipolar disorder using pleiotropy-informed conditional false discovery rate. <i>PLoS Genetics</i> , 2013 , 9, e1003455	6	192
124	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , 2019 , 202, 116091	7.9	184
123	The Pediatric Imaging, Neurocognition, and Genetics (PING) Data Repository. <i>NeuroImage</i> , 2016 , 124, 1149-1154	7.9	177
122	International meta-analysis of PTSD genome-wide association studies identifies sex- and ancestry-specific genetic risk loci. <i>Nature Communications</i> , 2019 , 10, 4558	17.4	151
121	Genome-wide Pleiotropy Between Parkinson Disease and Autoimmune Diseases. <i>JAMA Neurology</i> , 2017 , 74, 780-792	17.2	150
120	Development and aging of cortical thickness correspond to genetic organization patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 15462-7	11.5	149
119	Augmenting psychoeducation with a mobile intervention for bipolar disorder: a randomized controlled trial. <i>Journal of Affective Disorders</i> , 2015 , 174, 23-30	6.6	133
118	The NIH Toolbox Cognition Battery: results from a large normative developmental sample (PING). <i>Neuropsychology</i> , 2014 , 28, 1-10	3.8	120
117	The National Consortium on Alcohol and NeuroDevelopment in Adolescence (NCANDA): A Multisite Study of Adolescent Development and Substance Use. <i>Journal of Studies on Alcohol and Drugs</i> , 2015 , 76, 895-908	1.9	115
116	Neurodevelopmental origins of lifespan changes in brain and cognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 9357-62	11.5	109
115	Polygenic Overlap Between C-Reactive Protein, Plasma Lipids, and Alzheimer Disease. <i>Circulation</i> , 2015 , 131, 2061-2069	16.7	100
114	Association Between Genetic Traits for Immune-Mediated Diseases and Alzheimer Disease. <i>JAMA Neurology</i> , 2016 , 73, 691-7	17.2	100
113	Evolutionary Pressure against MHC Class II Binding Cancer Mutations. <i>Cell</i> , 2018 , 175, 416-428.e13	56.2	98
112	A genome-wide association study of shared risk across psychiatric disorders implicates gene regulation during fetal neurodevelopment. <i>Nature Neuroscience</i> , 2019 , 22, 353-361	25.5	93

111	A Nonlinear Simulation Framework Supports Adjusting for Age When Analyzing BrainAGE. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 317	5.3	93
110	Altered Brain Developmental Trajectories in Adolescents After Initiating Drinking. <i>American Journal of Psychiatry</i> , 2018 , 175, 370-380	11.9	88
109	Identification of Genetic Loci Jointly Influencing Schizophrenia Risk and the Cognitive Traits of Verbal-Numerical Reasoning, Reaction Time, and General Cognitive Function. <i>JAMA Psychiatry</i> , 2017 , 74, 1065-1075	14.5	82
108	Cognitive complaints correlate with depression rather than concurrent objective cognitive impairment in the successful aging evaluation baseline sample. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2014 , 27, 181-7	3.8	82
107	Paradoxical Trend for Improvement in Mental Health With Aging: A Community-Based Study of 1,546 Adults Aged 21-100 Years. <i>Journal of Clinical Psychiatry</i> , 2016 , 77, e1019-25	4.6	75
106	Underconnected, But Not Broken? Dynamic Functional Connectivity MRI Shows Underconnectivity in Autism Is Linked to Increased Intra-Individual Variability Across Time. <i>Brain Connectivity</i> , 2016 , 6, 403-414	2.7	72
105	Bivariate causal mixture model quantifies polygenic overlap between complex traits beyond genetic correlation. <i>Nature Communications</i> , 2019 , 10, 2417	17.4	68
104	Identifying common genetic variants in blood pressure due to polygenic pleiotropy with associated phenotypes. <i>Hypertension</i> , 2014 , 63, 819-26	8.5	64
103	Design considerations for characterizing psychiatric trajectories across the lifespan: application to effects of APOE- ϵ 4 on cerebral cortical thickness in Alzheimer's disease. <i>American Journal of Psychiatry</i> , 2011 , 168, 894-903	11.9	64
102	Boosting the power of schizophrenia genetics by leveraging new statistical tools. <i>Schizophrenia Bulletin</i> , 2014 , 40, 13-7	1.3	62
101	Genetic Markers of Human Evolution Are Enriched in Schizophrenia. <i>Biological Psychiatry</i> , 2016 , 80, 284-292	2.9	60
100	Bias in tensor based morphometry Stat-ROI measures may result in unrealistic power estimates. <i>NeuroImage</i> , 2011 , 57, 1-4	7.9	60
99	Harmonizing DTI measurements across scanners to examine the development of white matter microstructure in 803 adolescents of the NCANDA study. <i>NeuroImage</i> , 2016 , 130, 194-213	7.9	59
98	Quantifying the Impact of Rare and Ultra-rare Coding Variation across the Phenotypic Spectrum. <i>American Journal of Human Genetics</i> , 2018 , 102, 1204-1211	11	59
97	Sexual health and function in later life: a population-based study of 606 older adults with a partner. <i>American Journal of Geriatric Psychiatry</i> , 2015 , 23, 227-33	6.5	56
96	Association between higher levels of sexual function, activity, and satisfaction and self-rated successful aging in older postmenopausal women. <i>Journal of the American Geriatrics Society</i> , 2011 , 59, 1503-8	5.6	56
95	The role of clusterin in amyloid- β -associated neurodegeneration. <i>JAMA Neurology</i> , 2014 , 71, 180-7	17.2	55
94	The Challenges and Opportunities of Small Effects: The New Normal in Academic Psychiatry. <i>JAMA Psychiatry</i> , 2019 , 76, 353-354	14.5	54

93	Prevalence of rearrangements in the 22q11.2 region and population-based risk of neuropsychiatric and developmental disorders in a Danish population: a case-cohort study. <i>Lancet Psychiatry</i> , 2018 , 5, 573-580	23.3	53
92	Screen media activity and brain structure in youth: Evidence for diverse structural correlation networks from the ABCD study. <i>NeuroImage</i> , 2019 , 185, 140-153	7.9	53
91	Complex interplay between health and successful aging: role of perceived stress, resilience, and social support. <i>American Journal of Geriatric Psychiatry</i> , 2015 , 23, 622-32	6.5	52
90	The structure of cognition in 9 and 10 year-old children and associations with problem behaviors: Findings from the ABCD study's baseline neurocognitive battery. <i>Developmental Cognitive Neuroscience</i> , 2019 , 36, 100606	5.5	51
89	The Role of Aging, Drug Dependence, and Hepatitis C Comorbidity in Alcoholism Cortical Compromise. <i>JAMA Psychiatry</i> , 2018 , 75, 474-483	14.5	45
88	Identification of Gene Loci That Overlap Between Schizophrenia and Educational Attainment. <i>Schizophrenia Bulletin</i> , 2017 , 43, 654-664	1.3	45
87	Cognitive, emotion control, and motor performance of adolescents in the NCANDA study: Contributions from alcohol consumption, age, sex, ethnicity, and family history of addiction. <i>Neuropsychology</i> , 2016 , 30, 449-73	3.8	42
86	New statistical approaches exploit the polygenic architecture of schizophrenia--implications for the underlying neurobiology. <i>Current Opinion in Neurobiology</i> , 2016 , 36, 89-98	7.6	41
85	Biospecimens and the ABCD study: Rationale, methods of collection, measurement and early data. <i>Developmental Cognitive Neuroscience</i> , 2018 , 32, 97-106	5.5	40
84	Shared common variants in prostate cancer and blood lipids. <i>International Journal of Epidemiology</i> , 2014 , 43, 1205-14	7.8	39
83	Discovery of shared genomic loci using the conditional false discovery rate approach. <i>Human Genetics</i> , 2020 , 139, 85-94	6.3	39
82	The prediction of study-emergent suicidal ideation in bipolar disorder: a pilot study using ecological momentary assessment data. <i>Bipolar Disorders</i> , 2014 , 16, 669-77	3.8	36
81	Covariate-modulated local false discovery rate for genome-wide association studies. <i>Bioinformatics</i> , 2014 , 30, 2098-104	7.2	34
80	Strength of immune selection in tumors varies with sex and age. <i>Nature Communications</i> , 2020 , 11, 412817.4	17.4	33
79	Identifying Novel Gene Variants in Coronary Artery Disease and Shared Genes With Several Cardiovascular Risk Factors. <i>Circulation Research</i> , 2016 , 118, 83-94	15.7	32
78	Anxiety is related to indices of cortical maturation in typically developing children and adolescents. <i>Brain Structure and Function</i> , 2016 , 221, 3013-25	4	32
77	Neuroanatomical spread of amyloid and tau in Alzheimer's disease: implications for primary prevention. <i>Brain Communications</i> , 2020 , 2, fcaa007	4.5	32
76	Prediction of neurocognition in youth from resting state fMRI. <i>Molecular Psychiatry</i> , 2020 , 25, 3413-342115.1	15.1	31

75	Abundant genetic overlap between blood lipids and immune-mediated diseases indicates shared molecular genetic mechanisms. <i>PLoS ONE</i> , 2015 , 10, e0123057	3.7	30
74	Leveraging Genomic Annotations and Pleiotropic Enrichment for Improved Replication Rates in Schizophrenia GWAS. <i>PLoS Genetics</i> , 2016 , 12, e1005803	6	30
73	Understanding the genetic determinants of the brain with MOSTest. <i>Nature Communications</i> , 2020 , 11, 3512	17.4	28
72	Estimating Effect Sizes and Expected Replication Probabilities from GWAS Summary Statistics. <i>Frontiers in Genetics</i> , 2016 , 7, 15	4.5	26
71	Is bigger always better? The importance of cortical configuration with respect to cognitive ability. <i>NeuroImage</i> , 2016 , 129, 356-366	7.9	25
70	Does degree of gyrification underlie the phenotypic and genetic associations between cortical surface area and cognitive ability?. <i>NeuroImage</i> , 2015 , 106, 154-60	7.9	24
69	Sex-dependent autosomal effects on clinical progression of Alzheimer's disease. <i>Brain</i> , 2020 , 143, 2272-2280	22.8	23
68	Bayesian latent time joint mixed effect models for multicohort longitudinal data. <i>Statistical Methods in Medical Research</i> , 2019 , 28, 835-845	2.3	23
67	Meaningful associations in the adolescent brain cognitive development study. <i>NeuroImage</i> , 2021 , 239, 118262	7.9	23
66	Identification of shared genetic variants between schizophrenia and lung cancer. <i>Scientific Reports</i> , 2018 , 8, 674	4.9	21
65	MicroRNAs enrichment in GWAS of complex human phenotypes. <i>BMC Genomics</i> , 2015 , 16, 304	4.5	19
64	Novel Loci Associated With Attention-Deficit/Hyperactivity Disorder Are Revealed by Leveraging Polygenic Overlap With Educational Attainment. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2018 , 57, 86-95	7.2	19
63	Predicting the course of Alzheimer's progression. <i>Brain Informatics</i> , 2019 , 6, 6	5.9	18
62	Genetic overlap between multiple sclerosis and several cardiovascular disease risk factors. <i>Multiple Sclerosis Journal</i> , 2016 , 22, 1783-1793	5	17
61	Nucleus accumbens cytoarchitecture predicts weight gain in children. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 26977-26984	11.5	17
60	Cortical morphology of the pars opercularis and its relationship to motor-inhibitory performance in a longitudinal, developing cohort. <i>Brain Structure and Function</i> , 2018 , 223, 211-220	4	15
59	Hippocampal atrophy varies by neuropsychologically defined MCI among men in their 50s. <i>American Journal of Geriatric Psychiatry</i> , 2015 , 23, 456-65	6.5	14
58	Post-traumatic stress symptoms and adult attachment: a 24-year longitudinal study. <i>American Journal of Geriatric Psychiatry</i> , 2014 , 22, 1603-12	6.5	14

57	Quantifying the Polygenic Architecture of the Human Cerebral Cortex: Extensive Genetic Overlap between Cortical Thickness and Surface Area. <i>Cerebral Cortex</i> , 2020 , 30, 5597-5603	5.1	13
56	Responsible Use of Open-Access Developmental Data: The Adolescent Brain Cognitive Development (ABCD) Study. <i>Psychological Science</i> , 2021 , 32, 866-870	7.9	13
55	Assessing callous-unemotional traits: development of a brief, reliable measure in a large and diverse sample of preadolescent youth. <i>Psychological Medicine</i> , 2020 , 50, 456-464	6.9	13
54	Genetic Sharing with Cardiovascular Disease Risk Factors and Diabetes Reveals Novel Bone Mineral Density Loci. <i>PLoS ONE</i> , 2015 , 10, e0144531	3.7	12
53	A molecule-based genetic association approach implicates a range of voltage-gated calcium channels associated with schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2018 , 177, 454-467	3.5	11
52	A correction for sample overlap in genome-wide association studies in a polygenic pleiotropy-informed framework. <i>BMC Genomics</i> , 2018 , 19, 494	4.5	11
51	Association of Heavy Drinking With Deviant Fiber Tract Development in Frontal Brain Systems in Adolescents. <i>JAMA Psychiatry</i> , 2021 , 78, 407-415	14.5	11
50	Personality Change Due to Traumatic Brain Injury in Children and Adolescents: Neurocognitive Correlates. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2015 , 27, 272-9	2.7	10
49	Leveraging genome characteristics to improve gene discovery for putamen subcortical brain structure. <i>Scientific Reports</i> , 2017 , 7, 15736	4.9	10
48	Positive Economic, Psychosocial, and Physiological Ecologies Predict Brain Structure and Cognitive Performance in 9-10-Year-Old Children. <i>Frontiers in Human Neuroscience</i> , 2020 , 14, 578822	3.3	10
47	Pleiotropic Analysis of Lung Cancer and Blood Triglycerides. <i>Journal of the National Cancer Institute</i> , 2016 , 108,	9.7	9
46	Prediction of transplant-free survival in idiopathic pulmonary fibrosis patients using joint models for event times and mixed multivariate longitudinal data. <i>Journal of Applied Statistics</i> , 2014 , 41, 2192-2205		9
45	Bayesian latent time joint mixed-effects model of progression in the Alzheimer's Disease Neuroimaging Initiative. <i>Alzheimers and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018 , 10, 657-668	5.2	9
44	Recalibrating expectations about effect size: A multi-method survey of effect sizes in the ABCD study. <i>PLoS ONE</i> , 2021 , 16, e0257535	3.7	9
43	Early Adolescent Substance Use Before and During the COVID-19 Pandemic: A Longitudinal Survey in the ABCD Study Cohort. <i>Journal of Adolescent Health</i> , 2021 , 69, 390-397	5.8	9
42	Effects of prior testing lasting a full year in NCANDA adolescents: Contributions from age, sex, socioeconomic status, ethnicity, site, family history of alcohol or drug abuse, and baseline performance. <i>Developmental Cognitive Neuroscience</i> , 2017 , 24, 72-83	5.5	8
41	Post-traumatic stress following military deployment: Genetic associations and cross-disorder genetic correlations. <i>Journal of Affective Disorders</i> , 2019 , 252, 350-357	6.6	8
40	A Bayesian regression model for multivariate functional data. <i>Computational Statistics and Data Analysis</i> , 2009 , 53, 3773-3786	1.6	8

39	A stimulus-locked vector autoregressive model for slow event-related fMRI designs. <i>NeuroImage</i> , 2009 , 46, 739-48	7.9	8
38	Naturalization of the microbiota developmental trajectory of Cesarean-born neonates after vaginal seeding.. <i>Med</i> , 2021 , 2, 951-964.e5	31.7	8
37	The relative efficiency of time-to-progression and continuous measures of cognition in presymptomatic Alzheimer's disease. <i>Alzheimers and Dementia: Translational Research and Clinical Interventions</i> , 2019 , 5, 308-318	6	6
36	Technology-Based Early Warning Systems for Bipolar Disorder: A Conceptual Framework. <i>JMIR Mental Health</i> , 2016 , 3, e42	6	6
35	Rates of Incidental Findings in Brain Magnetic Resonance Imaging in Children. <i>JAMA Neurology</i> , 2021 , 78, 578-587	17.2	6
34	Computational approaches and machine learning for individual-level treatment predictions. <i>Psychopharmacology</i> , 2021 , 238, 1231-1239	4.7	6
33	Individual Differences in Cognitive Performance Are Better Predicted by Global Rather Than Localized BOLD Activity Patterns Across the Cortex. <i>Cerebral Cortex</i> , 2021 , 31, 1478-1488	5.1	6
32	Maturational trajectories of white matter microstructure underlying the right presupplementary motor area reflect individual improvements in motor response cancellation in children and adolescents. <i>NeuroImage</i> , 2020 , 220, 117105	7.9	5
31	Breastfeeding Duration Is Associated With Domain-Specific Improvements in Cognitive Performance in 9-10-Year-Old Children. <i>Frontiers in Public Health</i> , 2021 , 9, 657422	6	5
30	Adolescent Brain Cognitive Development (ABCD) study Linked External Data (LED): Protocol and practices for geocoding and assignment of environmental data. <i>Developmental Cognitive Neuroscience</i> , 2021 , 52, 101030	5.5	4
29	Genetic factors underlying the bidirectional relationship between autoimmune and mental disorders - Findings from a Danish population-based study. <i>Brain, Behavior, and Immunity</i> , 2021 , 91, 10-23	16.6	4
28	RAMIC: Design of a randomized, double-blind, placebo-controlled trial to evaluate the efficacy of ramipril in patients with COVID-19. <i>Contemporary Clinical Trials</i> , 2021 , 103, 106330	2.3	3
27	Cross-tissue eQTL enrichment of associations in schizophrenia. <i>PLoS ONE</i> , 2018 , 13, e0202812	3.7	3
26	Enhancing Discovery of Genetic Variants for Posttraumatic Stress Disorder Through Integration of Quantitative Phenotypes and Trauma Exposure Information. <i>Biological Psychiatry</i> , 2021 ,	7.9	3
25	Risk for depression tripled during the COVID-19 pandemic in emerging adults followed for the last 8 years. <i>Psychological Medicine</i> , 2021 , 1-8	6.9	2
24	Brain Predictability toolbox: a Python library for neuroimaging-based machine learning. <i>Bioinformatics</i> , 2021 , 37, 1637-1638	7.2	2
23	Neural vulnerability and hurricane-related media are associated with post-traumatic stress in youth. <i>Nature Human Behaviour</i> , 2021 , 5, 1578-1589	12.8	2
22	A nonlinear simulation framework supports adjusting for age when analyzing BrainAGE		2

21	Computational Evidence for Underweighting of Current Error and Overestimation of Future Error in Anxious Individuals. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020 , 5, 412-419	3.4	2
20	Screen media activity does not displace other recreational activities among 9-10 year-old youth: a cross-sectional ABCD study. <i>BMC Public Health</i> , 2020 , 20, 1783	4.1	2
19	Genetic predictors of educational attainment and intelligence test performance predict voter turnout. <i>Nature Human Behaviour</i> , 2021 , 5, 281-291	12.8	2
18	Reliability and stability challenges in ABCD task fMRI data. <i>NeuroImage</i> , 2022 , 252, 119046	7.9	2
17	Longitudinal Impact of Life Events on Adolescent Binge Drinking in the National Consortium on Alcohol and Neurodevelopment in Adolescence (NCANDA). <i>Substance Use and Misuse</i> , 2020 , 55, 1846-1855	2.2	1
16	Measuring retention within the adolescent brain cognitive development (ABCD) study. <i>Developmental Cognitive Neuroscience</i> , 2022 , 54, 101081	5.5	1
15	Demographic and mental health assessments in the adolescent brain and cognitive development study: Updates and age-related trajectories. <i>Developmental Cognitive Neuroscience</i> , 2021 , 52, 101031	5.5	1
14	A Comprehensive Overview of the Physical Health of the Adolescent Brain Cognitive Development Study (ABCD) Cohort at Baseline		1
13	Polygenic risk for neuroticism moderates response to gains and losses in amygdala and caudate: Evidence from a clinical cohort. <i>Journal of Affective Disorders</i> , 2021 , 293, 124-132	6.6	1
12	Vertex-wise multivariate genome-wide association study identifies 780 unique genetic loci associated with cortical morphology. <i>NeuroImage</i> , 2021 , 244, 118603	7.9	1
11	Microstructural development from 9 to 14 years: Evidence from the ABCD Study. <i>Developmental Cognitive Neuroscience</i> , 2021 , 53, 101044	5.5	0
10	A Comprehensive Overview of the Physical Health of the Adolescent Brain Cognitive Development Study Cohort at Baseline. <i>Frontiers in Pediatrics</i> , 2021 , 9, 734184	3.4	0
9	Risk of lead exposure, subcortical brain structure, and cognition in a large cohort of 9- to 10-year-old children. <i>PLoS ONE</i> , 2021 , 16, e0258469	3.7	0
8	The genetic architecture of human cortical folding. <i>Science Advances</i> , 2021 , 7, eabj9446	14.3	0
7	Multivariate genome-wide association study on tissue-sensitive diffusion metrics highlights pathways that shape the human brain. <i>Nature Communications</i> , 2022 , 13, 2423	17.4	0
6	Do aggregate, multimodal structural neuroimaging measures replicate regional developmental differences observed in highly cited cellular histological studies?. <i>Developmental Cognitive Neuroscience</i> , 2022 , 54, 101086	5.5	
5	Functional magnetic resonance imaging data for the association between polygenic risk scores for neuroticism and reward-punishment processing. <i>Data in Brief</i> , 2022 , 42, 108014	1.2	
4	Genome-wide association study identifies 16 genomic regions associated with circulating cytokines at birth 2020 , 16, e1009163		

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- 1 Genome-wide association study identifies 16 genomic regions associated with circulating cytokines at birth **2020**, 16, e1009163