

Ming-bang Wang

List of Publications by Citations

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Version: 2024-04-26

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

56
papers

5,404
citations

18
h-index

61
g-index

61
ext. papers

6,993
ext. citations

5.5
avg, IF

4.42
L-index

#	Paper	IF	Citations
56	A metagenome-wide association study of gut microbiota in type 2 diabetes. <i>Nature</i> , 2012 , 490, 55-60	50.4	3779
55	Detection of clinically relevant genetic variants in autism spectrum disorder by whole-genome sequencing. <i>American Journal of Human Genetics</i> , 2013 , 93, 249-63	11	345
54	An integrated clinico-metabolomic model improves prediction of death in sepsis. <i>Science Translational Medicine</i> , 2013 , 5, 195ra95	17.5	282
53	Genome-wide characteristics of mutations in autism. <i>Npj Genomic Medicine</i> , 2016 , 1, 1602711-1602710	6.2	126
52	Novel loci and pathways significantly associated with longevity. <i>Scientific Reports</i> , 2016 , 6, 21243	4.9	105
51	Alterations in Gut Glutamate Metabolism Associated with Changes in Gut Microbiota Composition in Children with Autism Spectrum Disorder. <i>MSystems</i> , 2019 , 4,	7.6	71
50	Altered gut microbiota and mucosal immunity in patients with schizophrenia. <i>Brain, Behavior, and Immunity</i> , 2020 , 85, 120-127	16.6	66
49	Encephalitis is an important clinical component of myelin oligodendrocyte glycoprotein antibody associated demyelination: a single-center cohort study in Shanghai, China. <i>European Journal of Neurology</i> , 2019 , 26, 168-174	6	56
48	Similarly in depression, nuances of gut microbiota: Evidences from a shotgun metagenomics sequencing study on major depressive disorder versus bipolar disorder with current major depressive episode patients. <i>Journal of Psychiatric Research</i> , 2019 , 113, 90-99	5.2	52
47	Shotgun metagenomics reveals an enrichment of potentially cross-reactive bacterial epitopes in ankylosing spondylitis patients, as well as the effects of TNFi therapy upon microbiome composition. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 132-140	2.4	47
46	Characteristics of Tumor Infiltrating Lymphocyte and Circulating Lymphocyte Repertoires in Pancreatic Cancer by the Sequencing of T Cell Receptors. <i>Scientific Reports</i> , 2015 , 5, 13664	4.9	42
45	Alteration of gut microbiota-associated epitopes in children with autism spectrum disorders. <i>Brain, Behavior, and Immunity</i> , 2019 , 75, 192-199	16.6	39
44	Whole Exome Sequencing Identifies Frequent Somatic Mutations in Cell-Cell Adhesion Genes in Chinese Patients with Lung Squamous Cell Carcinoma. <i>Scientific Reports</i> , 2015 , 5, 14237	4.9	34
43	Shotgun metagenomics reveals both taxonomic and tryptophan pathway differences of gut microbiota in major depressive disorder patients. <i>Psychological Medicine</i> , 2021 , 51, 90-101	6.9	29
42	Altered Urinary Amino Acids in Children With Autism Spectrum Disorders. <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 7	6.1	28
41	Prognostic analysis for carcinoid tumours of the rectum: a single institutional analysis of 106 patients. <i>Colorectal Disease</i> , 2011 , 13, 150-3	2.1	25
40	Analysis of the Repertoire Features of TCR Beta Chain CDR3 in Human by High-Throughput Sequencing. <i>Cellular Physiology and Biochemistry</i> , 2016 , 39, 651-67	3.9	23

39	Impaired mitochondrial oxidative phosphorylation in multiple insulin-sensitive tissues of humans with type 2 diabetes mellitus. <i>Journal of International Medical Research</i> , 2010 , 38, 769-81	1.4	20
38	Diversity of Gut Microbiota Metabolic Pathways in 10 Pairs of Chinese Infant Twins. <i>PLoS ONE</i> , 2016 , 11, e0161627	3.7	18
37	Upregulation of Circulating miR-195-3p in Heart Failure. <i>Cardiology</i> , 2017 , 138, 107-114	1.6	17
36	Association of serum bilirubin in newborns affected by jaundice with gut microbiota dysbiosis. <i>Journal of Nutritional Biochemistry</i> , 2019 , 63, 54-61	6.3	17
35	Resection of liver metastases from breast cancer: a multicentre analysis. <i>Clinical and Translational Oncology</i> , 2020 , 22, 512-521	3.6	15
34	High prevalence of serum folate receptor autoantibodies in children with autism spectrum disorders. <i>Biomarkers</i> , 2018 , 23, 622-624	2.6	14
33	Increased stool immunoglobulin A level in children with autism spectrum disorders. <i>Research in Developmental Disabilities</i> , 2018 , 82, 90-94	2.7	14
32	Genomic landscapes of Chinese sporadic autism spectrum disorders revealed by whole-genome sequencing. <i>Journal of Genetics and Genomics</i> , 2018 , 45, 527-538	4	12
31	Oral Health Status of Chinese Children With Autism Spectrum Disorders. <i>Frontiers in Psychiatry</i> , 2020 , 11, 398	5	11
30	Tumour diameter is a predictor of mesorectal and mesenteric lymph node metastases in anorectal melanoma. <i>Colorectal Disease</i> , 2013 , 15, 1086-92	2.1	11
29	Shotgun metagenomics reveals both taxonomic and tryptophan pathway differences of gut microbiota in bipolar disorder with current major depressive episode patients. <i>Journal of Affective Disorders</i> , 2021 , 278, 311-319	6.6	11
28	Copy number variations independently induce autism spectrum disorder. <i>Bioscience Reports</i> , 2017 , 37,	4.1	8
27	Comprehensive investigation of cytokine- and immune-related gene variants in HBV-associated hepatocellular carcinoma patients. <i>Bioscience Reports</i> , 2017 , 37,	4.1	7
26	Association of MTTP gene variants with pediatric NAFLD: A candidate-gene-based analysis of single nucleotide variations in obese children. <i>PLoS ONE</i> , 2017 , 12, e0185396	3.7	7
25	Virulence factor-related gut microbiota genes and immunoglobulin A levels as novel markers for machine learning-based classification of autism spectrum disorder. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 545-554	6.8	7
24	Mass spectrometry identification of potential biomarker proteins in the 150-kD electrophoretic band in patients with schizophrenia. <i>Medicine (United States)</i> , 2018 , 97, e13553	1.8	7
23	Genetic variants in the TEP1 gene are associated with prostate cancer risk and recurrence. <i>Prostate Cancer and Prostatic Diseases</i> , 2015 , 18, 310-6	6.2	6
22	Whole genome sequencing identifies a novel ALMS1 gene mutation in two Chinese siblings with Alström syndrome. <i>BMC Medical Genetics</i> , 2017 , 18, 75	2.1	6

21	Multiple gene mutations identified in patients infected with influenza A (H7N9) virus. <i>Scientific Reports</i> , 2016 , 6, 25614	4.9	6
20	Gut Microbiota May Mediate the Influence of Periodontitis on Prediabetes. <i>Journal of Dental Research</i> , 2021 , 100, 1387-1396	8.1	5
19	Composition and Variation Analysis of the T Cell Receptor EChain Complementarity Determining Region 3 Repertoire in Neonatal Sepsis. <i>Scandinavian Journal of Immunology</i> , 2017 , 86, 418-423	3.4	4
18	Altered Gut Microbiota Taxonomic Compositions of Patients With Sepsis in a Pediatric Intensive Care Unit. <i>Frontiers in Pediatrics</i> , 2021 , 9, 645060	3.4	4
17	Machine learning applied to serum and cerebrospinal fluid metabolomes revealed altered arginine metabolism in neonatal sepsis with meningoencephalitis. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 3284-3292	6.8	4
16	Design of a Targeted Sequencing Assay to Detect Rare Mutations in Circulating Tumor DNA. <i>Genetic Testing and Molecular Biomarkers</i> , 2019 , 23, 264-269	1.6	3
15	Association between SCN1A and SCN2A mutations and clinical/EEG features in Chinese patients from epilepsy or severe seizures. <i>Clinica Chimica Acta</i> , 2018 , 483, 14-19	6.2	3
14	Metagenomic Next-Generation Sequencing of Bloodstream Microbial Cell-Free Nucleic Acid in Children With Suspected Sepsis in Pediatric Intensive Care Unit. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 665226	5.9	3
13	Comprehensive investigating of cytokine and receptor related genes variants in patients with chronic hepatitis B virus infection. <i>Cytokine</i> , 2018 , 103, 10-14	4	2
12	Whole-Exome Sequencing Revealing De Novo Heterozygous Variant OF KCNT1 in a Twin Discordant for Benign Epilepsy with Centrotemporal Spikes. <i>Journal of Paediatrics and Child Health</i> , 2018 , 54, 709-710	1.3	2
11	Oral Microbiota Changes Contribute to Autism Spectrum Disorder in Mice.. <i>Journal of Dental Research</i> , 2022 , 220345211070470	8.1	2
10	Data on mutations and Clinical features in SCN1A or SCN2A gene. <i>Data in Brief</i> , 2019 , 22, 492-501	1.2	2
9	Altered Actinobacteria and Firmicutes Phylum Associated Epitopes in Patients With Parkinson's Disease. <i>Frontiers in Immunology</i> , 2021 , 12, 632482	8.4	2
8	Frequent mutation of hypoxia-related genes in persistent pulmonary hypertension of the newborn. <i>Respiratory Research</i> , 2020 , 21, 53	7.3	1
7	High-throughput sequencing of autism spectrum disorders comes of age. <i>Genetical Research</i> , 2013 , 95, 121-9	1.1	1
6	Oral, Nasal, and Gut Microbiota in Parkinson's Disease. <i>Neuroscience</i> , 2021 , 480, 65-78	3.9	1
5	The Alteration of Salivary Immunoglobulin A in Autism Spectrum Disorders. <i>Frontiers in Psychiatry</i> , 2021 , 12, 669193	5	1
4	A low abundance of genus in gut microbiota is negatively correlated with blood phenylalanine levels in Uygur patients with phenylketonuria. <i>Translational Pediatrics</i> , 2021 , 10, 2521-2532	4.2	0

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| 3 | Machine learning approach identifies meconium metabolites as potential biomarkers of neonatal hyperbilirubinemia.. <i>Computational and Structural Biotechnology Journal</i> , 2022 , 20, 1778-1784 | 6.8 | o |
| 2 | In vitro subminimum inhibitory concentrations of macrolide antibiotics induce macrolide resistance in <i>Mycoplasma pneumoniae</i> . <i>Hippokratia</i> , 2015 , 19, 57-62 | 0.4 | |
| 1 | Clinical Manifestations of Neonatal Hyperbilirubinemia Are Related to Alterations in the Gut Microbiota. <i>Children</i> , 2022 , 9, 764 | 2.8 | |