

# Tianye Jia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/190886/publications.pdf>

Version: 2024-02-01

70  
papers

5,442  
citations

186209

28  
h-index

98753

67  
g-index

86  
all docs

86  
docs citations

86  
times ranked

10206  
citing authors

#	ARTICLE	IF	CITATIONS
1	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	13.7	772
2	Correlated gene expression supports synchronous activity in brain networks. <i>Science</i> , 2015, 348, 1241-1244.	6.0	532
3	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	6.0	450
4	Cerebral Micro-Structural Changes in COVID-19 Patients “ An MRI-based 3-month Follow-up Study. <i>EClinicalMedicine</i> , 2020, 25, 100484.	3.2	405
5	Neuropsychosocial profiles of current and future adolescent alcohol misusers. <i>Nature</i> , 2014, 512, 185-189.	13.7	368
6	ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. <i>Translational Psychiatry</i> , 2020, 10, 100.	2.4	365
7	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	5.8	250
8	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	7.1	213
9	<i>KLB</i> is associated with alcohol drinking, and its gene product Klotho is necessary for FGF21 regulation of alcohol preference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14372-14377.	3.3	208
10	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	9.4	192
11	Genome-wide association mapping of agronomic and morphologic traits in highly structured populations of barley cultivars. <i>Theoretical and Applied Genetics</i> , 2012, 124, 233-246.	1.8	122
12	<i>RASGRF2</i> regulates alcohol-induced reinforcement by influencing mesolimbic dopamine neuron activity and dopamine release. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21128-21133.	3.3	90
13	Genetic variants associated with longitudinal changes in brain structure across the lifespan. <i>Nature Neuroscience</i> , 2022, 25, 421-432.	7.1	75
14	Association of Protein Phosphatase <i>PPM1G</i> With Alcohol Use Disorder and Brain Activity During Behavioral Control in a Genome-Wide Methylation Analysis. <i>American Journal of Psychiatry</i> , 2015, 172, 543-552.	4.0	68
15	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020, 11, 4796.	5.8	61
16	<i>Rsu1</i> regulates ethanol consumption in <i>Drosophila</i> and humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4085-93.	3.3	57
17	Single nucleotide polymorphism in the neuroplastin locus associates with cortical thickness and intellectual ability in adolescents. <i>Molecular Psychiatry</i> , 2015, 20, 263-274.	4.1	57
18	Neural Mechanisms of Attention-Deficit/Hyperactivity Disorder Symptoms Are Stratified by MAOA Genotype. <i>Biological Psychiatry</i> , 2013, 74, 607-614.	0.7	54

#	ARTICLE	IF	CITATIONS
19	Oxytocin Receptor Genotype Modulates Ventral Striatal Activity to Social Cues and Response to Stressful Life Events. <i>Biological Psychiatry</i> , 2014, 76, 367-376.	0.7	53
20	Neural basis of reward anticipation and its genetic determinants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3879-3884.	3.3	53
21	Association of a Schizophrenia-Risk Nonsynonymous Variant With Putamen Volume in Adolescents. <i>JAMA Psychiatry</i> , 2019, 76, 435.	6.0	51
22	The IMAGEN study: a decade of imaging genetics in adolescents. <i>Molecular Psychiatry</i> , 2020, 25, 2648-2671.	4.1	46
23	Subthreshold Depression and Regional Brain Volumes in Young Community Adolescents. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2015, 54, 832-840.	0.3	41
24	EFhd2/Swiprosin-1 is a common genetic determinant for sensation-seeking/low anxiety and alcohol addiction. <i>Molecular Psychiatry</i> , 2018, 23, 1303-1319.	4.1	40
25	Identification of neurobehavioural symptom groups based on shared brain mechanisms. <i>Nature Human Behaviour</i> , 2019, 3, 1306-1318.	6.2	37
26	Do ADHD-impulsivity and BMI have shared polygenic and neural correlates?. <i>Molecular Psychiatry</i> , 2021, 26, 1019-1028.	4.1	35
27	Psychosocial Stress and Brain Function in Adolescent Psychopathology. <i>American Journal of Psychiatry</i> , 2017, 174, 785-794.	4.0	34
28	Epigenome-wide meta-analysis of blood DNA methylation and its association with subcortical volumes: findings from the ENIGMA Epigenetics Working Group. <i>Molecular Psychiatry</i> , 2021, 26, 3884-3895.	4.1	34
29	The initiation of cannabis use in adolescence is predicted by sex-specific psychosocial and neurobiological features. <i>European Journal of Neuroscience</i> , 2019, 50, 2346-2356.	1.2	32
30	Oppositional COMT Val158Met effects on resting state functional connectivity in adolescents and adults. <i>Brain Structure and Function</i> , 2016, 221, 103-114.	1.2	31
31	Neural Correlates of Failed Inhibitory Control as an Early Marker of Disordered Eating in Adolescents. <i>Biological Psychiatry</i> , 2019, 85, 956-965.	0.7	29
32	Association of Genetic and Phenotypic Assessments With Onset of Disordered Eating Behaviors and Comorbid Mental Health Problems Among Adolescents. <i>JAMA Network Open</i> , 2020, 3, e2026874.	2.8	26
33	Substance Use Initiation, Particularly Alcohol, in Drug-Naïve Adolescents: Possible Predictors and Consequences From a Large Cohort Naturalistic Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2021, 60, 623-636.	0.3	25
34	Mouse and Human Genetic Analyses Associate Kalirin with Ventral Striatal Activation during Impulsivity and with Alcohol Misuse. <i>Frontiers in Genetics</i> , 2016, 7, 52.	1.1	24
35	Methods for evaluating gene expression from Affymetrix microarray datasets. <i>BMC Bioinformatics</i> , 2008, 9, 284.	1.2	23
36	The Arf6 activator Efa6/PSD3 confers regional specificity and modulates ethanol consumption in <i>Drosophila</i> and humans. <i>Molecular Psychiatry</i> , 2018, 23, 621-628.	4.1	23

#	ARTICLE	IF	CITATIONS
37	Reward Versus Nonreward Sensitivity of the Medial Versus Lateral Orbitofrontal Cortex Relates to the Severity of Depressive Symptoms. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 259-269.	1.1	23
38	Analytical strategies for large imaging genetic datasets: experiences from the IMAGEN study. <i>Annals of the New York Academy of Sciences</i> , 2013, 1282, 92-106.	1.8	22
39	White matter microstructure is associated with hyperactive/inattentive symptomatology and polygenic risk for attention-deficit/hyperactivity disorder in a population-based sample of adolescents. <i>Neuropsychopharmacology</i> , 2019, 44, 1597-1603.	2.8	22
40	Association of Gray Matter and Personality Development With Increased Drunkenness Frequency During Adolescence. <i>JAMA Psychiatry</i> , 2020, 77, 409.	6.0	22
41	A new locus regulating MICALL2 expression was identified for association with executive inhibition in children with attention deficit hyperactivity disorder. <i>Molecular Psychiatry</i> , 2018, 23, 1014-1020.	4.1	21
42	Development of Disordered Eating Behaviors and Comorbid Depressive Symptoms in Adolescence: Neural and Psychopathological Predictors. <i>Biological Psychiatry</i> , 2021, 90, 853-862.	0.7	20
43	Neutral sphingomyelinase mediates the co-morbidity trias of alcohol abuse, major depression and bone defects. <i>Molecular Psychiatry</i> , 2021, 26, 7403-7416.	4.1	20
44	Impact of a Common Genetic Variation Associated With Putamen Volume on Neural Mechanisms of Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2017, 56, 436-444.e4.	0.3	19
45	A translational systems biology approach in both animals and humans identifies a functionally related module of accumbal genes involved in the regulation of reward processing and binge drinking in males. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, 192-202.	1.4	16
46	Low Smoking Exposure, the Adolescent Brain, and the Modulating Role of CHRNA5 Polymorphisms. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 672-679.	1.1	15
47	Neurobehavioural characterisation and stratification of reinforcement-related behaviour. <i>Nature Human Behaviour</i> , 2020, 4, 544-558.	6.2	15
48	Neural network involving medial orbitofrontal cortex and dorsal periaqueductal gray regulation in human alcohol abuse. <i>Science Advances</i> , 2021, 7, .	4.7	15
49	Allele-Specific Methylation of <i>SPDEF</i> : A Novel Moderator of Psychosocial Stress and Substance Abuse. <i>American Journal of Psychiatry</i> , 2019, 176, 146-155.	4.0	14
50	Neural Correlates of the Dual-Pathway Model for ADHD in Adolescents. <i>American Journal of Psychiatry</i> , 2020, 177, 844-854.	4.0	14
51	A neurobiological pathway to smoking in adolescence: TTC12-ANKK1-DRD2 variants and reward response. <i>European Neuropsychopharmacology</i> , 2018, 28, 1103-1114.	0.3	12
52	The effect of Ca on corrosion behavior of heat-treated Mg-Al-Zn alloy. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2012, 63, 497-504.	0.8	11
53	Differential predictors for alcohol use in adolescents as a function of familial risk. <i>Translational Psychiatry</i> , 2021, 11, 157.	2.4	11
54	Methylation of <i>OPRL1</i> mediates the effect of psychosocial stress on binge drinking in adolescents. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2018, 59, 650-658.	3.1	10

#	ARTICLE	IF	CITATIONS
55	The Cortical Neuroimmune Regulator TANK Affects Emotional Processing and Enhances Alcohol Drinking: A Translational Study. <i>Cerebral Cortex</i> , 2019, 29, 1736-1751.	1.6	10
56	GABRB1 Single Nucleotide Polymorphism Associated with Altered Brain Responses (but not) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 T in Behavioral Neuroscience, 2017, 11, 24.	1.0	9
57	Adult alcohol drinking and emotional tone are mediated by neutral sphingomyelinase during development in males. <i>Cerebral Cortex</i> , 2023, 33, 844-864.	1.6	9
58	Increased brain volume from higher cereal and lower coffee intake: shared genetic determinants and impacts on cognition and metabolism. <i>Cerebral Cortex</i> , 2022, 32, 5163-5174.	1.6	8
59	Cannabis-Associated Psychotic-like Experiences Are Mediated by Developmental Changes in the Parahippocampal Gyrus. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2020, 59, 642-649.	0.3	7
60	Inferring linkage disequilibrium from non-random samples. <i>BMC Genomics</i> , 2010, 11, 328.	1.2	6
61	Neural Biomarkers Distinguish Severe From Mild Autism Spectrum Disorder Among High-Functioning Individuals. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 657857.	1.0	6
62	Brain Signatures During Reward Anticipation Predict Persistent Attention-Deficit/Hyperactivity Disorder Symptoms. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2022, 61, 1050-1061.	0.3	6
63	Associations of DNA Methylation With Behavioral Problems, Gray Matter Volumes, and Negative Life Events Across Adolescence: Evidence From the Longitudinal IMAGEN Study. <i>Biological Psychiatry</i> , 2023, 93, 342-351.	0.7	6
64	A robust and efficient statistical method for genetic association studies using case and control samples from multiple cohorts. <i>BMC Genomics</i> , 2013, 14, 88.	1.2	5
65	Association between childhood trauma and risk for obesity: a putative neurocognitive developmental pathway. <i>BMC Medicine</i> , 2020, 18, 278.	2.3	5
66	A Robust Statistical Method for Association-Based eQTL Analysis. <i>PLoS ONE</i> , 2011, 6, e23192.	1.1	5
67	Letter response to the brain after COVID-19: Compensatory neurogenesis or persistent neuroinflammation?. <i>EClinicalMedicine</i> , 2021, 31, 100687.	3.2	4
68	Sex differences in neural correlates of common psychopathological symptoms in early adolescence. <i>Psychological Medicine</i> , 2022, 52, 3086-3096.	2.7	3
69	A model-based approach to assess reproducibility for large-scale high-throughput MRI-based studies. <i>NeuroImage</i> , 2022, 255, 119166.	2.1	3
70	Cerebral Micro-Structural Changes in COVID-19 Patients: An MRI-Based Preliminary Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0