Ming-bang Wang

List of Publications by Year
in descending order

59 papers	7,960 citations	279487 23 h-index	138251 58 g-index
61 all docs	61 docs citations	61 times ranked	14937 citing authors

#	Article	IF	Citations
1	A metagenome-wide association study of gut microbiota in type 2 diabetes. Nature, 2012, 490, 55-60.	13.7	5,345
2	Detection of Clinically Relevant Genetic Variants in Autism Spectrum Disorder by Whole-Genome Sequencing. American Journal of Human Genetics, 2013, 93, 249-263.	2.6	429
3	An Integrated Clinico-Metabolomic Model Improves Prediction of Death in Sepsis. Science Translational Medicine, 2013, 5, 195ra95.	5.8	380
4	Genome-wide characteristics of de novo mutations in autism. Npj Genomic Medicine, 2016, 1, 160271-1602710.	1.7	200
5	Novel loci and pathways significantly associated with longevity. Scientific Reports, 2016, 6, 21243.	1.6	145
6	Altered gut microbiota and mucosal immunity in patients with schizophrenia. Brain, Behavior, and Immunity, 2020, 85, 120-127.	2.0	137
7	Alterations in Gut Glutamate Metabolism Associated with Changes in Gut Microbiota Composition in Children with Autism Spectrum Disorder. MSystems, 2019, 4, .	1.7	113
8	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. Journal of Psychiatric Research, 2019, 113, 90-99.	1.5	111
9	Encephalitis is an important clinical component of myelin oligodendrocyte glycoprotein antibody associated demyelination: a single‐center cohort study in Shanghai, China. European Journal of Neurology, 2019, 26, 168-174.	1.7	88
10	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. Annals of the Rheumatic Diseases, 2020, 79, 132-140.	0.5	82
11	Shotgun metagenomics reveals both taxonomic and tryptophan pathway differences of gut microbiota in major depressive disorder patients. Psychological Medicine, 2021, 51, 90-101.	2.7	70
12	Alteration of gut microbiota-associated epitopes in children with autism spectrum disorders. Brain, Behavior, and Immunity, 2019, 75, 192-199.	2.0	54
13	Whole Exome Sequencing Identifies Frequent Somatic Mutations in Cell-Cell Adhesion Genes in Chinese Patients with Lung Squamous Cell Carcinoma. Scientific Reports, 2015, 5, 14237.	1.6	51
14	Characteristics of Tumor Infiltrating Lymphocyte and Circulating Lymphocyte Repertoires in Pancreatic Cancer by the Sequencing of T Cell Receptors. Scientific Reports, 2015, 5, 13664.	1.6	49
15	Gut Microbiota May Mediate the Influence of Periodontitis on Prediabetes. Journal of Dental Research, 2021, 100, 1387-1396.	2.5	41
16	Altered Urinary Amino Acids in Children With Autism Spectrum Disorders. Frontiers in Cellular Neuroscience, 2019, 13, 7.	1.8	40
17	Analysis of the Repertoire Features of TCR Beta Chain CDR3 in Human by High-Throughput Sequencing. Cellular Physiology and Biochemistry, 2016, 39, 651-667.	1.1	39
18	Association of serum bilirubin in newborns affected by jaundice with gut microbiota dysbiosis. Journal of Nutritional Biochemistry, 2019, 63, 54-61.	1.9	36

#	Article	IF	Citations
19	Shotgun metagenomics reveals both taxonomic and tryptophan pathway differences of gut microbiota in bipolar disorder with current major depressive episode patients. Journal of Affective Disorders, 2021, 278, 311-319.	2.0	34
20	Genomic landscapes of Chinese sporadic autism spectrum disorders revealed by whole-genome sequencing. Journal of Genetics and Genomics, 2018, 45, 527-538.	1.7	33
21	Upregulation of Circulating miR-195-3p in Heart Failure. Cardiology, 2017, 138, 107-114.	0.6	29
22	Oral Health Status of Chinese Children With Autism Spectrum Disorders. Frontiers in Psychiatry, 2020, 11, 398.	1.3	28
23	Impaired mitochondrial oxidative phosphorylation in multiple insulin-sensitive tissues of humans with type 2 diabetes mellitus. Journal of International Medical Research, 2010, 38, 769-81.	0.4	28
24	Diversity of Gut Microbiota Metabolic Pathways in 10 Pairs of Chinese Infant Twins. PLoS ONE, 2016, 11, e0161627.	1.1	27
25	Prognostic analysis for carcinoid tumours of the rectum: a single institutional analysis of 106 patients. Colorectal Disease, 2011, 13, 150-153.	0.7	26
26	Resection of liver metastases from breast cancer: a multicentre analysis. Clinical and Translational Oncology, 2020, 22, 512-521.	1.2	24
27	Metagenomic Next-Generation Sequencing of Bloodstream Microbial Cell-Free Nucleic Acid in Children With Suspected Sepsis in Pediatric Intensive Care Unit. Frontiers in Cellular and Infection Microbiology, 2021, 11, 665226.	1.8	24
28	Increased stool immunoglobulin A level in children with autism spectrum disorders. Research in Developmental Disabilities, 2018, 82, 90-94.	1.2	23
29	Oral, Nasal, and Gut Microbiota in Parkinson's Disease. Neuroscience, 2022, 480, 65-78.	1.1	22
30	High prevalence of serum folate receptor autoantibodies in children with autism spectrum disorders. Biomarkers, 2018, 23, 622-624.	0.9	21
31	Altered Actinobacteria and Firmicutes Phylum Associated Epitopes in Patients With Parkinson's Disease. Frontiers in Immunology, 2021, 12, 632482.	2.2	21
32	Tumour diameter is a predictor of mesorectal and mesenteric lymph node metastases in anorectal melanoma. Colorectal Disease, 2013, 15, 1086-1092.	0.7	19
33	Virulence factor-related gut microbiota genes and immunoglobulin A levels as novel markers for machine learning-based classification of autism spectrum disorder. Computational and Structural Biotechnology Journal, 2021, 19, 545-554.	1.9	19
34	Copy number variations independently induce autism spectrum disorder. Bioscience Reports, 2017, 37, .	1.1	15
35	Altered Gut Microbiota Taxonomic Compositions of Patients With Sepsis in a Pediatric Intensive Care Unit. Frontiers in Pediatrics, 2021, 9, 645060.	0.9	15
36	Machine learning applied to serum and cerebrospinal fluid metabolomes revealed altered arginine metabolism in neonatal sepsis with meningoencephalitis. Computational and Structural Biotechnology Journal, 2021, 19, 3284-3292.	1.9	14

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37	Association of MTTP gene variants with pediatric NAFLD: A candidate-gene-based analysis of single nucleotide variations in obese children. PLoS ONE, 2017, 12, e0185396.	1.1	12
38	Genetic variants in the TEP1 gene are associated with prostate cancer risk and recurrence. Prostate Cancer and Prostatic Diseases, 2015, 18, 310-316.	2.0	10
39	Whole genome sequencing identifies a novel ALMS1 gene mutation in two Chinese siblings with Alström syndrome. BMC Medical Genetics, 2017, 18, 75.	2.1	10
40	Mass spectrometry identification of potential biomarker proteins in the 150-kD electrophoretic band in patients with schizophrenia. Medicine (United States), 2018, 97, e13553.	0.4	10
41	Comprehensive investigation of cytokine- and immune-related gene variants in HBV-associated hepatocellular carcinoma patients. Bioscience Reports, 2017, 37, .	1.1	8
42	Multiple gene mutations identified in patients infected with influenza A (H7N9) virus. Scientific Reports, 2016, 6, 25614.	1.6	7
43	Data on mutations and Clinical features in SCN1A or SCN2A gene. Data in Brief, 2019, 22, 492-501.	0.5	7
44	The Alteration of Salivary Immunoglobulin A in Autism Spectrum Disorders. Frontiers in Psychiatry, 2021, 12, 669193.	1.3	6
45	Identifying Rare Genetic Variants of Immune Mediators as Risk Factors for Autism Spectrum Disorder. Genes, 2022, 13, 1098.	1.0	6
46	Composition and Variation Analysis of the T Cell Receptor β â€Chain Complementarity Determining Region 3 Repertoire in Neonatal Sepsis. Scandinavian Journal of Immunology, 2017, 86, 418-423.	1.3	5
47	Frequent mutation of hypoxia-related genes in persistent pulmonary hypertension of the newborn. Respiratory Research, 2020, 21, 53.	1.4	5
48	High-throughput sequencing of autism spectrum disorders comes of age. Genetical Research, 2013, 95, 121-129.	0.3	4
49	Association between SCN1A and SCN2A mutations and clinical/EEG features in Chinese patients from epilepsy or severe seizures. Clinica Chimica Acta, 2018, 483, 14-19.	0.5	4
50	Design of a Targeted Sequencing Assay to Detect Rare Mutations in Circulating Tumor DNA. Genetic Testing and Molecular Biomarkers, 2019, 23, 264-269.	0.3	4
51	A low abundance of genus Bacteroides in gut microbiota is negatively correlated with blood phenylalanine levels in Uygur patients with phenylketonuria. Translational Pediatrics, 2021, 10, 2521-2532.	0.5	4
52	Machine learning approach identifies meconium metabolites as potential biomarkers of neonatal hyperbilirubinemia. Computational and Structural Biotechnology Journal, 2022, 20, 1778-1784.	1.9	4
53	Clinical Manifestations of Neonatal Hyperbilirubinemia Are Related to Alterations in the Gut Microbiota. Children, 2022, 9, 764.	0.6	4
54	Comprehensive investigating of cytokine and receptor related genes variants in patients with chronic hepatitis B virus infection. Cytokine, 2018, 103, 10-14.	1.4	3

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55	Oral Microbiota Changes Contribute to Autism Spectrum Disorder in Mice. Journal of Dental Research, 2022, 101, 821-831.	2.5	3
56	Rhamnetin ameliorates macrophage-mediated inflammation and pro-atherosclerosis pathways in apolipoprotein E-deficient mice. Journal of Physiology and Pharmacology, 2021, 72, .	1.1	3
57	Whole‐Exome Sequencing Revealing *De Novo* Heterozygous Variant OF *KCNT1* in a Twin Discordant for Benign Epilepsy with Centrotemporal Spikes. Journal of Paediatrics and Child Health, 2018, 54, 709-710.	0.4	2
58	In vitro subminimum inhibitory concentrations of macrolide antibiotics induce macrolide resistance in Mycoplasma pneumoniae. Hippokratia, 2015, 19, 57-62.	0.3	1
59	Identification of miRNAs, mRNAs, lncRNAs, and circRNAs associated with hepatocellular carcinoma recurrence after interferon treatment. Journal of Biological Regulators and Homeostatic Agents, 2021, 35, .	0.7	1