

# Yi-Juan Hu

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,183  
citations

567281

15  
h-index

434195

31  
g-index

52  
all docs

52  
docs citations

52  
times ranked

2505  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrative Analysis of Multi-omics Data for Discovery and Functional Studies of Complex Human Diseases. <i>Advances in Genetics</i> , 2016, 93, 147-190.	1.8	306
2	Innate, T-, and B-Cell Responses in Acute Human Zika Patients. <i>Clinical Infectious Diseases</i> , 2018, 66, 1-10.	5.8	162
3	Continuous Retention and Viral Suppression Provide Further Insights Into the HIV Care Continuum Compared to the Cross-sectional HIV Care Cascade. <i>Clinical Infectious Diseases</i> , 2016, 62, 648-654.	5.8	102
4	eQTL Mapping Using RNA-seq Data. <i>Statistics in Biosciences</i> , 2013, 5, 198-219.	1.2	73
5	Testing hypotheses about the microbiome using the linear decomposition model (LDM). <i>Bioinformatics</i> , 2020, 36, 4106-4115.	4.1	73
6	Proper Use of Allele-Specific Expression Improves Statistical Power for cis-eQTL Mapping with RNA-Seq Data. <i>Journal of the American Statistical Association</i> , 2015, 110, 962-974.	3.1	52
7	Cordycepin (3 $\beta$ -deoxyadenosine) suppressed HMGA2, Twist1 and ZEB1-dependent melanoma invasion and metastasis by targeting miR-33b. <i>Oncotarget</i> , 2015, 6, 9834-9853.	1.8	46
8	Vaginal Microbiome Composition in Early Pregnancy and Risk of Spontaneous Preterm and Early Term Birth Among African American Women. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 641005.	3.9	41
9	The oral microbiome and inflammation in mild cognitive impairment. <i>Experimental Gerontology</i> , 2021, 147, 111273.	2.8	29
10	Impact of Selection Bias on Estimation of Subsequent Event Risk. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	28
11	Testing Rare-Variant Association without Calling Genotypes Allows for Systematic Differences in Sequencing between Cases and Controls. <i>PLoS Genetics</i> , 2016, 12, e1006040.	3.5	26
12	Comparison of vaginal microbiota in gynecologic cancer patients pre- and post-radiation therapy and healthy women. <i>Cancer Medicine</i> , 2020, 9, 3714-3724.	2.8	23
13	Sexual Differences in Genetic Predisposition of Coronary Artery Disease. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003147.	3.6	22
14	C6-ceramide nanoliposome suppresses tumor metastasis by eliciting PI3K and PKC $\eta$ tumor-suppressive activities and regulating integrin affinity modulation. <i>Scientific Reports</i> , 2015, 5, 9275.	3.3	21
15	PhredEM: a phred-score-informed genotype-calling approach for next-generation sequencing studies. <i>Genetic Epidemiology</i> , 2017, 41, 375-387.	1.3	21
16	A rarefaction-based extension of the LDM for testing presence-absence associations in the microbiome. <i>Bioinformatics</i> , 2021, 37, 1652-1657.	4.1	18
17	Constraining PERMANOVA and LDM to within-set comparisons by projection improves the efficiency of analyses of matched sets of microbiome data. <i>Microbiome</i> , 2021, 9, 133.	11.1	17
18	Repeated rectal application of a hyperosmolar lubricant is associated with microbiota shifts but does not affect PrEP drug concentrations: results from a randomized trial in men who have sex with men. <i>Journal of the International AIDS Society</i> , 2018, 21, e25199.	3.0	13

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19	eQTL mapping using allele-specific count data is computationally feasible, powerful, and provides individual-specific estimates of genetic effects. <i>PLoS Genetics</i> , 2022, 18, e1010076.	3.5	13
20	One Size Doesn't Fit All - RefEditor: Building Personalized Diploid Reference Genome to Improve Read Mapping and Genotype Calling in Next Generation Sequencing Studies. <i>PLoS Computational Biology</i> , 2015, 11, e1004448.	3.2	11
21	A Bottom-Up Approach to Testing Hypotheses That Have a Branching Tree Dependence Structure, With Error Rate Control. <i>Journal of the American Statistical Association</i> , 2022, 117, 664-677.	3.1	8
22	A new approach to testing mediation of the microbiome at both the community and individual taxon levels. <i>Bioinformatics</i> , 2022, 38, 3173-3180.	4.1	8
23	Integrative analysis of relative abundance data and presence-absence data of the microbiome using the LDM. <i>Bioinformatics</i> , 2022, 38, 2915-2917.	4.1	7
24	Oral microbiome of electronic cigarette users: A cross-sectional exploration. <i>Oral Diseases</i> , 2023, 29, 1875-1884.	3.0	7
25	Distribution of Functional CD4 and CD8 T cell Subsets in Blood and Rectal Mucosal Tissues. <i>Scientific Reports</i> , 2019, 9, 6951.	3.3	6
26	A rarefaction-without-resampling extension of PERMANOVA for testing presence-absence associations in the microbiome. <i>Bioinformatics</i> , 2022, 38, 3689-3697.	4.1	6
27	Shiftwork, functional bowel symptoms, and the microbiome. <i>PeerJ</i> , 2021, 9, e11406.	2.0	5
28	Exploring the Anal Microbiome in HIV Positive and High-Risk HIV Negative Women. <i>AIDS Research and Human Retroviruses</i> , 2022, 38, 228-236.	1.1	3
29	Interaction between genetics and smoking in determining risk of coronary artery diseases. <i>Genetic Epidemiology</i> , 2022, 46, 199-212.	1.3	3
30	Condomless receptive anal intercourse is associated with markers of mucosal inflammation in a cohort of men who have sex with men in Atlanta, Georgia. <i>Journal of the International AIDS Society</i> , 2021, 24, e25859.	3.0	3
31	Extension of PERMANOVA to Testing the Mediation Effect of the Microbiome. <i>Genes</i> , 2022, 13, 940.	2.4	3
32	Determinants Of Heme-Oxygenase-1 Upregulation In Patients With Sickle Cell Disease. <i>Blood</i> , 2013, 122, 2235-2235.	1.4	2
33	Robust inference of population structure from next-generation sequencing data with systematic differences in sequencing. <i>Bioinformatics</i> , 2018, 34, 1157-1163.	4.1	1
34	Exploring the Vaginal Microbiome and Intravaginal Practices in Postmenopausal Women. <i>Nursing Research</i> , 2021, 70, 405-411.	1.7	1
35	011 Shiftwork, Functional Bowel Symptoms and the Microbiome. <i>Sleep</i> , 2021, 44, A6-A6.	1.1	0