

# Ni Zhao

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

8,264  
citations

218677

26  
h-index

214800

47  
g-index

49  
all docs

49  
docs citations

49  
times ranked

14857  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive genomic characterization of head and neck squamous cell carcinomas. <i>Nature</i> , 2015, 517, 576-582.	27.8	3,209
2	Integrated Genomic Characterization of Papillary Thyroid Carcinoma. <i>Cell</i> , 2014, 159, 676-690.	28.9	2,318
3	Characterization of HPV and host genome interactions in primary head and neck cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15544-15549.	7.1	317
4	Genome-wide association study identifies 32 novel breast cancer susceptibility loci from overall and subtype-specific analyses. <i>Nature Genetics</i> , 2020, 52, 572-581.	21.4	265
5	Molecular Subtypes in Head and Neck Cancer Exhibit Distinct Patterns of Chromosomal Gain and Loss of Canonical Cancer Genes. <i>PLoS ONE</i> , 2013, 8, e56823.	2.5	263
6	Testing in Microbiome-Profiling Studies with MiRKAT, the Microbiome Regression-Based Kernel Association Test. <i>American Journal of Human Genetics</i> , 2015, 96, 797-807.	6.2	248
7	Differential Pathogenesis of Lung Adenocarcinoma Subtypes Involving Sequence Mutations, Copy Number, Chromosomal Instability, and Methylation. <i>PLoS ONE</i> , 2012, 7, e36530.	2.5	225
8	Reporting guidelines for human microbiome research: the STORMS checklist. <i>Nature Medicine</i> , 2021, 27, 1885-1892.	30.7	170
9	Visibility, air quality and daily mortality in Shanghai, China. <i>Science of the Total Environment</i> , 2009, 407, 3295-3300.	8.0	142
10	Phase II Efficacy and Pharmacogenomic Study of Selumetinib (AZD6244; ARRY-142886) in Iodine-131 Refractory Papillary Thyroid Carcinoma with or without Follicular Elements. <i>Clinical Cancer Research</i> , 2012, 18, 2056-2065.	7.0	141
11	Compartmental Analysis of T-cell Clonal Dynamics as a Function of Pathologic Response to Neoadjuvant PD-1 Blockade in Resectable Non-Small Cell Lung Cancer. <i>Clinical Cancer Research</i> , 2020, 26, 1327-1337.	7.0	90
12	The Impact of Human Immunodeficiency Virus Infection on Gut Microbiota $\alpha$ -Diversity: An Individual-level Meta-analysis. <i>Clinical Infectious Diseases</i> , 2020, 70, 615-627.	5.8	65
13	Alterations of LKB1 and KRAS and risk of brain metastasis: Comprehensive characterization by mutation analysis, copy number, and gene expression in non-small-cell lung carcinoma. <i>Lung Cancer</i> , 2014, 86, 255-261.	2.0	64
14	Diurnal Temperature Range is a Risk Factor for Coronary Heart Disease Death. <i>Journal of Epidemiology</i> , 2009, 19, 328-332.	2.4	54
15	MiRKAT-S: a community-level test of association between the microbiota and survival times. <i>Microbiome</i> , 2017, 5, 17.	11.1	50
16	High XRCC1 Protein Expression Is Associated with Poorer Survival in Patients with Head and Neck Squamous Cell Carcinoma. <i>Clinical Cancer Research</i> , 2011, 17, 6542-6552.	7.0	49
17	Small Sample Kernel Association Tests for Human Genetic and Microbiome Association Studies. <i>Genetic Epidemiology</i> , 2016, 40, 5-19.	1.3	45
18	Different cellular p16INK4a localisation may signal different survival outcomes in head and neck cancer. <i>British Journal of Cancer</i> , 2012, 107, 482-490.	6.4	39

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19	Elderly Patients With Squamous Cell Carcinoma of the Head and Neck and the Benefit of Multimodality Therapy. <i>Oncologist</i> , 2015, 20, 159-165.	3.7	39
20	A small-sample multivariate kernel machine test for microbiome association studies. <i>Genetic Epidemiology</i> , 2017, 41, 210-220.	1.3	37
21	A Fast Small-Sample Kernel Independence Test for Microbiome Community-Level Association Analysis. <i>Biometrics</i> , 2017, 73, 1453-1463.	1.4	36
22	Powerful Genetic Association Analysis for Common or Rare Variants with High-Dimensional Structured Traits. <i>Genetics</i> , 2017, 206, 1779-1790.	2.9	36
23	A Distance-Based Kernel Association Test Based on the Generalized Linear Mixed Model for Correlated Microbiome Studies. <i>Frontiers in Genetics</i> , 2019, 10, 458.	2.3	31
24	Sex-specific gene expression in the BXD mouse liver. <i>Physiological Genomics</i> , 2010, 42, 456-468.	2.3	30
25	A small-sample kernel association test for correlated data with application to microbiome association studies. <i>Genetic Epidemiology</i> , 2018, 42, 772-782.	1.3	30
26	Colonic mucosal and exfoliome transcriptomic profiling and fecal microbiome response to a flaxseed lignan extract intervention in humans. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 377-390.	4.7	29
27	Generalized Hotelling's test for paired compositional data with application to human microbiome studies. <i>Genetic Epidemiology</i> , 2018, 42, 459-469.	1.3	20
28	Global Analysis of Methylation Profiles From High Resolution CpG Data. <i>Genetic Epidemiology</i> , 2015, 39, 53-64.	1.3	19
29	MiRKAT: kernel machine regression-based global association tests for the microbiome. <i>Bioinformatics</i> , 2021, 37, 1595-1597.	4.1	18
30	SigFuge: single gene clustering of RNA-seq reveals differential isoform usage among cancer samples. <i>Nucleic Acids Research</i> , 2014, 42, e113-e113.	14.5	17
31	A novel copy number variants kernel association test with application to autism spectrum disorders studies. <i>Bioinformatics</i> , 2016, 32, 3603-3610.	4.1	17
32	Effects of processed meat and drinking water nitrate on oral and fecal microbial populations in a controlled feeding study. <i>Environmental Research</i> , 2021, 197, 111084.	7.5	16
33	Prioritizing individual genetic variants after kernel machine testing using variable selection. <i>Genetic Epidemiology</i> , 2016, 40, 722-731.	1.3	15
34	Oral Human Papillomavirus Associated With Differences in Oral Microbiota Beta Diversity and Microbiota Abundance. <i>Journal of Infectious Diseases</i> , 2022, 226, 1098-1108.	4.0	15
35	The LKB1 Tumor Suppressor as a Biomarker in Mouse and Human Tissues. <i>PLoS ONE</i> , 2013, 8, e73449.	2.5	14
36	ERCC1 Protein Expression Is Associated with Differential Survival in Oropharyngeal Head and Neck Squamous Cell Carcinoma. <i>Otolaryngology - Head and Neck Surgery</i> , 2013, 149, 587-595.	1.9	12

#	ARTICLE	IF	CITATIONS
37	Rare variant testing across methods and thresholds using the multi-kernel sequence kernel association test (MK-SKAT). <i>Statistics and Its Interface</i> , 2015, 8, 495-505.	0.3	11
38	An Adaptive Multivariate Two-Sample Test With Application to Microbiome Differential Abundance Analysis. <i>Frontiers in Genetics</i> , 2019, 10, 350.	2.3	10
39	A powerful microbial group association test based on the higher criticism analysis for sparse microbial association signals. <i>Microbiome</i> , 2020, 8, 63.	11.1	9
40	Kernel machine methods for integrative analysis of genome-wide methylation and genotyping studies. <i>Genetic Epidemiology</i> , 2018, 42, 156-167.	1.3	8
41	Powerful and robust non-parametric association testing for microbiome data via a zero-inflated quantile approach (ZINQ). <i>Microbiome</i> , 2021, 9, 181.	11.1	8
42	Composite Kernel Machine Regression Based on Likelihood Ratio Test for Joint Testing of Genetic and Gene-Environment Interaction Effect. <i>Biometrics</i> , 2019, 75, 625-637.	1.4	7
43	Low Diversity in Nasal Microbiome Associated With <i>Staphylococcus aureus</i> Colonization and Bloodstream Infections in Hospitalized Neonates. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab475.	0.9	6
44	MiRKAT-MC: A Distance-Based Microbiome Kernel Association Test With Multi-Categorical Outcomes. <i>Frontiers in Genetics</i> , 2022, 13, 841764.	2.3	4
45	Composite Kernel Association Test (CKAT) for SNP-set joint assessment of genotype and genotype-by-treatment interaction in Pharmacogenetics studies. <i>Bioinformatics</i> , 2020, 36, 3162-3168.	4.1	3
46	Meta-analysis methods for multiple related markers: Applications to microbiome studies with the results on multiple diversity indices. <i>Statistics in Medicine</i> , 2021, 40, 2859-2876.	1.6	3