

Yongchao Ge

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

16,460
citations

136950

32
h-index

91884

69
g-index

80
all docs

80
docs citations

80
times ranked

33782
citing authors

#	ARTICLE	IF	CITATIONS
1	Contribution of Age, Brain Region, Mood Disorder Pathology, and Interindividual Factors on the Methylome of Human Microglia. <i>Biological Psychiatry</i> , 2022, 91, 572-581.	1.3	12
2	Optimization of the Omni-ATAC protocol to chromatin accessibility profiling in snap-frozen rat adipose and muscle tissues. <i>MethodsX</i> , 2022, 9, 101681.	1.6	1
3	Asymptomatic SARS-CoV-2 Infection Is Associated With Higher Levels of Serum IL-17C, Matrix Metalloproteinase 10 and Fibroblast Growth Factors Than Mild Symptomatic COVID-19. <i>Frontiers in Immunology</i> , 2022, 13, 821730.	4.8	21
4	Transcription factor GATA2 may potentiate follicle-stimulating hormone production in mice via induction of the BMP antagonist gremlin in gonadotrope cells. <i>Journal of Biological Chemistry</i> , 2022, 298, 102072.	3.4	5
5	Lessons Learned From a Prospective Observational Study of U.S. Marine Recruits During a Supervised Quarantine, Spring-Fall 2020. , 2022, 1, 100003.		0
6	Earlier detection of SARS-CoV-2 infection by blood RNA signature microfluidics assay. <i>Clinical and Translational Discovery</i> , 2022, 2, .	0.5	2
7	The association of childhood trauma with sleep disturbances and risk of suicide in US veterans. <i>Journal of Psychiatric Research</i> , 2021, 136, 54-62.	3.1	8
8	SARS-CoV-2 Seropositivity among US Marine Recruits Attending Basic Training, United States, Spring-Fall 2020. <i>Emerging Infectious Diseases</i> , 2021, 27, 1188-1192.	4.3	13
9	Viable virus shedding during SARS-CoV-2 reinfection. <i>Lancet Respiratory Medicine</i> , the, 2021, 9, e56-e57.	10.7	11
10	Antibody Responses to SARS-CoV-2 Following an Outbreak Among Marine Recruits With Asymptomatic or Mild Infection. <i>Frontiers in Immunology</i> , 2021, 12, 681586.	4.8	6
11	Bisulfite Amplicon Sequencing Can Detect Glia and Neuron Cell-Free DNA in Blood Plasma. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 672614.	2.9	12
12	SARS-CoV-2 seropositivity and subsequent infection risk in healthy young adults: a prospective cohort study. <i>Lancet Respiratory Medicine</i> , the, 2021, 9, 712-720.	10.7	136
13	Attenuated activation of pulmonary immune cells in mRNA-1273-vaccinated hamsters after SARS-CoV-2 infection. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	23
14	Differential analysis of chromatin accessibility and gene expression profiles identifies cis-regulatory elements in rat adipose and muscle. <i>Genomics</i> , 2021, 113, 3827-3841.	2.9	11
15	Penetrating Ballistic Brain Injury Produces Acute Alterations in Sleep and Circadian-Related Genes in the Rodent Cortex: A Preliminary Study. <i>Frontiers in Neurology</i> , 2021, 12, 745330.	2.4	4
16	Acute and Chronic Molecular Signatures and Associated Symptoms of Blast Exposure in Military Breachers. <i>Journal of Neurotrauma</i> , 2020, 37, 1221-1232.	3.4	41
17	Skeletal muscle transcriptional networks linked to type I myofiber grouping in Parkinson's disease. <i>Journal of Applied Physiology</i> , 2020, 128, 229-240.	2.5	18
18	SAT-298 Integrative Single-Cell Transcriptomic and Epigenomic Landscape of Mouse Anterior Pituitary Cell Types. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.2	0

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19	SARS-CoV-2 Transmission among Marine Recruits during Quarantine. <i>New England Journal of Medicine</i> , 2020, 383, 2407-2416.	27.0	94
20	Blast-Related Mild TBI Alters Anxiety-Like Behavior and Transcriptional Signatures in the Rat Amygdala. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 160.	2.0	20
21	DNA Methylation Patterns of Chronic Explosive Breaching in U.S. Military Warfighters. <i>Frontiers in Neurology</i> , 2020, 11, 1010.	2.4	4
22	Molecular Transducers of Physical Activity Consortium (MoTrPAC): Mapping the Dynamic Responses to Exercise. <i>Cell</i> , 2020, 181, 1464-1474.	28.9	147
23	Biosignatures of Stress in Suicide Neuropathology. <i>Biological Psychiatry</i> , 2020, 87, S145-S146.	1.3	1
24	Rehabilitative Impact of Exercise Training on Human Skeletal Muscle Transcriptional Programs in Parkinson's Disease. <i>Frontiers in Physiology</i> , 2020, 11, 653.	2.8	15
25	Sedentary and Trained Older Men Have Distinct Circulating Exosomal microRNA Profiles at Baseline and in Response to Acute Exercise. <i>Frontiers in Physiology</i> , 2020, 11, 605.	2.8	52
26	0012 Molecular Correlates of Operational Blast and Associated Sleep Disturbances. <i>Sleep</i> , 2019, 42, A5-A5.	1.1	0
27	Cytogenetic, Genomic, and Functional Characterization of Pituitary Gonadotrope Cell Lines. <i>Journal of the Endocrine Society</i> , 2019, 3, 902-920.	0.2	13
28	Brain Imaging-Guided Analysis Reveals DNA Methylation Profiles Correlated with Insular Surface Area and Alcohol Use Disorder. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 628-639.	2.4	3
29	Single-cell stabilization method identifies gonadotrope transcriptional dynamics and pituitary cell type heterogeneity. <i>Nucleic Acids Research</i> , 2018, 46, 11370-11380.	14.5	21
30	Ex vivo human HSC expansion requires coordination of cellular reprogramming with mitochondrial remodeling and p53 activation. <i>Blood Advances</i> , 2018, 2, 2766-2779.	5.2	48
31	Regulatory Architecture of the L ^H T2 Gonadotrope Cell Underlying the Response to Gonadotropin-Releasing Hormone. <i>Frontiers in Endocrinology</i> , 2018, 9, 34.	3.5	15
32	Biopsy transcriptome expression profiling: proper validation is key – Authors' reply. <i>Lancet, The</i> , 2017, 389, 601.	13.7	2
33	In utero exposure to maternal smoking is associated with DNA methylation alterations and reduced neuronal content in the developing fetal brain. <i>Epigenetics and Chromatin</i> , 2017, 10, 4.	3.9	74
34	Antipsychotic-induced Hdac2 transcription via NF- κ B leads to synaptic and cognitive side effects. <i>Nature Neuroscience</i> , 2017, 20, 1247-1259.	14.8	79
35	Alterations of miRNAs reveal a dysregulated molecular regulatory network in Parkinson's disease striatum. <i>Neuroscience Letters</i> , 2016, 629, 99-104.	2.1	54
36	Biopsy transcriptome expression profiling to identify kidney transplants at risk of chronic injury: a multicentre, prospective study. <i>Lancet, The</i> , 2016, 388, 983-993.	13.7	148

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37	Perfluoroalkyl substance serum concentrations and immune response to FluMist vaccination among healthy adults. <i>Environmental Research</i> , 2016, 149, 171-178.	7.5	31
38	Allosteric signaling through an mGlu2 and 5-HT _{2A} heteromeric receptor complex and its potential contribution to schizophrenia. <i>Science Signaling</i> , 2016, 9, ra5.	3.6	91
39	Neuronal DNA Methylation Profiling of Blast-Related Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2015, 32, 1200-1209.	3.4	60
40	Decrease of mRNA Editing after Spinal Cord Injury is Caused by Down-regulation of ADAR2 that is Triggered by Inflammatory Response. <i>Scientific Reports</i> , 2015, 5, 12615.	3.3	27
41	Low-variance RNAs identify Parkinson's disease molecular signature in blood. <i>Movement Disorders</i> , 2015, 30, 813-821.	3.9	18
42	Single-cell analysis shows that paracrine signaling by first responder cells shapes the interferon- β response to viral infection. <i>Science Signaling</i> , 2015, 8, ra16.	3.6	73
43	Age-related sperm DNA methylation changes are transmitted to offspring and associated with abnormal behavior and dysregulated gene expression. <i>Molecular Psychiatry</i> , 2015, 20, 995-1001.	7.9	144
44	Human Cytomegalovirus Modulates Monocyte-Mediated Innate Immune Responses during Short-Term Experimental Latency <i>In Vitro</i> . <i>Journal of Virology</i> , 2014, 88, 9391-9405.	3.4	41
45	Increased DNA methylation in the suicide brain. <i>Dialogues in Clinical Neuroscience</i> , 2014, 16, 430-438.	3.7	74
46	Critical assessment of automated flow cytometry data analysis techniques. <i>Nature Methods</i> , 2013, 10, 228-238.	19.0	509
47	Localized Mucosal Response to Intranasal Live Attenuated Influenza Vaccine in Adults. <i>Journal of Infectious Diseases</i> , 2013, 207, 115-124.	4.0	97
48	Control of the False Discovery Proportion for Independently Tested Null Hypotheses. <i>Journal of Probability and Statistics</i> , 2012, 2012, 1-19.	0.7	6
49	MethylomeDB: a database of DNA methylation profiles of the brain. <i>Nucleic Acids Research</i> , 2012, 40, D1245-D1249.	14.5	62
50	Involvement of Histone Demethylase LSD1 in Short-Time-Scale Gene Expression Changes during Cell Cycle Progression in Embryonic Stem Cells. <i>Molecular and Cellular Biology</i> , 2012, 32, 4861-4876.	2.3	32
51	flowPeaks: a fast unsupervised clustering for flow cytometry data via <i>k</i> -means and density peak finding. <i>Bioinformatics</i> , 2012, 28, 2052-2058.	4.1	123
52	Compensatory redistribution of neuroligins and N-cadherin following deletion of synaptic β 1-integrin. <i>Journal of Comparative Neurology</i> , 2012, 520, 2041-2052.	1.6	54
53	Wdr5 Mediates Self-Renewal and Reprogramming via the Embryonic Stem Cell Core Transcriptional Network. <i>Cell</i> , 2011, 145, 183-197.	28.9	521
54	Nonsense mutations of the bHLH transcription factor TWIST2 found in Setleis Syndrome patients cause dysregulation of periostin. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 1523-1531.	2.8	18

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55	Retinal Gene Expression Changes Related to IOP Exposure and Axonal Loss in DBA/2J Mice. , 2011, 52, 7807.		24
56	Gene Expression Changes in Steroid-Induced IOP Elevation in Bovine Trabecular Meshwork. , 2011, 52, 8636.		28
57	Role of CpG context and content in evolutionary signatures of brain DNA methylation. Epigenetics, 2011, 6, 1308-1318.	2.7	30
58	Methyl-Analyzerâ€™whole genome DNA methylation profiling. Bioinformatics, 2011, 27, 2296-2297.	4.1	8
59	Peripheral Blood Cytokine Profiling During Pregnancy and Postâ€™partum Periods. American Journal of Reproductive Immunology, 2010, 64, 411-426.	1.2	112
60	Patient-specific induced pluripotent stem-cell-derived models of LEOPARD syndrome. Nature, 2010, 465, 808-812.	27.8	672
61	Gene Expression Changes in Areas of Focal Loss of Retinal Ganglion Cells in the Retina of DBA/2J Mice. , 2010, 51, 2024.		47
62	Coregulation mapping based on individual phenotypic variation in response to virus infection. Immunome Research, 2010, 6, 2.	0.1	4
63	Multiple testing and its applications to microarrays. Statistical Methods in Medical Research, 2009, 18, 543-563.	1.5	22
64	Requirement for Protein Synthesis at Developing Synapses. Journal of Neuroscience, 2009, 29, 9778-9793.	3.6	32
65	Development of a novel peptide microarray for large-scale epitope mapping of food allergens. Journal of Allergy and Clinical Immunology, 2009, 124, 315-322.e3.	2.9	115
66	ERM proteins regulate growth cone responses to Sema3A. Journal of Comparative Neurology, 2008, 510, 351-366.	1.6	30
67	A Comprehensive Evaluation of Human Plasmacytoid Dendritic Cells Using Small Volumes of Human Blood. Journal of Interferon and Cytokine Research, 2008, 28, 501-508.	1.2	0
68	SOME STEP-DOWN PROCEDURES CONTROLLING THE FALSE DISCOVERY RATE UNDER DEPENDENCE. Statistica Sinica, 2008, 18, 881-904.	0.3	33
69	Evolutionary History of Mammalian Transposons Determined by Genome-Wide Defragmentation. PLoS Computational Biology, 2007, 3, e137.	3.2	124
70	Hallucinogens Recruit Specific Cortical 5-HT2A Receptor-Mediated Signaling Pathways to Affect Behavior. Neuron, 2007, 53, 439-452.	8.1	692
71	Noise Propagation and Scaling in Regulation of Gonadotrope Biosynthesis. Biophysical Journal, 2007, 93, 4474-4480.	0.5	23
72	A Holm-type procedure controlling the false discovery rate. Statistics and Probability Letters, 2007, 77, 1756-1762.	0.7	3

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73	Effective Use of Microarrays in Neuroendocrine Research. <i>Journal of Neuroendocrinology</i> , 2007, 19, 145-161.	2.6	4
74	Mixed Analog/Digital Gonadotrope Biosynthetic Response to Gonadotropin-releasing Hormone. <i>Journal of Biological Chemistry</i> , 2006, 281, 30967-30978.	3.4	46
75	Bioconductor: open software development for computational biology and bioinformatics. <i>Genome Biology</i> , 2004, 5, R80.	9.6	10,796
76	Resampling-based multiple testing for microarray data analysis. <i>Test</i> , 2003, 12, 1-77.	1.1	416
77	Molecular Analysis of Gene Expression in the Developing Pontocerebellar Projection System. <i>Neuron</i> , 2002, 36, 417-434.	8.1	84