

Ke Xu

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

8,581
citations

94433

37
h-index

45317

90
g-index

111
all docs

111
docs citations

111
times ranked

11059
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel graph-based k-partitioning approach improves the detection of gene-gene correlations by single-cell RNA sequencing. <i>BMC Genomics</i> , 2022, 23, 35.	2.8	5
2	Epigenome-wide association study of posttraumatic stress disorder identifies novel loci in U.S. military veterans. <i>Translational Psychiatry</i> , 2022, 12, 65.	4.8	10
3	A new monocyte epigenetic clock reveals nonlinear effects of alcohol consumption on biological aging in three independent cohorts (<i>N</i>=2242). <i>Alcoholism: Clinical and Experimental Research</i> , 2022, 46, 736-748.	2.4	9
4	Biological ageing with HIV infection: evaluating the geroscience hypothesis. <i>The Lancet Healthy Longevity</i> , 2022, 3, e194-e205.	4.6	20
5	Incorporating local ancestry improves identification of ancestry-associated methylation signatures and meQTLs in African Americans. <i>Communications Biology</i> , 2022, 5, 401.	4.4	3
6	The Stress and Resilience Town Hall: A systems response to support the health workforce during COVID-19 and beyond. <i>General Hospital Psychiatry</i> , 2022, 77, 80-87.	2.4	5
7	DNA methylation biomarker selected by an ensemble machine learning approach predicts mortality risk in an HIV-positive veteran population. <i>Epigenetics</i> , 2021, 16, 741-753.	2.7	9
8	DNA methylation signature on phosphatidylethanol, not on self-reported alcohol consumption, predicts hazardous alcohol consumption in two distinct populations. <i>Molecular Psychiatry</i> , 2021, 26, 2238-2253.	7.9	20
9	Design of the national adaptive trial for PTSD-related insomnia (NAP study), VA cooperative study program (CSP) #2016. <i>Contemporary Clinical Trials</i> , 2021, 109, 106540.	1.8	0
10	i2d: an R package for simulating data from images and the implications in biomedical research. <i>Bioinformatics</i> , 2021, 37, 2497-2498.	4.1	0
11	Psychological and biological resilience modulates the effects of stress on epigenetic aging. <i>Translational Psychiatry</i> , 2021, 11, 601.	4.8	44
12	Brush swab as a noninvasive surrogate for tissue biopsies in epigenomic profiling of oral cancer. <i>Biomarker Research</i> , 2021, 9, 90.	6.8	7
13	Epigenetic Associations With Estimated Glomerular Filtration Rate Among Men With Human Immunodeficiency Virus Infection. <i>Clinical Infectious Diseases</i> , 2020, 70, 667-673.	5.8	21
14	Chronic ketamine abuse is associated with orexin-A reduction and ACTH elevation. <i>Psychopharmacology</i> , 2020, 237, 45-53.	3.1	12
15	Association of Craving and Depressive Symptoms in Ketamine-Dependent Patients Undergoing Withdrawal Treatment. <i>American Journal on Addictions</i> , 2020, 29, 43-50.	1.4	20
16	Genome-wide association study of smoking trajectory and meta-analysis of smoking status in 842,000 individuals. <i>Nature Communications</i> , 2020, 11, 5302.	12.8	59
17	Comparison of methylation capture sequencing and Infinium MethylationEPIC array in peripheral blood mononuclear cells. <i>Epigenetics and Chromatin</i> , 2020, 13, 51.	3.9	26
18	DNA methylation mediates the effect of cocaine use on HIV severity. <i>Clinical Epigenetics</i> , 2020, 12, 140.	4.1	14

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19	Searching for Genomic Biomarkers for Major Depressive Disorder in Peripheral Immune Cells. <i>Biological Psychiatry</i> , 2020, 88, 591-593.	1.3	1
20	Association of <i>OPRM1</i> Functional Coding Variant With Opioid Use Disorder. <i>JAMA Psychiatry</i> , 2020, 77, 1072.	11.0	135
21	Single-cell Transcriptome Mapping Identifies Common and Cell-type Specific Genes Affected by Acute Delta9-tetrahydrocannabinol in Humans. <i>Scientific Reports</i> , 2020, 10, 3450.	3.3	17
22	Gene selection for optimal prediction of cell position in tissues from single-cell transcriptomics data. <i>Life Science Alliance</i> , 2020, 3, e202000867.	2.8	20
23	Epigenome-Wide <i>scp</i> DNA Methylation Association Analysis Identified Novel Loci in Peripheral Cells for Alcohol Consumption Among European American Male Veterans. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 2111-2121.	2.4	27
24	Genome-wide association study of alcohol consumption and use disorder in 274,424 individuals from multiple populations. <i>Nature Communications</i> , 2019, 10, 1499.	12.8	346
25	Retrospective Association Analysis of Longitudinal Binary Traits Identifies Important Loci and Pathways in Cocaine Use. <i>Genetics</i> , 2019, 213, 1225-1236.	2.9	13
26	DNA Methylation Markers of Type 2 Diabetes Mellitus Among Male Veterans With or Without Human Immunodeficiency Virus Infection. <i>Journal of Infectious Diseases</i> , 2019, 219, 1959-1962.	4.0	20
27	Using DNA methylation to validate an electronic medical record phenotype for smoking. <i>Addiction Biology</i> , 2019, 24, 1056-1065.	2.6	11
28	Similar psychotic and cognitive profile between ketamine dependence with persistent psychosis and schizophrenia. <i>Schizophrenia Research</i> , 2018, 199, 313-318.	2.0	37
29	Cognitive profile of ketamine-dependent patients compared with methamphetamine-dependent patients and healthy controls. <i>Psychopharmacology</i> , 2018, 235, 2113-2121.	3.1	26
30	Epigenome-wide association analysis revealed that SOCS3 methylation influences the effect of cumulative stress on obesity. <i>Biological Psychology</i> , 2018, 131, 63-71.	2.2	49
31	Machine learning selected smoking-associated DNA methylation signatures that predict HIV prognosis and mortality. <i>Clinical Epigenetics</i> , 2018, 10, 155.	4.1	37
32	Decreased Blood Levels of Oxytocin in Ketamine-Dependent Patients During Early Abstinence. <i>Frontiers in Psychiatry</i> , 2018, 9, 633.	2.6	14
33	The profile of cognitive impairments in chronic ketamine users. <i>Psychiatry Research</i> , 2018, 266, 124-131.	3.3	44
34	AUDIT and ICD codes as phenotypes for harmful alcohol use: association with <i>ADH1B</i> polymorphisms in two US populations. <i>Addiction</i> , 2018, 113, 2214-2224.	3.3	24
35	Validating Harmful Alcohol Use as a Phenotype for Genetic Discovery Using Phosphatidylethanol and a Polymorphism in <i>ADH1B</i> . <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 998-1003.	2.4	15
36	Alcohol Triggers Reemergence of Ketamine-Like Experience in a Ketamine Ex-User. <i>Journal of Clinical Psychopharmacology</i> , 2017, 37, 110-112.	1.4	3

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37	Identification of HIV infection-related DNA methylation sites and advanced epigenetic aging in HIV-positive, treatment-naive U.S. veterans. <i>Aids</i> , 2017, 31, 571-575.	2.2	49
38	Longitudinal SNP-set association analysis of quantitative phenotypes. <i>Genetic Epidemiology</i> , 2017, 41, 81-93.	1.3	13
39	DNA methylation signatures of illicit drug injection and hepatitis C are associated with HIV frailty. <i>Nature Communications</i> , 2017, 8, 2243.	12.8	32
40	Epigenome-wide differential DNA methylation between HIV-infected and uninfected individuals. <i>Epigenetics</i> , 2016, 11, 750-760.	2.7	78
41	Profiling the psychotic, depressive and anxiety symptoms in chronic ketamine users. <i>Psychiatry Research</i> , 2016, 237, 311-315.	3.3	37
42	Genomewide Association Study for Maximum Number of Alcoholic Drinks in European Americans and African Americans. <i>Alcoholism: Clinical and Experimental Research</i> , 2015, 39, 1137-1147.	2.4	58
43	The Effects of BDNF Val66Met Gene Polymorphism on Serum BDNF and Cognitive Function in Methamphetamine-Dependent Patients and Normal Controls. <i>Journal of Clinical Psychopharmacology</i> , 2015, 35, 517-524.	1.4	20
44	Effect of Tricuspid Regurgitation and the Right Heart on Survival After Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2015, 8, .	3.9	148
45	Relationship of serum levels of TNF- α , IL-6 and IL-18 and schizophrenia-like symptoms in chronic ketamine abusers. <i>Schizophrenia Research</i> , 2015, 169, 10-15.	2.0	13
46	Preliminary analysis of positive and negative syndrome scale in ketamine-associated psychosis in comparison with schizophrenia. <i>Journal of Psychiatric Research</i> , 2015, 61, 64-72.	3.1	50
47	Serum level of vascular endothelial growth factor decreased in chronic ketamine abusers. <i>Drug and Alcohol Dependence</i> , 2015, 152, 57-61.	3.2	8
48	The analysis of BDNF gene polymorphism haplotypes and impulsivity in methamphetamine abusers. <i>Comprehensive Psychiatry</i> , 2015, 59, 62-67.	3.1	11
49	Repeated ketamine administration alters <i>NR1B</i> -methylated aspartic acid receptor subunit gene expression: Implication of genetic vulnerability for ketamine abuse and ketamine psychosis in humans. <i>Experimental Biology and Medicine</i> , 2015, 240, 145-155.	2.4	46
50	Development of a checklist of short-term and long-term psychological symptoms associated with ketamine use. <i>Shanghai Archives of Psychiatry</i> , 2015, 27, 186-94.	0.7	5
51	Targeting KRAS mutant non-small cell lung cancer (NSCLC) with deltarasin: A small molecule inhibitor of KRAS-PDE1 γ interaction.. <i>Journal of Clinical Oncology</i> , 2015, 33, e13597-e13597.	1.6	1
52	Impact of Aortic Annulus Size on Valve Hemodynamics and Clinical Outcomes After Transcatheter and Surgical Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 701-711.	3.9	90
53	The Joint Effects of <i>ADH1B</i> Variants and Childhood Adversity on Alcohol Related Phenotypes in African-American and European-American Women and Men. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 2907-2914.	2.4	28
54	Serum brain-derived neurotrophic factor and nerve growth factor decreased in chronic ketamine abusers. <i>Drug and Alcohol Dependence</i> , 2014, 142, 290-294.	3.2	30

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55	An association between BDNF Val66Met polymorphism and impulsivity in methamphetamine abusers. <i>Neuroscience Letters</i> , 2014, 582, 16-20.	2.1	22
56	Improvement of quality of life in methadone treatment patients in northern Taiwan: a follow-up study. <i>BMC Psychiatry</i> , 2013, 13, 190.	2.6	34
57	A variant on the kappa opioid receptor gene (OPRK1) is associated with stress response and related drug craving, limbic brain activation and cocaine relapse risk. <i>Translational Psychiatry</i> , 2013, 3, e292-e292.	4.8	49
58	Rater Evaluations for Psychiatric Instruments and Cultural Differences. <i>Journal of Nervous and Mental Disease</i> , 2012, 200, 814-820.	1.0	6
59	Cognitive and serum BDNF correlates of BDNF Val66Met gene polymorphism in patients with schizophrenia and normal controls. <i>Human Genetics</i> , 2012, 131, 1187-1195.	3.8	103
60	Novelty seeking involved in mediating the association between COMT gene and onset age of drug use in Chinese heroin-dependent patients. <i>Neuroscience Research</i> , 2011, 71, e398.	1.9	0
61	Comparing the PANSS in Chinese and American inpatients: Cross-cultural psychiatric analyses of instrument translation and implementation. <i>Schizophrenia Research</i> , 2011, 132, 146-152.	2.0	22
62	Role of Novelty Seeking Personality Traits as Mediator of the Association between COMT and Onset Age of Drug Use in Chinese Heroin Dependent Patients. <i>PLoS ONE</i> , 2011, 6, e22923.	2.5	19
63	Cognitive effects of genetic variation in monoamine neurotransmitter systems: A population-based study of <i>COMT</i> , <i>MAOA</i> , and <i>5HTTLPR</i> . <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2011, 156, 158-167.	1.7	41
64	Effects of Catechol-O-Methyltransferase on Normal Variation in the Cognitive Function of Children. <i>American Journal of Psychiatry</i> , 2009, 166, 909-916.	7.2	61
65	Emotional symptoms in children: The effect of maternal depression, life events, and COMT genotype. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009, 150B, 209-218.	1.7	21
66	Zhou et al. reply. <i>Nature</i> , 2009, 458, E7-E7.	27.8	1
67	Genetic variation in human NPY expression affects stress response and emotion. <i>Nature</i> , 2008, 452, 997-1001.	27.8	387
68	BHLHB2 Controls <i>Bdnf</i> Promoter 4 Activity and Neuronal Excitability. <i>Journal of Neuroscience</i> , 2008, 28, 1118-1130.	3.6	83
69	Association between ADORA2A and DRD2 Polymorphisms and Caffeine-Induced Anxiety. <i>Neuropsychopharmacology</i> , 2008, 33, 2791-2800.	5.4	209
70	Addictions Biology: Haplotype-Based Analysis for 130 Candidate Genes on a Single Array. <i>Alcohol and Alcoholism</i> , 2008, 43, 505-515.	1.6	222
71	Gender-Specific Effects of the Catechol-O-Methyltransferase <i>Val</i> ^{108/158} <i>Met</i> Polymorphism on Cognitive Function in Children. <i>American Journal of Psychiatry</i> , 2007, 164, 142-149.	7.2	115
72	Irritable assault and variation in the COMT gene. <i>Psychiatric Genetics</i> , 2007, 17, 344-346.	1.1	13

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73	Diploypes of the Human Serotonin 1B Receptor Promoter Predict Growth Hormone Responses to Sumatriptan in Abstinent Alcohol-Dependent Men. <i>Biological Psychiatry</i> , 2007, 61, 974-978.	1.3	7
74	Minor differences in haplotype frequency estimates can produce very large differences in heterogeneity test statistics. <i>BMC Genetics</i> , 2007, 8, 38.	2.7	12
75	Using ancestry-informative markers to define populations and detect population stratification. <i>Journal of Psychopharmacology</i> , 2006, 20, 19-26.	4.0	115
76	Serotonin Transporter Promoter Gain-of-Function Genotypes Are Linked to Obsessive-Compulsive Disorder. <i>American Journal of Human Genetics</i> , 2006, 78, 815-826.	6.2	1,032
77	Catechol-O-methyltransferase Val158Met genotype variation is associated with prefrontal-dependent task performance in schizotypal personality disorder patients and comparison groups. <i>Psychiatric Genetics</i> , 2006, 16, 117-124.	1.1	40
78	Imaging Genomics Applied to Anxiety, Stress Response, and Resiliency. <i>Neuroinformatics</i> , 2006, 4, 51-64.	2.8	31
79	DRD2 Promoter Region Variation as a Predictor of Sustained Response to Antipsychotic Medication in First-Episode Schizophrenia Patients. <i>American Journal of Psychiatry</i> , 2006, 163, 529-531.	7.2	146
80	Estimation of Haplotypes at DRD2 May Have Produced Misleading Resultsâ€”Reply. <i>Archives of General Psychiatry</i> , 2006, 63, 939.	12.3	0
81	Association of COMT Val158Met Genotype With Executive Functioning Following Traumatic Brain Injury. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2005, 17, 465-471.	1.8	90
82	Genomics and variation of ionotropic glutamate receptors: implications for neuroplasticity. <i>Amino Acids</i> , 2005, 28, 169-175.	2.7	7
83	Genetic basis for individual variations in pain perception and the development of a chronic pain condition. <i>Human Molecular Genetics</i> , 2005, 14, 135-143.	2.9	1,134
84	BDNF Variation and Mood Disorders: A Novel Functional Promoter Polymorphism and Val66Met are Associated with Anxiety but Have Opposing Effects. <i>Neuropsychopharmacology</i> , 2005, 30, 1353-1361.	5.4	223
85	Association of Specific Haplotypes of D2 Dopamine Receptor Gene With Vulnerability to Heroin Dependence in 2 Distinct Populations. <i>Archives of General Psychiatry</i> , 2004, 61, 597.	12.3	119
86	Differential expression of human COMT alleles in brain and lymphoblasts detected by RT-coupled 5' nuclease assay. <i>Psychopharmacology</i> , 2004, 177, 178-184.	3.1	55
87	Genetic influence on variability in human acute experimental pain sensitivity associated with gender, ethnicity and psychological temperament. <i>Pain</i> , 2004, 109, 488-496.	4.2	355
88	Association of the G1947A COMT (Val108/158Met) gene polymorphism with prefrontal P300 during information processing. <i>Biological Psychiatry</i> , 2003, 54, 40-48.	1.3	160
89	COMT <i>val</i> ¹⁵⁸ <i>met</i> Genotype Affects $\hat{\mu}$ -Opioid Neurotransmitter Responses to a Pain Stressor. <i>Science</i> , 2003, 299, 1240-1243.	12.6	1,025
90	Genetic origins of anxiety in women: a role for a functional catechol-O-methyltransferase polymorphism. <i>Psychiatric Genetics</i> , 2003, 13, 33-41.	1.1	250

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91	Relationship of the delta-opioid receptor gene to heroin abuse in a large Chinese case/control sample. American Journal of Medical Genetics Part A, 2002, 110, 45-50.	2.4	46
92	Immune related genetic polymorphisms and schizophrenia among the Chinese. Human Immunology, 2001, 62, 714-724.	2.4	32
93	DNA Melting Analysis for Detection of Single Nucleotide Polymorphisms. Clinical Chemistry, 2001, 47, 635-644.	3.2	92
94	Nuclear factor $\hat{\text{B}}$ is a critical determinant in N-methyl-d-aspartate receptor-mediated neuroprotection. Journal of Neurochemistry, 2001, 78, 254-264.	3.9	155
95	Catechol-O-methyltransferase Vall58Met polymorphism: frequency analysis in Han Chinese subjects and allelic association of the low activity allele with bipolar affective disorder. Pharmacogenetics and Genomics, 1997, 7, 349-353.	5.7	93
96	DNA methylation signatures analysis with Illumina Infinium MethylationEPIC and Infinium Human Methylation 450K BeadChip. Protocol Exchange, 0, , .	0.3	1
97	Functional alleles, neuroimaging and intermediate phenotypes in the deconstruction of complex behavioral variation. , 0, , 365-382.		0