

# Dapeng Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

2,594  
citations

394421  
19  
h-index

214800  
47  
g-index

59  
all docs

59  
docs citations

59  
times ranked

3971  
citing authors

#	ARTICLE	IF	CITATIONS
1	KaKs_Calculator 2.0: A Toolkit Incorporating Gamma-Series Methods and Sliding Window Strategies. Genomics, Proteomics and Bioinformatics, 2010, 8, 77-80.	6.9	1,301
2	A blood atlas of COVID-19 defines hallmarks of disease severity and specificity. Cell, 2022, 185, 916-938.e58.	28.9	164
3	An immunodominant NP105-113-B*07:02 cytotoxic T cell response controls viral replication and is associated with less severe COVID-19 disease. Nature Immunology, 2022, 23, 50-61.	14.5	110
4	Identification of LZTFL1 as a candidate effector gene at a COVID-19 risk locus. Nature Genetics, 2021, 53, 1606-1615.	21.4	93
5	Single-Cell Network Analysis Identifies DDIT3 as a Nodal Lineage Regulator in Hematopoiesis. Cell Reports, 2015, 11, 1503-1510.	6.4	70
6	A Human IPS Model Implicates Embryonic B-Myeloid Fate Restriction as Developmental Susceptibility to B-Cell Acute Lymphoblastic Leukemia-Associated ETV6-RUNX1. Developmental Cell, 2018, 44, 362-377.e7.	7.0	65
7	Prevalence and antimicrobial susceptibility of <i>Vibrio parahaemolyticus</i> isolated from retail shellfish in Shanghai. Food Control, 2016, 60, 263-268.	5.5	60
8	Distribution of norovirus in oyster tissues. Journal of Applied Microbiology, 2008, 105, 1966-1972.	3.1	51
9	Inactivation conditions for human norovirus measured by an in situ capture-qRT-PCR method. International Journal of Food Microbiology, 2014, 172, 76-82.	4.7	42
10	Nonsynonymous substitution rate (Ka) is a relatively consistent parameter for defining fast-evolving and slow-evolving protein-coding genes. Biology Direct, 2011, 6, 13.	4.6	37
11	Phosphoproteomic analysis reveals plant DNA damage signalling pathways with a functional role for histone H2AX phosphorylation in plant growth under genotoxic stress. Plant Journal, 2019, 100, 1007-1021.	5.7	37
12	Retention of <i>Vibrio parahaemolyticus</i> in oyster tissues after chlorine dioxide treatment. International Journal of Food Microbiology, 2010, 137, 76-80.	4.7	36
13	Bacteriophage potential against <i>Vibrio parahaemolyticus</i> biofilms. Food Control, 2019, 98, 156-163.	5.5	34
14	hppRNA: a Snakemake-based handy parameter-free pipeline for RNA-Seq analysis of numerous samples. Briefings in Bioinformatics, 2018, 19, bbw143.	6.5	32
15	Prevalence and characterization of <i>Salmonella</i> serovars isolated from farm products in Shanghai. Food Control, 2018, 85, 269-275.	5.5	32
16	A Novel Role for Minimal Introns: Routing mRNAs to the Cytosol. PLoS ONE, 2010, 5, e10144.	2.5	27
17	New In Situ Capture Quantitative (Real-Time) Reverse Transcription-PCR Method as an Alternative Approach for Determining Inactivation of Tulane Virus. Applied and Environmental Microbiology, 2014, 80, 2120-2124.	3.1	26
18	The Rice Genome Knowledgebase (RGKbase): an annotation database for rice comparative genomics and evolutionary biology. Nucleic Acids Research, 2012, 41, D1199-D1205.	14.5	25

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19	Hypoxic adaptation of leukemic cells infiltrating the CNS affords a therapeutic strategy targeting VEGFA. <i>Blood</i> , 2017, 129, 3126-3129.	1.4	23
20	Development and evaluation of a novel in situ target-capture approach for aptamer selection of human noroviruses. <i>Talanta</i> , 2019, 193, 199-205.	5.5	20
21	Endometrium On-a-Chip Reveals Insulin- and Glucose-induced Alterations in the Transcriptome and Proteomic Secretome. <i>Endocrinology</i> , 2021, 162, .	2.8	18
22	Trehalose-Induced Remodelling of the Human Microbiota Affects <i>Clostridioides difficile</i> Infection Outcome in an In Vitro Colonic Model: A Pilot Study. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 670935.	3.9	18
23	Both Size and GC-Content of Minimal Introns Are Selected in Human Populations. <i>PLoS ONE</i> , 2011, 6, e17945.	2.5	18
24	Transposon-Derived and Satellite-Derived Repetitive Sequences Play Distinct Functional Roles in Mammalian Intron Size Expansion. <i>Evolutionary Bioinformatics</i> , 2012, 8, EBO.S9758.	1.2	17
25	Seasonal dynamics and diversity of bacteria in retail oyster tissues. <i>International Journal of Food Microbiology</i> , 2014, 173, 14-20.	4.7	17
26	Cytoplasmic long noncoding RNAs are differentially regulated and translated during human neuronal differentiation. <i>Rna</i> , 2021, 27, 1082-1101.	3.5	17
27	The role of CAPG in molecular communication between the embryo and the uterine endometrium: Is its function conserved in species with different implantation strategies?. <i>FASEB Journal</i> , 2020, 34, 11015-11029.	0.5	15
28	Redesigned Duplex RT-qPCR for the Detection of GI and GII Human Noroviruses. <i>Engineering</i> , 2020, 6, 442-448.	6.7	15
29	Surveillance of human norovirus in oysters collected from production area in Shandong Province, China during 2017–2018. <i>Food Control</i> , 2021, 121, 107649.	5.5	15
30	Seed DNA damage responses promote germination and growth in <i>Arabidopsis thaliana</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	15
31	Engineering Bacterial Surface Displayed Human Norovirus Capsid Proteins: A Novel System to Explore Interaction Between Norovirus and Ligands. <i>Frontiers in Microbiology</i> , 2015, 6, 1448.	3.5	12
32	In Situ Capture RT-qPCR: A New Simple and Sensitive Method to Detect Human Norovirus in Oysters. <i>Frontiers in Microbiology</i> , 2017, 8, 554.	3.5	12
33	Characterization of a Histo-Blood Group Antigen-like Substance in Romaine Lettuce That Contributes to Human Norovirus Attachment. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 1207-1212.	5.2	12
34	Culturable bacteria resident on lettuce might contribute to accumulation of human noroviruses. <i>International Journal of Food Microbiology</i> , 2020, 317, 108492.	4.7	11
35	Fingerprinting of human noroviruses co-infections in a possible foodborne outbreak by metagenomics. <i>International Journal of Food Microbiology</i> , 2020, 333, 108787.	4.7	11
36	Bacterial Surface-Displayed GII.4 Human Norovirus Capsid Proteins Bound to HBCA-Like Molecules in Romaine Lettuce. <i>Frontiers in Microbiology</i> , 2017, 8, 251.	3.5	10

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37	A Bacterial Surface Display System Expressing Cleavable Capsid Proteins of Human Norovirus: A Novel System to Discover Candidate Receptors. <i>Frontiers in Microbiology</i> , 2017, 8, 2405.	3.5	10
38	Broad-range and effective detection of human noroviruses by colloidal gold immunochromatographic assay based on the shell domain of the major capsid protein. <i>BMC Microbiology</i> , 2021, 21, 22.	3.3	9
39	LCGbase: A Comprehensive Database for Lineage-Based Co-regulated Genes. <i>Evolutionary Bioinformatics</i> , 2012, 8, EBO.S8540.	1.2	7
40	GCEvobase: an evolution-based database for GC content in eukaryotic genomes. <i>Bioinformatics</i> , 2018, 34, 2129-2131.	4.1	6
41	IntronDB: a database for eukaryotic intron features. <i>Bioinformatics</i> , 2019, 35, 4400-4401.	4.1	6
42	Oyster Heat Shock Protein 70 Plays a Role in Binding of Human Noroviruses. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0079021.	3.1	6
43	KGCAK: a K-mer based database for genome-wide phylogeny and complexity evaluation. <i>Biology Direct</i> , 2015, 10, 53.	4.6	5
44	Plastid-LCGbase: a collection of evolutionarily conserved plastid-associated gene pairs. <i>Nucleic Acids Research</i> , 2015, 43, D990-D995.	14.5	4
45	Functional Networking of Human Divergently Paired Genes (DPGs). <i>PLoS ONE</i> , 2013, 8, e78896.	2.5	3
46	An Effective Platform for Exploring Rotavirus Receptors by Bacterial Surface Display System. <i>Virologica Sinica</i> , 2020, 35, 103-109.	3.0	3
47	Library Preparation Based on Transposase Assisted RNA/DNA Hybrid Co-Tagmentation for Next-Generation Sequencing of Human Noroviruses. <i>Viruses</i> , 2021, 13, 65.	3.3	3
48	Detection of group A rotavirus in oyster tissues by in situ capture RT-qPCR. <i>Food Control</i> , 2021, 127, 108161.	5.5	2
49	LCGserver: A Webserver for Exploring Evolutionary Trajectory of Gene Orders in a Large Number of Genomes. <i>OMICS A Journal of Integrative Biology</i> , 2015, 19, 574-577.	2.0	0
50	DLGP: A database for lineage-conserved and lineage-specific gene pairs in animal and plant genomes. <i>Biochemical and Biophysical Research Communications</i> , 2016, 469, 542-545.	2.1	0
51	RNA-Seq analysis of a Pax3-expressing myoblast clone in-vitro and effect of culture surface stiffness on differentiation. <i>Scientific Reports</i> , 2022, 12, 2841.	3.3	0