

Qiong Yang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3564822/qiong-yang-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

108
papers

7,386
citations

43
h-index

85
g-index

121
ext. papers

10,533
ext. citations

10.3
avg, IF

5.08
L-index

#	Paper	IF	Citations
108	In vitro cell cycle oscillations exhibit a robust and hysteretic response to changes in cytoplasmic density.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119,	11.5	1
107	New insights into the genetic etiology of Alzheimer's disease and related dementias.. <i>Nature Genetics</i> , 2022 ,	36.3	27
106	Associations Between Brainstem Volume and Alzheimer's Disease Pathology in Middle-Aged Individuals of the Framingham Heart Study.. <i>Journal of Alzheimer's Disease</i> , 2022 ,	4.3	
105	Association of low-frequency and rare coding variants with information processing speed. <i>Translational Psychiatry</i> , 2021 , 11, 613	8.6	0
104	Plug-in tubes allow tunable oil removal, droplet packing, and reaction incubation for time-controlled droplet-based assays. <i>Biomicrofluidics</i> , 2021 , 15, 024108	3.2	
103	Multimomics integrative analysis identifies allele-specific blood biomarkers associated to Alzheimer's disease etiopathogenesis. <i>Aging</i> , 2021 , 13, 9277-9329	5.6	4
102	Multimomic Profiling in Black and White Populations Reveals Novel Candidate Pathways in Left Ventricular Hypertrophy and Incident Heart Failure Specific to Black Adults. <i>Circulation Genomic and Precision Medicine</i> , 2021 , 14, e003191	5.2	2
101	Plasma amyloid β levels are driven by genetic variants near APOE, BACE1, APP, PSEN2: A genome-wide association study in over 12,000 non-demented participants. <i>Alzheimer's and Dementia</i> , 2021 , 17, 1663-1674	1.2	5
100	Common variants in Alzheimer's disease and risk stratification by polygenic risk scores. <i>Nature Communications</i> , 2021 , 12, 3417	17.4	23
99	Engineering spatiotemporal organization and dynamics in synthetic cells. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021 , 13, e1685	9.2	8
98	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. <i>Kidney International</i> , 2021 , 99, 926-939	9.9	6
97	An evaluation of approaches for rare variant association analyses of binary traits in related samples. <i>Scientific Reports</i> , 2021 , 11, 3145	4.9	1
96	Critical windows of susceptibility in the association between manganese and neurocognition in Italian adolescents living near ferro-manganese industry. <i>NeuroToxicology</i> , 2021 , 87, 51-61	4.4	2
95	Real-Time Monitoring of APC /C-Mediated Substrate Degradation Using <i>Xenopus laevis</i> Egg Extracts. <i>Methods in Molecular Biology</i> , 2021 , 2329, 29-38	1.4	
94	Monitoring Spontaneous Quiescence and Asynchronous Proliferation-Quiescence Decisions in Prostate Cancer Cells.. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 728663	5.7	1
93	A meta-analysis of genome-wide association studies identifies new genetic loci associated with all-cause and vascular dementia.. <i>Alzheimer's and Dementia</i> , 2021 , 17 Suppl 3, e056081	1.2	
92	Association of plasma EFEMP1 with brain aging and dementia. <i>Alzheimer's and Dementia</i> , 2020 , 16, e041009		

91	Circulating metabolites associated with brain MRI markers of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020 , 16, e044283	1.2	1
90	EDEM3 Modulates Plasma Triglyceride Level through Its Regulation of LRP1 Expression. <i>IScience</i> , 2020 , 23, 100973	6.1	4
89	Aptamer-Based Proteomic Platform Identifies Novel Protein Predictors of Incident Heart Failure and Echocardiographic Traits. <i>Circulation: Heart Failure</i> , 2020 , 13, e006749	7.6	8
88	Common Genetic Variation Indicates Separate Causes for Periventricular and Deep White Matter Hyperintensities. <i>Stroke</i> , 2020 , 51, 2111-2121	6.7	23
87	Global and Regional Development of the Human Cerebral Cortex: Molecular Architecture and Occupational Aptitudes. <i>Cerebral Cortex</i> , 2020 , 30, 4121-4139	5.1	5
86	Genetic Architecture of Circulating Very-Long-Chain (C24:0 and C22:0) Ceramide Concentrations. <i>Journal of Lipid and Atherosclerosis</i> , 2020 , 9, 172-183	3	6
85	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020 , 11, 4796	17.4	16
84	Circulating testican-2 is a podocyte-derived marker of kidney health. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 25026-25035	11.5	7
83	Associations of a Metal Mixture Measured in Multiple Biomarkers with IQ: Evidence from Italian Adolescents Living near Ferroalloy Industry. <i>Environmental Health Perspectives</i> , 2020 , 128, 97002	8.4	27
82	Corticosteroids and Regional Variations in Thickness of the Human Cerebral Cortex across the Lifespan. <i>Cerebral Cortex</i> , 2020 , 30, 575-586	5.1	8
81	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019 , 10, 4130	17.4	43
80	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , 2019 , 51, 1459-1474	36.3	122
79	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019 , 51, 957-972	36.3	217
78	droPi: A Hand-Held Microfluidic Droplet Imager and Analyzer Built on Raspberry Pi. <i>Journal of Chemical Education</i> , 2019 , 96, 1152-1156	2.4	4
77	Association of variants in HTRA1 and NOTCH3 with MRI-defined extremes of cerebral small vessel disease in older subjects. <i>Brain</i> , 2019 , 142, 1009-1023	11.2	21
76	Building Dynamic Cellular Machineries in Droplet-Based Artificial Cells with Single-Droplet Tracking and Analysis. <i>Analytical Chemistry</i> , 2019 , 91, 9813-9818	7.8	5
75	The impact of APOE genotype on survival: Results of 38,537 participants from six population-based cohorts (E2-CHARGE). <i>PLoS ONE</i> , 2019 , 14, e0219668	3.7	31
74	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates A β tau, immunity and lipid processing. <i>Nature Genetics</i> , 2019 , 51, 414-430	36.3	917

73	Methionine Sulfoxide Reductase-B3 Risk Allele Implicated in Alzheimer's Disease Associates with Increased Odds for Brain Infarcts. <i>Journal of Alzheimer's Disease</i> , 2019 , 68, 357-365	4.3	3
72	Profiling of the plasma proteome across different stages of human heart failure. <i>Nature Communications</i> , 2019 , 10, 5830	17.4	25
71	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019 , 51, 1624-1636	36.8	81
70	Association of branched-chain amino acids and other circulating metabolites with risk of incident dementia and Alzheimer's disease: A prospective study in eight cohorts. <i>Alzheimer's and Dementia</i> , 2018 , 14, 723-733	1.2	90
69	Genetic Architecture of the Cardiovascular Risk Proteome. <i>Circulation</i> , 2018 , 137, 1158-1172	16.7	47
68	Circulating metabolites and general cognitive ability and dementia: Evidence from 11 cohort studies. <i>Alzheimer's and Dementia</i> , 2018 , 14, 707-722	1.2	76
67	Meta-analysis of epigenome-wide association studies of cognitive abilities. <i>Molecular Psychiatry</i> , 2018 , 23, 2133-2144	15.1	46
66	Exome Chip Analysis Identifies Low-Frequency and Rare Variants in MRPL38 for White Matter Hyperintensities on Brain Magnetic Resonance Imaging. <i>Stroke</i> , 2018 , 49, 1812-1819	6.7	10
65	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. <i>Nature Genetics</i> , 2018 , 50, 524-537	36.3	536
64	Systems and synthetic biology approaches in understanding biological oscillators. <i>Quantitative Biology</i> , 2018 , 6, 1-14	3.9	14
63	P1-004: GENOME-WIDE ASSOCIATION STUDY OF 11,785 INDIVIDUALS IDENTIFIES SEVEN LOCI ASSOCIATED WITH BRAIN-DERIVED NEUROTROPHIC FACTOR 2018 , 14, P262-P262		
62	O3-03-03: EPIGENOME-WIDE ASSOCIATION STUDIES IMPLICATE GENES INVOLVED IN GLIAL CELL FUNCTION AND VIRAL RESPONSE IN CEREBRAL WHITE MATTER HYPERINTENSITIES 2018 , 14, P1015-P1016		
61	The Rise of Ultrafast Waves. <i>Developmental Cell</i> , 2018 , 47, 532-534	10.2	1
60	Reconstitution of Cell-cycle Oscillations in Microemulsions of Cell-free Xenopus Egg Extracts. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	4
59	Probing the Virtual Proteome to Identify Novel Disease Biomarkers. <i>Circulation</i> , 2018 , 138, 2469-2481	16.7	23
58	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018 , 9, 2098	17.4	254
57	A robust and tunable mitotic oscillator in artificial cells. <i>ELife</i> , 2018 , 7,	8.9	18
56	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases: A Mendelian Randomization Study. <i>JAMA Oncology</i> , 2017 , 3, 636-651	13.4	236

55	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. <i>Nature Genetics</i> , 2017 , 49, 946-952	36.3	176
54	1000 Genomes-based meta-analysis identifies 10 novel loci for kidney function. <i>Scientific Reports</i> , 2017 , 7, 45040	4.9	70
53	Association of amine biomarkers with incident dementia and Alzheimer's disease in the Framingham Study. <i>Alzheimer's and Dementia</i> , 2017 , 13, 1327-1336	1.2	52
52	Urinary metabolites along with common and rare genetic variations are associated with incident chronic kidney disease. <i>Kidney International</i> , 2017 , 91, 1426-1435	9.9	31
51	and Loci Identified through Large-Scale Exome Chip Analysis Regulate Kidney Development and Function. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 981-994	12.7	30
50	Manganese in teeth and neurobehavior: Sex-specific windows of susceptibility. <i>Environment International</i> , 2017 , 108, 299-308	12.9	37
49	Whole exome sequence-based association analyses of plasma amyloid- β in African and European Americans; the Atherosclerosis Risk in Communities-Neurocognitive Study. <i>PLoS ONE</i> , 2017 , 12, e0180046	2.7	6
48	Whole blood gene expression and white matter Hyperintensities. <i>Molecular Neurodegeneration</i> , 2017 , 12, 67	19	4
47	Rare coding variants in <i>PLCG2</i> , <i>ABI3</i> , and <i>TREM2</i> implicate microglial-mediated innate immunity in Alzheimer's disease. <i>Nature Genetics</i> , 2017 , 49, 1373-1384	36.3	508
46	Incoherent Inputs Enhance the Robustness of Biological Oscillators. <i>Cell Systems</i> , 2017 , 5, 72-81.e4	10.6	14
45	An exome array study of the plasma metabolome. <i>Nature Communications</i> , 2016 , 7, 12360	17.4	47
44	Genome-wide Association Studies Identify Genetic Loci Associated With Albuminuria in Diabetes. <i>Diabetes</i> , 2016 , 65, 803-17	0.9	96
43	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , 2016 , 7, 10023	17.4	295
42	A meta-analysis of 120 246 individuals identifies 18 new loci for fibrinogen concentration. <i>Human Molecular Genetics</i> , 2016 , 25, 358-70	5.6	54
41	Association of Alzheimer's disease GWAS loci with MRI markers of brain aging. <i>Neurobiology of Aging</i> , 2015 , 36, 1765.e7-1765.e16	5.6	63
40	Gene-centric approach identifies new and known loci for FVIII activity and VWF antigen levels in European Americans and African Americans. <i>American Journal of Hematology</i> , 2015 , 90, 534-40	7.1	15
39	Circulating brain-derived neurotrophic factor concentrations and the risk of cardiovascular disease in the community. <i>Journal of the American Heart Association</i> , 2015 , 4, e001544	6	70
38	Genome-wide association study of kidney function decline in individuals of European descent. <i>Kidney International</i> , 2015 , 87, 1017-29	9.9	83

37	Genome-wide studies of verbal declarative memory in nondemented older people: the Cohorts for Heart and Aging Research in Genomic Epidemiology consortium. <i>Biological Psychiatry</i> , 2015 , 77, 749-63	7.9	48
36	O4-05-02: Genome-wide association study of lobar brain volumes 2015 , 11, P278-P278		
35	O1-04-06: Association of plasma biomarkers with risk of incident dementia in the framingham heart study: A metabolomics approach 2015 , 11, P134-P135		
34	Sequencing of LRP2 reveals multiple rare variants associated with urinary trefoil factor-3. <i>Journal of the American Society of Nephrology: JASN</i> , 2014 , 25, 2896-905	12.7	5
33	Association of a cystatin C gene variant with cystatin C levels, CKD, and risk of incident cardiovascular disease and mortality. <i>American Journal of Kidney Diseases</i> , 2014 , 63, 16-22	7.4	17
32	Genome-wide meta-analysis of homocysteine and methionine metabolism identifies five one carbon metabolism loci and a novel association of ALDH1L1 with ischemic stroke. <i>PLoS Genetics</i> , 2014 , 10, e1004214	6	57
31	The Cdk1-APC/C cell cycle oscillator circuit functions as a time-delayed, ultrasensitive switch. <i>Nature Cell Biology</i> , 2013 , 15, 519-25	23.4	96
30	Using family-based imputation in genome-wide association studies with large complex pedigrees: the Framingham Heart Study. <i>PLoS ONE</i> , 2012 , 7, e51589	3.7	10
29	Methods for Analyzing Multivariate Phenotypes in Genetic Association Studies. <i>Journal of Probability and Statistics</i> , 2012 , 2012, 652569	0.6	68
28	Modeling the cell cycle: why do certain circuits oscillate?. <i>Cell</i> , 2011 , 144, 874-85	56.2	228
27	A comparison of strategies for analyzing dichotomous outcomes in genome-wide association studies with general pedigrees. <i>Genetic Epidemiology</i> , 2011 , 35, 650-7	2.6	12
26	Identification of cis- and trans-acting genetic variants explaining up to half the variation in circulating vascular endothelial growth factor levels. <i>Circulation Research</i> , 2011 , 109, 554-63	15.7	57
25	GWAF: an R package for genome-wide association analyses with family data. <i>Bioinformatics</i> , 2010 , 26, 580-1	7.2	195
24	Circadian gating of the cell cycle revealed in single cyanobacterial cells. <i>Science</i> , 2010 , 327, 1522-6	33.3	123
23	Multiple genetic loci influence serum urate levels and their relationship with gout and cardiovascular disease risk factors. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 523-30		243
22	Elevated ATPase activity of KaiC applies a circadian checkpoint on cell division in <i>Synechococcus elongatus</i> . <i>Cell</i> , 2010 , 140, 529-39	56.2	112
21	Thyroid function and left ventricular structure and function in the Framingham Heart Study. <i>Thyroid</i> , 2010 , 20, 369-73	6.2	60
20	Analyze multivariate phenotypes in genetic association studies by combining univariate association tests. <i>Genetic Epidemiology</i> , 2010 , 34, 444-54	2.6	113

19	A three-stage approach for genome-wide association studies with family data for quantitative traits. <i>BMC Genetics</i> , 2010 , 11, 40	2.6	3
18	CDKN1C/p57kip2 is a candidate tumor suppressor gene in human breast cancer. <i>BMC Cancer</i> , 2008 , 8, 68	4.8	46
17	Thyroid function and lipid subparticle sizes in patients with short-term hypothyroidism and a population-based cohort. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 888-94	5.6	55
16	Handling linkage disequilibrium in linkage analysis using dense single-nucleotide polymorphisms. <i>BMC Proceedings</i> , 2007 , 1 Suppl 1, S161	2.3	6
15	Using linkage and association to identify and model genetic effects: summary of GAW15 Group 4. <i>Genetic Epidemiology</i> , 2007 , 31 Suppl 1, S34-42	2.6	3
14	Effect of linkage disequilibrium between markers in linkage and association analyses. <i>Genetic Epidemiology</i> , 2007 , 31 Suppl 1, S139-48	2.6	1
13	Genome-wide association and linkage analyses of hemostatic factors and hematological phenotypes in the Framingham Heart Study. <i>BMC Medical Genetics</i> , 2007 , 8 Suppl 1, S12	2.1	60
12	Heritable stochastic switching revealed by single-cell genealogy. <i>PLoS Biology</i> , 2007 , 5, e239	9.7	88
11	The Third Generation Cohort of the National Heart, Lung, and Blood Institute's Framingham Heart Study: design, recruitment, and initial examination. <i>American Journal of Epidemiology</i> , 2007 , 165, 1328-35	3.8	605
10	Joint modeling of linkage and association using affected sib-pair data. <i>BMC Proceedings</i> , 2007 , 1 Suppl 1, S38	2.3	3
9	Maternal influence on blood pressure suggests involvement of mitochondrial DNA in the pathogenesis of hypertension: the Framingham Heart Study. <i>Journal of Hypertension</i> , 2007 , 25, 2067-73	1.9	41
8	Genome-wide search for genes affecting serum uric acid levels: the Framingham Heart Study. <i>Metabolism: Clinical and Experimental</i> , 2005 , 54, 1435-41	12.7	83
7	Power and type I error rate of false discovery rate approaches in genome-wide association studies. <i>BMC Genetics</i> , 2005 , 6 Suppl 1, S134	2.6	72
6	Genome-wide linkage analyses and candidate gene fine mapping for HDL3 cholesterol: the Framingham Study. <i>Journal of Lipid Research</i> , 2005 , 46, 1416-25	6.3	21
5	Quantitative DNA fingerprinting may distinguish new primary breast cancer from disease recurrence. <i>Journal of Clinical Oncology</i> , 2004 , 22, 1830-8	2.2	42
4	Evidence for a modifier of onset age in Huntington disease linked to the HD gene in 4p16. <i>Neurogenetics</i> , 2004 , 5, 109-14	3	63
3	Description of the Framingham Heart Study data for Genetic Analysis Workshop 13. <i>BMC Genetics</i> , 2003 , 4 Suppl 1, S2	2.6	19
2	Genetic analyses of longitudinal phenotype data: a comparison of univariate methods and a multivariate approach. <i>BMC Genetics</i> , 2003 , 4 Suppl 1, S29	2.6	8

- 1 A genome-wide search for genes affecting circulating fibrinogen levels in the Framingham Heart Study. *Thrombosis Research*, **2003**, 110, 57-64

8.2 25