

# Guiyou Liu

## List of Publications by Year in descending order

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104  
papers

3,396  
citations

117453

34  
h-index

168136

53  
g-index

107  
all docs

107  
docs citations

107  
times ranked

3668  
citing authors

#	ARTICLE	IF	CITATIONS
1	LncRNA2Target v2.0: a comprehensive database for target genes of lncRNAs in human and mouse. <i>Nucleic Acids Research</i> , 2019, 47, D140-D144.	6.5	311
2	Prediction of Antimicrobial Peptides Based on Sequence Alignment and Feature Selection Methods. <i>PLoS ONE</i> , 2011, 6, e18476.	1.1	164
3	Alzheimer's Disease Variants with the Genome-Wide Significance are Significantly Enriched in Immune Pathways and Active in Immune Cells. <i>Molecular Neurobiology</i> , 2017, 54, 594-600.	1.9	131
4	LncRNA2Target: a database for differentially expressed genes after lncRNA knockdown or overexpression. <i>Nucleic Acids Research</i> , 2015, 43, D193-D196.	6.5	124
5	mTORC1 pathway disruption ameliorates brain inflammation following stroke via a shift in microglia phenotype from M1 type to M2 type. <i>FASEB Journal</i> , 2016, 30, 3388-3399.	0.2	119
6	Cardiovascular disease contributes to Alzheimer's disease: evidence from large-scale genome-wide association studies. <i>Neurobiology of Aging</i> , 2014, 35, 786-792.	1.5	103
7	Cell adhesion molecules contribute to Alzheimer's disease: multiple pathway analyses of two genome-wide association studies. <i>Journal of Neurochemistry</i> , 2012, 120, 190-198.	2.1	86
8	PICALM Gene rs3851179 Polymorphism Contributes to Alzheimer's Disease in an Asian Population. <i>NeuroMolecular Medicine</i> , 2013, 15, 384-388.	1.8	84
9	LincMAF4 regulates T <sub>H</sub> 1/T <sub>H</sub> 2 differentiation and is associated with the pathogenesis of multiple sclerosis by targeting MAF. <i>FASEB Journal</i> , 2017, 31, 519-525.	0.2	78
10	PICALM rs3851179 Variant Confers Susceptibility to Alzheimer's Disease in Chinese Population. <i>Molecular Neurobiology</i> , 2017, 54, 3131-3136.	1.9	66
11	Integrating genome-wide association studies and gene expression data highlights dysregulated multiple sclerosis risk pathways. <i>Multiple Sclerosis Journal</i> , 2017, 23, 205-212.	1.4	62
12	Convergent Genetic and Expression Datasets Highlight TREM2 in Parkinson's Disease Susceptibility. <i>Molecular Neurobiology</i> , 2016, 53, 4931-4938.	1.9	60
13	rs1990622 variant associates with Alzheimer's disease and regulates TMEM106B expression in human brain tissues. <i>BMC Medicine</i> , 2021, 19, 11.	2.3	57
14	The CLU Gene rs11136000 Variant is Significantly Associated with Alzheimer's Disease in Caucasian and Asian Populations. <i>NeuroMolecular Medicine</i> , 2014, 16, 52-60.	1.8	55
15	Alzheimer's Disease rs11767557 Variant Regulates EPHA1 Gene Expression Specifically in Human Whole Blood. <i>Journal of Alzheimer's Disease</i> , 2018, 61, 1077-1088.	1.2	55
16	Analyzing 54,936 Samples Supports the Association Between CD2AP rs9349407 Polymorphism and Alzheimer's Disease Susceptibility. <i>Molecular Neurobiology</i> , 2015, 52, 1-7.	1.9	54
17	Circulating vitamin E levels and Alzheimer's disease: a Mendelian randomization study. <i>Neurobiology of Aging</i> , 2018, 72, 189.e1-189.e9.	1.5	53
18	An Updated Analysis with 85,939 Samples Confirms the Association Between CR1 rs6656401 Polymorphism and Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2015, 51, 1017-1023.	1.9	51

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19	DDIT4 and Associated IncDDIT4 Modulate Th17 Differentiation through the DDIT4/TSC/mTOR Pathway. <i>Journal of Immunology</i> , 2018, 200, 1618-1626.	0.4	50
20	rs34331204 regulates <i>TSPAN13</i> expression and contributes to Alzheimer's disease with sex differences. <i>Brain</i> , 2020, 143, e95-e95.	3.7	48
21	CR1 rs3818361 Polymorphism Contributes to Alzheimer's Disease Susceptibility in Chinese Population. <i>Molecular Neurobiology</i> , 2016, 53, 4054-4059.	1.9	47
22	Disease status affects the association between rs4813620 and the expression of Alzheimer's disease susceptibility gene <i>TRIB3</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10519-E10520.	3.3	47
23	Genetic variant rs763361 regulates multiple sclerosis <i>CD226</i> gene expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E906-E907.	3.3	46
24	Genome-wide haplotype association study identify TNFRSF1A, CASP7, LRP1B, CDH1 and TG genes associated with Alzheimer's disease in Caribbean Hispanic individuals. <i>Oncotarget</i> , 2015, 6, 42504-42514.	0.8	46
25	Cell adhesion molecule pathway genes are regulated by cis-regulatory SNPs and show significantly altered expression in Alzheimer's disease brains. <i>Neurobiology of Aging</i> , 2015, 36, 2904.e1-2904.e7.	1.5	45
26	Genetic Variants and Multiple Sclerosis Risk Gene SLC9A9 Expression in Distinct Human Brain Regions. <i>Molecular Neurobiology</i> , 2017, 54, 6820-6826.	1.9	45
27	CD33 rs3865444 Polymorphism Contributes to Alzheimer's Disease Susceptibility in Chinese, European, and North American Populations. <i>Molecular Neurobiology</i> , 2015, 52, 414-421.	1.9	43
28	GAB2 rs2373115 variant contributes to Alzheimer's disease risk specifically in European population. <i>Journal of the Neurological Sciences</i> , 2017, 375, 18-22.	0.3	43
29	BIN1 gene rs744373 polymorphism contributes to Alzheimer's disease in East Asian population. <i>Neuroscience Letters</i> , 2013, 544, 47-51.	1.0	41
30	CLU rs2279590 polymorphism contributes to Alzheimer's disease susceptibility in Caucasian and Asian populations. <i>Journal of Neural Transmission</i> , 2015, 122, 433-439.	1.4	40
31	CLU rs9331888 Polymorphism Contributes to Alzheimer's Disease Susceptibility in Caucasian But Not East Asian Populations. <i>Molecular Neurobiology</i> , 2016, 53, 1446-1451.	1.9	40
32	Analyzing Large-Scale Samples Confirms the Association Between the ABCA7 rs3764650 Polymorphism and Alzheimer's Disease Susceptibility. <i>Molecular Neurobiology</i> , 2014, 50, 757-764.	1.9	37
33	Integrating Genome-Wide Association Study and Brain Expression Data Highlights Cell Adhesion Molecules and Purine Metabolism in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2015, 52, 514-521.	1.9	37
34	Circulating Vitamin D Levels and Alzheimer's Disease: A Mendelian Randomization Study in the IGAP and UK Biobank. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 609-618.	1.2	37
35	Measles Contributes to Rheumatoid Arthritis: Evidence from Pathway and Network Analyses of Genome-Wide Association Studies. <i>PLoS ONE</i> , 2013, 8, e75951.	1.1	35
36	Identifying the Association Between Alzheimer's Disease and Parkinson's Disease Using Genome-Wide Association Studies and Protein-Protein Interaction Network. <i>Molecular Neurobiology</i> , 2015, 52, 1629-1636.	1.9	33

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37	Genetic variant rs17185536 regulates <i>SIM1</i> gene expression in human brain hypothalamus. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3347-3348.	3.3	33
38	Class I PI3K inhibitor ZSTK474 mediates a shift in microglial/macrophage phenotype and inhibits inflammatory response in mice with cerebral ischemia/reperfusion injury. Journal of Neuroinflammation, 2016, 13, 192.	3.1	30
39	Autoimmune disease variants regulate <i>GSDMB</i> gene expression in human immune cells and whole blood. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7860-E7862.	3.3	30
40	Impact of Vitamin D Binding Protein Levels on Alzheimer's Disease: A Mendelian Randomization Study. Journal of Alzheimer's Disease, 2020, 74, 991-998.	1.2	30
41	Lack of association between PICALM rs3851179 polymorphism and Alzheimer's disease in Chinese population and APOE $\mu$ 4-negative subgroup. Neurobiology of Aging, 2013, 34, 1310.e9-1310.e10.	1.5	29
42	Pathway analysis of genome-wide association study and transcriptome data highlights new biological pathways in colorectal cancer. Molecular Genetics and Genomics, 2015, 290, 603-610.	1.0	29
43	Rs4878104 contributes to Alzheimer's disease risk and regulates DAPK1 gene expression. Neurological Sciences, 2017, 38, 1255-1262.	0.9	29
44	Alzheimer's disease CD33 rs3865444 variant does not contribute to cognitive performance. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1589-E1590.	3.3	28
45	SORL1 Variants Show Different Association with Early-Onset and Late-Onset Alzheimer's Disease Risk. Journal of Alzheimer's Disease, 2017, 58, 1121-1128.	1.2	26
46	Cognitive performance protects against Alzheimer's disease independently of educational attainment and intelligence. Molecular Psychiatry, 2022, 27, 4297-4306.	4.1	26
47	Transcriptional Regulation of lncRNA Genes by Histone Modification in Alzheimer's Disease. BioMed Research International, 2016, 2016, 1-4.	0.9	25
48	Alzheimer's Disease Risk Variant rs2373115 Regulates GAB2 and NARS2 Expression in Human Brain Tissues. Journal of Molecular Neuroscience, 2018, 66, 37-43.	1.1	25
49	<i>Cis</i> -eQTLs regulate reduced <i>LST1</i> gene and <i>NCR3</i> gene expression and contribute to increased autoimmune disease risk. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6321-E6322.	3.3	24
50	Expression quantitative trait loci regulate <i>HNF4A</i> and <i>PTBP1</i> expression in human brains. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3975.	3.3	23
51	Analyzing large-scale samples highlights significant association between rs10411210 polymorphism and colorectal cancer. Biomedicine and Pharmacotherapy, 2015, 74, 164-168.	2.5	23
52	Pathway Analysis of Two Amyotrophic Lateral Sclerosis GWAS Highlights Shared Genetic Signals with Alzheimer's Disease and Parkinson's Disease. Molecular Neurobiology, 2015, 51, 361-369.	1.9	23
53	Genetic variants regulate NR1H3 expression and contribute to multiple sclerosis risk. Journal of the Neurological Sciences, 2018, 390, 162-165.	0.3	22
54	Interleukin-6 Receptor and Inflammatory Bowel Disease: A Mendelian Randomization Study. Gastroenterology, 2019, 156, 823-824.	0.6	22

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55	Impact of Serum Calcium Levels on Alzheimer's Disease: A Mendelian Randomization Study. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 713-724.	1.2	21
56	Effect of plasma vitamin C levels on Parkinson's disease and age at onset: a Mendelian randomization study. <i>Journal of Translational Medicine</i> , 2021, 19, 221.	1.8	20
57	Mendelian randomization highlights significant difference and genetic heterogeneity in clinically diagnosed Alzheimer's disease GWAS and self-report proxy phenotype GWAS. <i>Alzheimer's Research and Therapy</i> , 2022, 14, 17.	3.0	18
58	Mendelian randomization highlights causal association between genetically increased C-reactive protein levels and reduced Alzheimer's disease risk. <i>Alzheimer's and Dementia</i> , 2022, 18, 2003-2006.	0.4	17
59	Pathway analysis of body mass index genome-wide association study highlights risk pathways in cardiovascular disease. <i>Scientific Reports</i> , 2015, 5, 13025.	1.6	16
60	Safety and efficacy of remote ischemic conditioning for the treatment of intracerebral hemorrhage: A proof-of-concept randomized controlled trial. <i>International Journal of Stroke</i> , 2022, 17, 425-433.	2.9	16
61	Impact of serum calcium levels on total body bone mineral density: A mendelian randomization study in five age strata. <i>Clinical Nutrition</i> , 2021, 40, 2726-2733.	2.3	16
62	The drug target genes show higher evolutionary conservation than non-target genes. <i>Oncotarget</i> , 2016, 7, 4961-4971.	0.8	16
63	Multiple sclerosis risk pathways differ in Caucasian and Chinese populations. <i>Journal of Neuroimmunology</i> , 2017, 307, 63-68.	1.1	14
64	Mendelian randomization study to evaluate the effects of interleukin-6 signaling on four neurodegenerative diseases. <i>Neurological Sciences</i> , 2020, 41, 2875-2882.	0.9	14
65	CHCHD2 and Parkinson's disease. <i>Lancet Neurology</i> , The, 2015, 14, 679-680.	4.9	13
66	Analyzing large-scale samples confirms the association between rs16892766 polymorphism and colorectal cancer susceptibility. <i>Scientific Reports</i> , 2015, 5, 7957.	1.6	12
67	No association of TREM1 rs6910730 and TREM2 rs7759295 with Alzheimer disease. <i>Annals of Neurology</i> , 2015, 78, 659-659.	2.8	11
68	Genetic Variant rs10757278 on Chromosome 9p21 Contributes to Myocardial Infarction Susceptibility. <i>International Journal of Molecular Sciences</i> , 2015, 16, 11678-11688.	1.8	11
69	Association of Alzheimer Disease Susceptibility Variants and Gene Expression in the Human Brain. <i>JAMA Neurology</i> , 2016, 73, 1255.	4.5	11
70	Association of single nucleotide polymorphism rs3803662 with the risk of breast cancer. <i>Scientific Reports</i> , 2016, 6, 29008.	1.6	11
71	The framework for population epigenetic study. <i>Briefings in Bioinformatics</i> , 2016, 19, bbw098.	3.2	11
72	DTWscore: differential expression and cell clustering analysis for time-series single-cell RNA-seq data. <i>BMC Bioinformatics</i> , 2017, 18, 270.	1.2	11

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73	rs4147929 variant minor allele increases ABCA7 gene expression and ABCA7 shows increased gene expression in Alzheimer's disease patients compared with controls. <i>Acta Neuropathologica</i> , 2020, 139, 937-940.	3.9	11
74	CDH1 rs9929218 variant at 16q22.1 contributes to colorectal cancer susceptibility. <i>Oncotarget</i> , 2016, 7, 47278-47286.	0.8	11
75	MCPPerm: A Monte Carlo Permutation Method for Accurately Correcting the Multiple Testing in a Meta-Analysis of Genetic Association Studies. <i>PLoS ONE</i> , 2014, 9, e89212.	1.1	10
76	REST rs3796529 variant does not confer susceptibility to Alzheimer's disease. <i>Annals of Neurology</i> , 2015, 78, 835-836.	2.8	10
77	Low-dose tirofiban is associated with reduced in-hospital mortality in cardioembolic stroke patients treated with endovascular thrombectomy. <i>Journal of the Neurological Sciences</i> , 2021, 427, 117539.	0.3	10
78	Multiple analyses of large-scale genome-wide association study highlight new risk pathways in lumbar spine bone mineral density. <i>Oncotarget</i> , 2016, 7, 31429-31439.	0.8	10
79	REST rs3796529 variant does not influence human subcortical brain structures. <i>Annals of Neurology</i> , 2016, 79, 334-335.	2.8	9
80	Expression profile of long noncoding RNAs and mRNAs in peripheral blood mononuclear cells from myasthenia gravis patients. <i>Journal of Neuroimmunology</i> , 2016, 299, 124-129.	1.1	9
81	Rs2293871 regulates HTRA1 expression and affects cerebral small vessel stroke and Alzheimer's disease. <i>Brain</i> , 2019, 142, e61-e61.	3.7	9
82	Mendelian randomization to evaluate the effect of plasma vitamin C levels on the risk of Alzheimer's disease. <i>Genes and Nutrition</i> , 2021, 16, 19.	1.2	8
83	Synergistic Transcriptional and Post-Transcriptional Regulation of ESC Characteristics by Core Pluripotency Transcription Factors in Protein-Protein Interaction Networks. <i>PLoS ONE</i> , 2014, 9, e105180.	1.1	7
84	RADB: a database of rheumatoid arthritis-related polymorphisms. <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, bau090-bau090.	1.4	7
85	ATD: a comprehensive bioinformatics resource for deciphering the association of autophagy and diseases. <i>Database: the Journal of Biological Databases and Curation</i> , 2018, 2018, .	1.4	7
86	<i>SERPINA1</i> gene expression in whole blood links the rs6647 variant G allele to an increased risk of large artery atherosclerotic stroke. <i>FASEB Journal</i> , 2020, 34, 10107-10116.	0.2	6
87	Association of single nucleotide polymorphism rs6983267 with the risk of prostate cancer. <i>Oncotarget</i> , 2016, 7, 25528-25534.	0.8	6
88	Parkinson's Disease Risk Variant rs1109303 Regulates the Expression of INPP5K and CRK in Human Brain. <i>Neuroscience Bulletin</i> , 2019, 35, 365-368.	1.5	5
89	Draft Genome Sequence of <i>Alicyclobacillus hesperidum</i> Strain URH17-3-68. <i>Journal of Bacteriology</i> , 2012, 194, 6348-6348.	1.0	4
90	TNF- $\beta$ +252 A>G polymorphism and susceptibility to cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2013, 139, 765-772.	1.2	4

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91	System Analysis of LWDH Related Genes Based on Text Mining in Biological Networks. BioMed Research International, 2014, 2014, 1-10.	0.9	4
92	Dynamic and modular gene regulatory networks drive the development of gametogenesis. Briefings in Bioinformatics, 2017, 18, bbw056.	3.2	4
93	Population Difference and Disease Status Affect the Association Between Genetic Variants and Gene Expression. Gastroenterology, 2019, 157, 894-896.	0.6	4
94	PLCG2 rs72824905 Variant Reduces the Risk of Alzheimer's Disease and Multiple Sclerosis. Journal of Alzheimer's Disease, 2021, 80, 71-77.	1.2	4
95	Genetic variant rs9848497 up-regulates <i>MST1R</i> expression, thereby influencing leadership phenotypes. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	4
96	Novel strategies to mine alcoholism-related haplotypes and genes by combining existing knowledge framework. Science in China Series C: Life Sciences, 2009, 52, 163-172.	1.3	3
97	PICALM rs3851179 Variant and Alzheimer's Disease in Asian Population. NeuroMolecular Medicine, 2016, 18, 157-157.	1.8	3
98	Genome-wide targets identification of core pluripotency transcription factors with integrated features in human embryonic stem cells. Molecular BioSystems, 2016, 12, 1324-1332.	2.9	3
99	rs1769793 variant reduces EGLN1 expression in skeletal muscle and hippocampus and contributes to high aerobic capacity in hypoxia. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29283-29285.	3.3	3
100	HGPGD: The Human Gene Population Genetic Difference Database. PLoS ONE, 2013, 8, e64150.	1.1	3
101	Parkinson's Disease rs117896735 Variant Regulates INPP5F Expression in Brain Tissues and Increases Risk of Alzheimer's Disease. Journal of Alzheimer's Disease, 2022, 89, 67-77.	1.2	3
102	Vitamin D intake cannot represent the extent of vitamin D deficiency or insufficiency: Comment on the article by Hiraki et al. Arthritis Care and Research, 2013, 65, 491-491.	1.5	1
103	A Novel Method to Select High-risk Disease-Related Regions after a Genome Wide Haplotype-Based Association Study: An Application to Alcoholism. , 2009, , .		0
104	Imaging features of adult moyamoya disease patients with anterior intracerebral hemorrhage based on high-resolution magnetic resonance imaging. Journal of Cerebral Blood Flow and Metabolism, 0, , 0271678X2211110.	2.4	0