

Huilin Li

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

7,302
citations

172386

29
h-index

102432

66
g-index

78
all docs

78
docs citations

78
times ranked

10900
citing authors

#	ARTICLE	IF	CITATIONS
1	Altering the Intestinal Microbiota during a Critical Developmental Window Has Lasting Metabolic Consequences. <i>Cell</i> , 2014, 158, 705-721.	13.5	1,493
2	Antibiotics in early life alter the murine colonic microbiome and adiposity. <i>Nature</i> , 2012, 488, 621-626.	13.7	1,358
3	Antibiotics, birth mode, and diet shape microbiome maturation during early life. <i>Science Translational Medicine</i> , 2016, 8, 343ra82.	5.8	1,012
4	Cigarette smoking and the oral microbiome in a large study of American adults. <i>ISME Journal</i> , 2016, 10, 2435-2446.	4.4	445
5	Metabolic and metagenomic outcomes from early-life pulsed antibiotic treatment. <i>Nature Communications</i> , 2015, 6, 7486.	5.8	317
6	Antibiotic-mediated gut microbiome perturbation accelerates development of type 1 diabetes in mice. <i>Nature Microbiology</i> , 2016, 1, 16140.	5.9	275
7	q2-longitudinal: Longitudinal and Paired-Sample Analyses of Microbiome Data. <i>MSystems</i> , 2018, 3, .	1.7	210
8	RAGE Regulates the Metabolic and Inflammatory Response to High-Fat Feeding in Mice. <i>Diabetes</i> , 2014, 63, 1948-1965.	0.3	168
9	Antibiotic perturbation of the murine gut microbiome enhances the adiposity, insulin resistance, and liver disease associated with high-fat diet. <i>Genome Medicine</i> , 2016, 8, 48.	3.6	153
10	Lower Airway Dysbiosis Affects Lung Cancer Progression. <i>Cancer Discovery</i> , 2021, 11, 293-307.	7.7	139
11	Cutaneous microbiome effects of fluticasone propionate cream and adjunctive bleach baths in childhood atopic dermatitis. <i>Journal of the American Academy of Dermatology</i> , 2016, 75, 481-493.e8.	0.6	127
12	Periodontal pathogens are a risk factor of oral cavity squamous cell carcinoma, independent of tobacco and alcohol and human papillomavirus. <i>International Journal of Cancer</i> , 2019, 145, 775-784.	2.3	101
13	Microbial signatures in the lower airways of mechanically ventilated COVID-19 patients associated with poor clinical outcome. <i>Nature Microbiology</i> , 2021, 6, 1245-1258.	5.9	101
14	Long-Term Survival Among Patients With Hodgkin's Lymphoma Who Developed Breast Cancer: A Population-Based Study. <i>Journal of Clinical Oncology</i> , 2010, 28, 5088-5096.	0.8	82
15	Parametric bootstrap approximation to the distribution of EBLUP and related prediction intervals in linear mixed models. <i>Annals of Statistics</i> , 2008, 36, .	1.4	70
16	Antibiotic-induced acceleration of type 1 diabetes alters maturation of innate intestinal immunity. <i>ELife</i> , 2018, 7, .	2.8	70
17	A powerful microbiome-based association test and a microbial taxa discovery framework for comprehensive association mapping. <i>Microbiome</i> , 2017, 5, 45.	4.9	63
18	Oxalobacter formigenes-associated host features and microbial community structures examined using the American Gut Project. <i>Microbiome</i> , 2017, 5, 108.	4.9	59

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19	RAGE binds preamyloid IAPP intermediates and mediates pancreatic β^2 cell proteotoxicity. <i>Journal of Clinical Investigation</i> , 2018, 128, 682-698.	3.9	58
20	An adjusted maximum likelihood method for solving small area estimation problems. <i>Journal of Multivariate Analysis</i> , 2010, 101, 882-892.	0.5	56
21	Elevated 1-hour plasma glucose levels are associated with dysglycemia, impaired beta-cell function, and insulin sensitivity: a pilot study from a real world health care setting. <i>Endocrine</i> , 2016, 52, 172-175.	1.1	49
22	The impact of early-life sub-therapeutic antibiotic treatment (STAT) on excessive weight is robust despite transfer of intestinal microbes. <i>ISME Journal</i> , 2019, 13, 1280-1292.	4.4	47
23	Survival after second primary lung cancer. <i>Cancer</i> , 2011, 117, 5538-5547.	2.0	42
24	Estimating and testing the microbial causal mediation effect with high-dimensional and compositional microbiome data. <i>Bioinformatics</i> , 2020, 36, 347-355.	1.8	41
25	The Association Between Smoking and Gut Microbiome in Bangladesh. <i>Nicotine and Tobacco Research</i> , 2020, 22, 1339-1346.	1.4	39
26	RAGE impairs murine diabetic atherosclerosis regression and implicates IRF7 in macrophage inflammation and cholesterol metabolism. <i>JCI Insight</i> , 2020, 5, .	2.3	38
27	Soluble RAGE Treatment Delays Progression of Amyotrophic Lateral Sclerosis in SOD1 Mice. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 117.	1.8	34
28	A highly adaptive microbiome-based association test for survival traits. <i>BMC Genomics</i> , 2018, 19, 210.	1.2	34
29	Maternal cecal microbiota transfer rescues early-life antibiotic-induced enhancement of type 1 diabetes in mice. <i>Cell Host and Microbe</i> , 2021, 29, 1249-1265.e9.	5.1	32
30	<i>Ager</i> Deletion Enhances Ischemic Muscle Inflammation, Angiogenesis, and Blood Flow Recovery in Diabetic Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1536-1547.	1.1	31
31	A multivariate distance-based analytic framework for microbial interdependence association test in longitudinal study. <i>Genetic Epidemiology</i> , 2017, 41, 769-778.	0.6	31
32	The association between gut microbiome and anthropometric measurements in Bangladesh. <i>Gut Microbes</i> , 2020, 11, 63-76.	4.3	31
33	The role of gut microbiome and its interaction with arsenic exposure in carotid intima-media thickness in a Bangladesh population. <i>Environment International</i> , 2019, 123, 104-113.	4.8	30
34	A two-stage microbial association mapping framework with advanced FDR control. <i>Microbiome</i> , 2018, 6, 131.	4.9	29
35	Small-molecule antagonism of the interaction of the RAGE cytoplasmic domain with DIAPH1 reduces diabetic complications in mice. <i>Science Translational Medicine</i> , 2021, 13, eabf7084.	5.8	28
36	miR-33 Silencing Reprograms the Immune Cell Landscape in Atherosclerotic Plaques. <i>Circulation Research</i> , 2021, 128, 1122-1138.	2.0	27

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37	Oral and gastric microbiome in relation to gastric intestinal metaplasia. <i>International Journal of Cancer</i> , 2022, 150, 928-940.	2.3	25
38	Comparative prevalence of <i>Oxalobacter formigenes</i> in three human populations. <i>Scientific Reports</i> , 2019, 9, 574.	1.6	24
39	Using cases to strengthen inference on the association between single nucleotide polymorphisms and a secondary phenotype in genome-wide association studies. <i>Genetic Epidemiology</i> , 2010, 34, 427-433.	0.6	23
40	Efficient Adaptively Weighted Analysis of Secondary Phenotypes in Case-Control Genome-Wide Association Studies. <i>Human Heredity</i> , 2012, 73, 159-173.	0.4	23
41	Differential effects of depot medroxyprogesterone acetate administration on vaginal microbiome in Hispanic White and Black women. <i>Emerging Microbes and Infections</i> , 2019, 8, 197-210.	3.0	23
42	The Healthy Hearts and Kidneys (HHK) study: Design of a 2 Å– 2 RCT of technology-supported self-monitoring and social cognitive theory-based counseling to engage overweight people with diabetes and chronic kidney disease in multiple lifestyle changes. <i>Contemporary Clinical Trials</i> , 2018, 64, 265-273.	0.8	21
43	Diaphanous 1 (DIAPH1) is Highly Expressed in the Aged Human Medial Temporal Cortex and Upregulated in Myeloid Cells During Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 64, 995-1007.	1.2	18
44	The rationale and design of the personal diet study, a randomized clinical trial evaluating a personalized approach to weight loss in individuals with pre-diabetes and early-stage type 2 diabetes. <i>Contemporary Clinical Trials</i> , 2019, 79, 80-88.	0.8	18
45	Tobacco Smoking and the Fecal Microbiome in a Large, Multi-ethnic Cohort. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 1328-1335.	1.1	17
46	Microglia RAGE exacerbates the progression of neurodegeneration within the SOD1G93A murine model of amyotrophic lateral sclerosis in a sex-dependent manner. <i>Journal of Neuroinflammation</i> , 2021, 18, 139.	3.1	16
47	AGE/RAGE/DIAPH1 axis is associated with immunometabolic markers and risk of insulin resistance in subcutaneous but not omental adipose tissue in human obesity. <i>International Journal of Obesity</i> , 2021, 45, 2083-2094.	1.6	15
48	Autoimmune anti-DNA and anti-phosphatidylserine antibodies predict development of severe COVID-19. <i>Life Science Alliance</i> , 2021, 4, e202101180.	1.3	15
49	Microbial dysbiosis is associated with aggressive histology and adverse clinical outcome in B-cell non-Hodgkin lymphoma. <i>Blood Advances</i> , 2021, 5, 1194-1198.	2.5	14
50	Mediation effect selection in high-dimensional and compositional microbiome data. <i>Statistics in Medicine</i> , 2021, 40, 885-896.	0.8	13
51	Feasibility and Acceptability of mHealth Interventions for Managing Hyperphosphatemia in Patients Undergoing Hemodialysis. , 2021, 31, 403-410.		10
52	Teaching Hospitals and the Disconnect Between Technology Adoption and Comparative Effectiveness Research: The Case of the Surgical Robot. <i>Medical Care Research and Review</i> , 2017, 74, 369-376.	1.0	8
53	The Association of Veterans' PSA Screening Rates With Changes in USPSTF Recommendations. <i>Journal of the National Cancer Institute</i> , 2021, 113, 626-631.	3.0	8
54	Interaction between race and prostate cancer treatment benefit in the Veterans Health Administration. <i>Cancer</i> , 2021, 127, 3985-3990.	2.0	8

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55	Myeloid ATG16L1 does not affect adipose tissue inflammation or body mass in mice fed high fat diet. <i>Obesity Research and Clinical Practice</i> , 2018, 12, 174-186.	0.8	7
56	Variables affecting survival after second primary lung cancer: A population-based study of 187 Hodgkin's lymphoma patients. <i>Journal of Thoracic Disease</i> , 2012, 4, 22-9.	0.6	7
57	Pathogen Species Is Associated With Mortality in Nosocomial Bloodstream Infection in Patients With COVID-19. <i>Open Forum Infectious Diseases</i> , 2022, 9, .	0.4	6
58	Likelihood ratio and score tests to test the non-inferiority (or equivalence) of the odds ratio in a crossover study with binary outcomes. <i>Statistics in Medicine</i> , 2016, 35, 3471-3481.	0.8	5
59	The AGE-RAGE axis in an Arab population: The United Arab Emirates Healthy Futures (UAEHFS) pilot study. <i>Journal of Clinical and Translational Endocrinology</i> , 2017, 10, 1-8.	1.0	5
60	Soluble Receptor for Advanced Glycation End Products (sRAGE) Isoforms Predict Changes in Resting Energy Expenditure in Adults with Obesity during Weight Loss. <i>Current Developments in Nutrition</i> , 2022, 6, nzac046.	0.1	5
61	Institutional Characteristics Associated with Receipt of Emergency Care for Obstructive Pyelonephritis at Community Hospitals. <i>Journal of Urology</i> , 2015, 193, 851-856.	0.2	4
62	Joint modeling of zero-inflated longitudinal proportions and time-to-event data with application to a gut microbiome study. <i>Biometrics</i> , 2022, 78, 1686-1698.	0.8	4
63	Microbial trend analysis for common dynamic trend, group comparison, and classification in longitudinal microbiome study. <i>BMC Genomics</i> , 2021, 22, 667.	1.2	3
64	Gut Microbiota and Subjective Memory Complaints in Older Women. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-12.	1.2	3
65	Covariate Adjustment and Ranking Methods to Identify Regions with High and Low Mortality Rates. <i>Biometrics</i> , 2010, 66, 613-620.	0.8	2
66	Efficient unified rare variant association test by modeling the population genetic distribution in case-control studies. <i>Genetic Epidemiology</i> , 2016, 40, 579-590.	0.6	2
67	Metabolic dysfunction in Emirati subjects in Abu Dhabi: Relationship to levels of soluble RAGEs. <i>Journal of Clinical and Translational Endocrinology</i> , 2019, 16, 100192.	1.0	2
68	ARZIMM: A Novel Analytic Platform for the Inference of Microbial Interactions and Community Stability from Longitudinal Microbiome Study. <i>Frontiers in Genetics</i> , 2022, 13, 777877.	1.1	1
69	[O14]: RAGE AND DIAPHRASE1 REGULATE CRITICAL PHENOTYPES OF MICROGLIA IN HEALTHY AGING AND ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P229.	0.4	0
70	Dietary Inflammatory Index and Cardiovascular Disease Risk Factors in Patients With Chronic Kidney Disease and Type 2 Diabetes. <i>Current Developments in Nutrition</i> , 2021, 5, 412.	0.1	0
71	Power of the Cochran-Armitage trend test when exposure scores are based on empirical quantiles of exposure. <i>Statistics and Its Interface</i> , 2012, 5, 237-251.	0.2	0
72	Abstract 148: AGES, Receptor for Advanced Glycation End Products (RAGE), Reverse Transmigration of Macrophages & Polarization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, .	1.1	0