

Kenny Ye

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

45,398
citations

136740

32
h-index

40881

93
g-index

115
all docs

115
docs citations

115
times ranked

67188
citing authors

#	ARTICLE	IF	CITATIONS
1	A global reference for human genetic variation. <i>Nature</i> , 2015, 526, 68-74.	13.7	13,998
2	A map of human genome variation from population-scale sequencing. <i>Nature</i> , 2010, 467, 1061-1073.	13.7	7,209
3	An integrated map of genetic variation from 1,092 human genomes. <i>Nature</i> , 2012, 491, 56-65.	13.7	7,199
4	Strong Association of De Novo Copy Number Mutations with Autism. <i>Science</i> , 2007, 316, 445-449.	6.0	2,497
5	Large-Scale Copy Number Polymorphism in the Human Genome. <i>Science</i> , 2004, 305, 525-528.	6.0	2,293
6	The contribution of de novo coding mutations to autism spectrum disorder. <i>Nature</i> , 2014, 515, 216-221.	13.7	2,188
7	Pindel: a pattern growth approach to detect break points of large deletions and medium sized insertions from paired-end short reads. <i>Bioinformatics</i> , 2009, 25, 2865-2871.	1.8	1,811
8	De Novo Gene Disruptions in Children on the Autistic Spectrum. <i>Neuron</i> , 2012, 74, 285-299.	3.8	1,311
9	A Systematic Survey of Loss-of-Function Variants in Human Protein-Coding Genes. <i>Science</i> , 2012, 335, 823-828.	6.0	1,095
10	Mapping copy number variation by population-scale genome sequencing. <i>Nature</i> , 2011, 470, 59-65.	13.7	991
11	Rare De Novo and Transmitted Copy-Number Variation in Autistic Spectrum Disorders. <i>Neuron</i> , 2011, 70, 886-897.	3.8	639
12	Sensitive and accurate detection of copy number variants using read depth of coverage. <i>Genome Research</i> , 2009, 19, 1586-1592.	2.4	518
13	Representational Oligonucleotide Microarray Analysis: A High-Resolution Method to Detect Genome Copy Number Variation. <i>Genome Research</i> , 2003, 13, 2291-2305.	2.4	376
14	Comparative isoschizomer profiling of cytosine methylation: The HELP assay. <i>Genome Research</i> , 2006, 16, 1046-1055.	2.4	355
15	Novel patterns of genome rearrangement and their association with survival in breast cancer. <i>Genome Research</i> , 2006, 16, 1465-1479.	2.4	291
16	A unified genetic theory for sporadic and inherited autism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 12831-12836.	3.3	284
17	A meta-analysis of genome-wide association studies identifies multiple longevity genes. <i>Nature Communications</i> , 2019, 10, 3669.	5.8	214
18	The BCL6 transcriptional program features repression of multiple oncogenes in primary B cells and is deregulated in DLBCL. <i>Blood</i> , 2009, 113, 5536-5548.	0.6	205

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19	High definition profiling of mammalian DNA methylation by array capture and single molecule bisulfite sequencing. <i>Genome Research</i> , 2009, 19, 1593-1605.	2.4	198
20	Transcriptional signature with differential expression of BCL6 target genes accurately identifies BCL6-dependent diffuse large B cell lymphomas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 3207-3212.	3.3	130
21	Low load for disruptive mutations in autism genes and their biased transmission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5600-7.	3.3	129
22	Buffering Mechanisms in Aging: A Systems Approach Toward Uncovering the Genetic Component of Aging. <i>PLoS Computational Biology</i> , 2007, 3, e170.	1.5	106
23	Genome-wide analysis of DNA binding and transcriptional regulation by the mammalian Doublesex homolog DMRT1 in the juvenile testis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13360-13365.	3.3	92
24	Common genetic variants regulating ADD3 gene expression alter biliary atresia risk. <i>Journal of Hepatology</i> , 2013, 59, 1285-1291.	1.8	84
25	An Integrative Genomic and Epigenomic Approach for the Study of Transcriptional Regulation. <i>PLoS ONE</i> , 2008, 3, e1882.	1.1	77
26	Structure and function of neonatal social communication in a genetic mouse model of autism. <i>Molecular Psychiatry</i> , 2016, 21, 1208-1214.	4.1	74
27	Lower-extremity Arterial Thrombosis Associated with COVID-19 Is Characterized by Greater Thrombus Burden and Increased Rate of Amputation and Death. <i>Radiology</i> , 2020, 297, E263-E269.	3.6	66
28	Effective DNA/RNA Co-Extraction for Analysis of MicroRNAs, mRNAs, and Genomic DNA from Formalin-Fixed Paraffin-Embedded Specimens. <i>PLoS ONE</i> , 2012, 7, e34683.	1.1	55
29	Multi-modal neuroimaging of dual-task walking: Structural MRI and fNIRS analysis reveals prefrontal grey matter volume moderation of brain activation in older adults. <i>NeuroImage</i> , 2019, 189, 745-754.	2.1	52
30	Single-cell analysis of somatic mutations in human bronchial epithelial cells in relation to aging and smoking. <i>Nature Genetics</i> , 2022, 54, 492-498.	9.4	47
31	Uncertainty Quantification for Multiscale Simulations1. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2002, 124, 29-41.	0.8	44
32	A partial leastâ€square approach for modeling geneâ€gene and geneâ€environment interactions when multiple markers are genotyped. <i>Genetic Epidemiology</i> , 2009, 33, 6-15.	0.6	40
33	The effect of fear of falling on prefrontal cortex activation and efficiency during walking in older adults. <i>GeroScience</i> , 2019, 41, 89-100.	2.1	34
34	Positive association of schizophrenia toJARID2 gene. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2007, 144B, 45-51.	1.1	32
35	Genome-wide analysis of mitochondrial DNA copy number reveals loci implicated in nucleotide metabolism, platelet activation, and megakaryocyte proliferation. <i>Human Genetics</i> , 2022, 141, 127-146.	1.8	30
36	The antagonistic pleiotropy of insulinâ€like growth factor 1. <i>Aging Cell</i> , 2021, 20, e13443.	3.0	28

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37	Distinguishing Between Longevity and Buffered-Deleterious Genotypes for Exceptional Human Longevity: The Case of the MTP Gene. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012, 67, 1153-1160.	1.7	27
38	Association between lifestyle, menstrual/reproductive history, and histological factors and risk of breast cancer in women biopsied for benign breast disease. <i>Breast Cancer Research and Treatment</i> , 2017, 165, 623-631.	1.1	26
39	The nutritional environment determines which and how intestinal stem cells contribute to homeostasis and tumorigenesis. <i>Carcinogenesis</i> , 2019, 40, 937-946.	1.3	26
40	Extracellular Vesicle Capture by AnTibody of CHOice and Enzymatic Release (EVa€CATCHER): A customizable purification assay designed for smallâ€RNA biomarker identification and evaluation of circulating smallâ€EVs. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12110.	5.5	26
41	Resequencing of pooled DNA for detecting disease associations with rare variants. <i>Genetic Epidemiology</i> , 2010, 34, 492-501.	0.6	23
42	Copy number elevation of 22q11.2 genes arrests the developmental maturation of working memory capacity and adult hippocampal neurogenesis. <i>Molecular Psychiatry</i> , 2018, 23, 985-992.	4.1	22
43	Rare genetic coding variants associated with human longevity and protection against age-related diseases. <i>Nature Aging</i> , 2021, 1, 783-794.	5.3	22
44	Gene Size Matters. <i>PLoS ONE</i> , 2012, 7, e49093.	1.1	21
45	Diffusion Tensor Imaging of the Evolving Response to Mild Traumatic Brain Injury in Rats. <i>Journal of Experimental Neuroscience</i> , 2019, 13, 117906951985862.	2.3	21
46	Model discriminationâ€”another perspective on model-robust designs. <i>Journal of Statistical Planning and Inference</i> , 2007, 137, 1576-1583.	0.4	20
47	Meta-Analysis of Microarray Studies Reveals a Novel Hematopoietic Progenitor Cell Signature and Demonstrates Feasibility of Inter-Platform Data Integration. <i>PLoS ONE</i> , 2008, 3, e2965.	1.1	20
48	Model-robust supersaturated and partially supersaturated designs. <i>Journal of Statistical Planning and Inference</i> , 2009, 139, 45-53.	0.4	20
49	Evaluation of Hair Density in Different Ethnicities in a Healthy American Population Using Quantitative Trichoscopic Analysis. <i>Skin Appendage Disorders</i> , 2018, 4, 304-307.	0.5	20
50	Genetic Variants Associated with FDNY WTC-Related Sarcoidosis. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1830.	1.2	19
51	An Atypical Form of Diabetes Among Individuals With Low BMI. <i>Diabetes Care</i> , 2022, 45, 1428-1437.	4.3	18
52	Computing Power and Sample Size for Case-Control Association Studies with Copy Number Polymorphism: Application of Mixture-Based Likelihood Ratio Test. <i>PLoS ONE</i> , 2008, 3, e3475.	1.1	15
53	Evaluation and Adaptation of a Laboratory-Based cDNA Library Preparation Protocol for Retrospective Sequencing of Archived MicroRNAs from up to 35-Year-Old Clinical FFPE Specimens. <i>International Journal of Molecular Sciences</i> , 2017, 18, 627.	1.8	15
54	Non-operative Management for Acute Appendicitis During the COVID-19 Pandemic Does Not Increase the Rate of Complications. <i>Journal of Gastrointestinal Surgery</i> , 2021, 25, 1327-1329.	0.9	15

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55	Detecting dispersed duplications in high-throughput sequencing data using a database-free approach. <i>Bioinformatics</i> , 2016, 32, 505-510.	1.8	14
56	Ultra-High-Frequency Reprogramming of Individual Long-Term Hematopoietic Stem Cells Yields Low Somatic Variant Induced Pluripotent Stem Cells. <i>Cell Reports</i> , 2019, 26, 2580-2592.e7.	2.9	14
57	The Utility of 18FDG PET/CT Versus Bone Scan for Identification of Bone Metastases in a Pediatric Sarcoma Population and a Review of the Literature. <i>Journal of Pediatric Hematology/Oncology</i> , 2021, 43, 52-58.	0.3	14
58	Framing potential for adverse effects of repetitive subconcussive impacts in soccer in the context of athlete and non-athlete controls. <i>Brain Imaging and Behavior</i> , 2021, 15, 882-895.	1.1	12
59	Survival Disparities in Black Patients With EGFR-mutated Non-small-cell Lung Cancer. <i>Clinical Lung Cancer</i> , 2020, 21, 177-185.	1.1	10
60	Estimating Allele Frequency from Next-Generation Sequencing of Pooled Mitochondrial DNA Samples. <i>Frontiers in Genetics</i> , 2011, 2, 51.	1.1	9
61	Measuring shared variants in cohorts of discordant siblings with applications to autism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7073-7076.	3.3	9
62	MicroRNA expression in benign breast tissue and risk of subsequent invasive breast cancer. <i>PLoS ONE</i> , 2018, 13, e0191814.	1.1	9
63	Sources of uncertainty and error in the simulation of flow in porous media. <i>Computational and Applied Mathematics</i> , 2004, 23, .	1.3	8
64	Reducing system noise in copy number data using principal components of self-self hybridizations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E103-E110.	3.3	8
65	Genotype Copy Number Variations using Gaussian Mixture Models: Theory and Algorithms. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2012, 11, 5.	0.2	7
66	Computational Analysis of Neonatal Mouse Ultrasonic Vocalization. <i>Current Protocols in Mouse Biology</i> , 2018, 8, e46.	1.2	7
67	Computational identification of variables in neonatal vocalizations predictive for postpubertal social behaviors in a mouse model of 16p11.2 deletion. <i>Molecular Psychiatry</i> , 2021, 26, 6578-6588.	4.1	7
68	Epidemiology, Risk Factors and Outcomes of Pneumomediastinum in Patients with Coronavirus Disease 2019: A Case-Control Study. <i>Journal of Intensive Care Medicine</i> , 2022, 37, 12-20.	1.3	7
69	Effects of Diet Choice on Stem Cell Function Necessitate Clarity in Selection and Reporting. <i>Cell Stem Cell</i> , 2020, 27, 11-12.	5.2	6
70	Optimal Orthogonal Three-Level Factorial Designs for Factor Screening and Response Surface Exploration. , 2007, , 221-228.		6
71	Bayesian detection of embryonic gene expression onset in <i>C. elegans</i> . <i>Annals of Applied Statistics</i> , 2015, 9, .	0.5	5
72	Molecular Histochemistry Identifies Peptidomic Organization and Reorganization Along Striatal Projection Units. <i>Biological Psychiatry</i> , 2016, 79, 415-420.	0.7	5

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73	Adjustment for covariates using summary statistics of genome-wide association studies. <i>Genetic Epidemiology</i> , 2018, 42, 812-825.	0.6	5
74	Ventricular Arterial Coupling: A Novel Echocardiographic Risk Factor for Disease Progression in Pediatric Dilated Cardiomyopathy. <i>Pediatric Cardiology</i> , 2019, 40, 330-338.	0.6	5
75	Experience with a Perfusion-Only Screening Protocol for Evaluation of Pulmonary Embolism During the COVID-19 Pandemic Surge. <i>Journal of Nuclear Medicine</i> , 2022, 63, 598-601.	2.8	5
76	Detecting multiple causal rare variants in exome sequence data. <i>Genetic Epidemiology</i> , 2011, 35, S18-21.	0.6	4
77	Design and Statistical Analysis of Pooled Next Generation Sequencing for Rare Variants. <i>Journal of Probability and Statistics</i> , 2012, 2012, 1-19.	0.3	4
78	Improved Dose-Response Relationship of (+)-Discodermolide-Taxol Hybrid Congeners. <i>Journal of Natural Products</i> , 2018, 81, 607-615.	1.5	4
79	Structural Refinement of the Tubulin Ligand (+)-Discodermolide to Attenuate Chemotherapy-Mediated Senescence. <i>Molecular Pharmacology</i> , 2020, 98, 156-167.	1.0	4
80	Safety and efficacy of image-guided retrocalcaneal bursa corticosteroid injection for the treatment of retrocalcaneal bursitis. <i>Skeletal Radiology</i> , 2021, 50, 2471-2482.	1.2	4
81	Emerging Adaptive Strategies Under Temperature Fluctuations in a Laboratory Evolution Experiment of <i>Escherichia Coli</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 724982.	1.5	4
82	Detecting, quantifying, and discriminating the mechanism of mosaic chromosomal aneuploidies using MAD-seq. <i>Genome Research</i> , 2018, 28, 1039-1052.	2.4	3
83	P1.11-11 Initial Discovery of Exhaled Small Polar Energetics-Related Metabolites by GC-MS for Lung Cancer Risk Assessment. <i>Journal of Thoracic Oncology</i> , 2019, 14, S519.	0.5	3
84	Diagnostic yield of head CT in pediatric emergency department patients with acute psychosis or hallucinations. <i>Pediatric Radiology</i> , 2019, 49, 240-244.	1.1	3
85	Diagnostic significance of the CT rim sign in cases of gangrenous cholecystitis. <i>Clinical Imaging</i> , 2021, 73, 53-56.	0.8	3
86	Data Mining of Hematopoietic Stem Cell Microarray Studies Reveals a Novel Stem Cell Gene Expression Signature and Demonstrates Feasibility of Integrating Data from Different Labs and Different Microarray Platforms.. <i>Blood</i> , 2007, 110, 4073-4073.	0.6	3
87	Near-Term Decrease in Brain Volume following Mild Traumatic Injury Is Detectable in the Context of Preinjury Volumetric Stability: Neurobiologic Insights from Analysis of Historical Imaging Examinations. <i>American Journal of Neuroradiology</i> , 2018, 39, 1821-1826.	1.2	2
88	Impact of Patient-Centered Care on the Patient Experience in Nuclear Medicine. <i>Current Problems in Diagnostic Radiology</i> , 2020, 49, 326-332.	0.6	2
89	Cellular viability and death biomarkers enables the evaluation of ocular irritation using the bovine corneal opacity and permeability assay. <i>Toxicology Letters</i> , 2021, 340, 52-57.	0.4	2
90	A High Resolution Epigenomic Map of Myelofibrosis Reveals Multiple Chromosomal Deletions and Amplifications Accompanied by a High Level of Functionally Important Methylation.. <i>Blood</i> , 2006, 108, 2684-2684.	0.6	2

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91	Global DNA Methylation Profiling Demonstrates That Idiopathic Myelofibrosis Is Characterized by a Distinct Epigenetic Signature with Aberrant Methylation Changes in Genes Involved in Inflammation and Hematopoiesis. <i>Blood</i> , 2007, 110, 1536-1536.	0.6	2
92	Buffering Mechanisms in Aging: A systems approach towards uncovering the genetic component of aging. <i>PLoS Computational Biology</i> , 2005, preprint, e170.	1.5	2
93	Identification of genes and variants associated with quantitative traits using Bayesian factor screening. <i>BMC Proceedings</i> , 2011, 5, S4.	1.8	1
94	32. Copy Number Variation of 22q11.2 Genes Arrests the Developmental Maturation of Working Memory Capacity and Adult Hippocampal Neurogenesis. <i>Biological Psychiatry</i> , 2017, 81, S14.	0.7	0
95	Exhaled Small, Polar, Energetics-Related Metabolites by GC-MS for Lung Cancer Risk Assessment. , 2019, , .		0
96	SMALL SIZE LUNG NODULES WITH IRREGULAR BORDER ARE BETTER CAUGHT IN PERIPHERAL AIRWAY BRONCHOSCOPY. <i>Chest</i> , 2019, 156, A1757.	0.4	0
97	The Hypothalamic-Pituitary-Testicular Axis in Exceptionally Old Men. <i>Journal of the Endocrine Society</i> , 2021, 5, A727-A727.	0.1	0
98	Bronchial Field Progenitor Basal Cells Show Methylome-Wide Characteristics Reflective of Lung Cancer Case-Control, Age, and Smoking Status of the Donor. , 2021, , .		0
99	High Resolution Epigenomic Mapping of Myelodysplastic Syndrome Reveals a High Level of Functionally Important Methylation.. <i>Blood</i> , 2006, 108, 2637-2637.	0.6	0
100	Meta-Transcriptome of Bone Marrow Stem Cells Demonstrates Platform and Lab Dependant Variability in Gene Expression and Reveals a Novel Set of Enriched Genes.. <i>Blood</i> , 2006, 108, 4189-4189.	0.6	0
101	Epigenetic Signatures Accurately Distinguish Leukemia Subtypes and Provide a More Comprehensive Representation of Differentially Regulated Genes Than Gene Expression Profiling.. <i>Blood</i> , 2006, 108, 735-735.	0.6	0
102	A Comprehensive Genomic Approach Using Gain of Function and Loss of Function Cell Models and ChIP-on-Chip Technology Identifies Novel Promyelocytic Zinc Finger Protein Target Genes.. <i>Blood</i> , 2006, 108, 1407-1407.	0.6	0
103	A BCL6 Target Gene Signature Predicts the Biological Behavior and Classification of Diffuse Large B-Cell Lymphoma.. <i>Blood</i> , 2006, 108, 616-616.	0.6	0
104	Integrated Epigenomic Profiling Reveals Aberrant DNA Hypomethylation in LGL and Demonstrates That a Combination of Genetic and Epigenetic Events Results in Leukemic Evolution in Model of Large Granular Lymphocytic Leukemia.. <i>Blood</i> , 2007, 110, 2129-2129.	0.6	0
105	Global Epigenomic Profiling Demonstrates That Myelodysplasia Is Characterized by a Distinct Epigenetic Signature with Aberrant DNA Methylation Changes Involving Various Malignant and Hematopoietic Pathways.. <i>Blood</i> , 2007, 110, 2436-2436.	0.6	0
106	Abstract LB-066: Proteomic-based senescent biomarker identification and characterization in non-small cell lung cancer. , 2016, , .		0
107	Prognostic Factors for North American Adult T Cell Leukemia Lymphoma: Defining Risk Groups Using a Four-Point Score Prognostic System. <i>Blood</i> , 2020, 136, 38-39.	0.6	0
108	Behavioral and Genetic Factors Associated with Successful Long-Term Cessation in Persons with HIV Who Smoke Cigarettes. <i>Journal of Smoking Cessation</i> , 2021, 2021, 1894160.	0.3	0

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109	Genome Maintenance in Aging and Lung Carcinogenesis. , 2022, , .		0
110	Bronchial Field Progenitor Basal Cells Show Methylome-Wide Characteristics Reflective of Lung Cancer Case-Control, Age, and Smoking Status. , 2022, , .		0