

Hung-Yi Wang

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

2,675
citations

236925

25
h-index

189892

50
g-index

55
all docs

55
docs citations

55
times ranked

4638
citing authors

#	ARTICLE	IF	CITATIONS
1	The CRISPR/Cas9 System Facilitates Clearance of the Intrahepatic HBV Templates In Vivo. <i>Molecular Therapy - Nucleic Acids</i> , 2014, 3, e186.	5.1	319
2	Structural diversity and functional implications of the eukaryotic TDP gene family. <i>Genomics</i> , 2004, 83, 130-139.	2.9	261
3	Adaptive genic evolution in the <i>Drosophila</i> genomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2271-2276.	7.1	210
4	Age-related immune clearance of hepatitis B virus infection requires the establishment of gut microbiota. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2175-2180.	7.1	175
5	Identification of androgen response elements in the enhancer I of hepatitis B virus: A mechanism for sex disparity in chronic hepatitis B. <i>Hepatology</i> , 2009, 50, 1392-1402.	7.3	151
6	Molecular and Phylogenetic Analyses Suggest an Additional Hepatitis B Virus Genotype – PLoS ONE, 2010, 5, e9297.	2.5	123
7	Characterization of severe acute respiratory syndrome coronavirus genomes in Taiwan: Molecular epidemiology and genome evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2542-2547.	7.1	121
8	Rapid growth of a hepatocellular carcinoma and the driving mutations revealed by cell-population genetic analysis of whole-genome data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12042-12047.	7.1	117
9	Rate of Evolution in Brain-Expressed Genes in Humans and Other Primates. <i>PLoS Biology</i> , 2006, 5, e13.	5.6	93
10	The Ecology and Evolution of Cancer: The Ultra-Microevolutionary Process. <i>Annual Review of Genetics</i> , 2016, 50, 347-369.	7.6	86
11	Rapidly Evolving Genes in Human. I. The Glycophorins and Their Possible Role in Evading Malaria Parasites. <i>Molecular Biology and Evolution</i> , 2003, 20, 1795-1804.	8.9	85
12	The origin and underlying driving forces of the SARS-CoV-2 outbreak. <i>Journal of Biomedical Science</i> , 2020, 27, 73.	7.0	82
13	Distinct Hepatitis B Virus Dynamics in the Immunotolerant and Early Immunoclearance Phases. <i>Journal of Virology</i> , 2010, 84, 3454-3463.	3.4	81
14	Molecular Phylogeny of Gobioid Fishes (Perciformes: Gobioidae) Based on Mitochondrial 12S rRNA Sequences. <i>Molecular Phylogenetics and Evolution</i> , 2001, 20, 390-408.	2.7	50
15	Molecular Characterization of Cryptically Circulating Rabies Virus from Ferret Badgers, Taiwan. <i>Emerging Infectious Diseases</i> , 2014, 20, 790-798.	4.3	49
16	Influence of glaciation on divergence patterns of the endemic minnow, <i>Zacco pachycephalus</i> , in Taiwan. <i>Molecular Ecology</i> , 1999, 8, 1879-1888.	3.9	46
17	Secondary Structure of Mitochondrial 12S rRNA Among Fish and Its Phylogenetic Applications. <i>Molecular Biology and Evolution</i> , 2002, 19, 138-148.	8.9	42
18	Clonality of Fluconazole-Nonsusceptible <i>Candida tropicalis</i> in Bloodstream Infections, Taiwan, 2011–2017. <i>Emerging Infectious Diseases</i> , 2019, 25, 1660-1667.	4.3	40

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19	On the low reproducibility of cancer studies. <i>National Science Review</i> , 2018, 5, 619-624.	9.5	38
20	Phylogeny, Taxonomy, and Biogeography of the Oriental Pitvipers of the Genus <i>Trimeresurus</i> (Reptilia: Tj ETQq0 0 0 rgBT /Overlock 10 T	0.7	37
21	Pre-S2 Deletions of Hepatitis B Virus and Hepatocellular Carcinoma in Children. <i>Pediatric Research</i> , 2010, 67, 90-94.	2.3	36
22	Lymphocyte Antigen 6 Complex, Locus C+ Monocytes and Kupffer Cells Orchestrate Liver Immune Responses Against Hepatitis B Virus in Mice. <i>Hepatology</i> , 2019, 69, 2364-2380.	7.3	36
23	New Insights into the Evolutionary Rate of Hepatitis B Virus at Different Biological Scales. <i>Journal of Virology</i> , 2015, 89, 3512-3522.	3.4	33
24	Complex genetic interactions underlying expression differences between <i>Drosophila</i> races: Analysis of chromosome substitutions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6362-6367.	7.1	29
25	Loop-mediated isothermal amplification for rapid identification of biotypes B and Q of the globally invasive pest <i>Bemisia tabaci</i> , and studying population dynamics. <i>Pest Management Science</i> , 2012, 68, 1206-1213.	3.4	26
26	Is the evolution in tumors Darwinian or non-Darwinian?. <i>National Science Review</i> , 2018, 5, 15-17.	9.5	24
27	Predation Risks and Anti-Predation Parental Care Behavior: An Experimental Study in a Tropical Skink. <i>Ethology</i> , 2009, 115, 273-279.	1.1	23
28	Multilocus approach to clarify species status and the divergence history of the <i>Bemisia tabaci</i> (Hemiptera: Aleyrodidae) species complex. <i>Molecular Phylogenetics and Evolution</i> , 2014, 76, 172-180.	2.7	23
29	Origin of serum hepatitis B virus in acute exacerbation: Comparison with HBV in the liver and from other exacerbation. <i>Hepatology</i> , 2004, 40, 310-317.	7.3	22
30	Systematics and phylogeography of the Taiwanese endemic minnow <i>Candidia barbatus</i> (Pisces: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 Linnean Society, 2011, 161, 613-632.	2.3	19
31	Clinical features and phylogenetic analysis of Coxsackievirus A9 in Northern Taiwan in 2011. <i>BMC Infectious Diseases</i> , 2013, 13, 33.	2.9	19
32	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 April 2012 – 31 May 2012. <i>Molecular Ecology Resources</i> , 2012, 12, 972-974.	4.8	18
33	Influence of gene flow on divergence dating – implications for the speciation history of <i>Takydromus</i> grass lizards. <i>Molecular Ecology</i> , 2014, 23, 4770-4784.	3.9	17
34	De novo assembly of highly polymorphic metagenomic data using in situ generated reference sequences and a novel BLAST-based assembly pipeline. <i>BMC Bioinformatics</i> , 2017, 18, 223.	2.6	14
35	Genetic Load and Potential Mutational Meltdown in Cancer Cell Populations. <i>Molecular Biology and Evolution</i> , 2019, 36, 541-552.	8.9	14
36	Ribavirin Enhances the Action of Interferon- β against Hepatitis C Virus by Promoting the p53 Activity through the ERK1/2 Pathway. <i>PLoS ONE</i> , 2012, 7, e43824.	2.5	13

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37	Inferring nonneutral evolution from contrasting patterns of polymorphisms and divergences in different protein coding regions of enterovirus 71 circulating in Taiwan during 1998-2003. <i>BMC Evolutionary Biology</i> , 2010, 10, 294.	3.2	11
38	Targeted Disruption in Mice of a Neural Stem Cell-Maintaining, KRAB-Zn Finger-Encoding Gene That Has Rapidly Evolved in the Human Lineage. <i>PLoS ONE</i> , 2012, 7, e47481.	2.5	11
39	Lack of Interferon Sensitivity-Determining Region in the Genome of Hepatitis B Virus Genotype Ba. <i>Antiviral Therapy</i> , 2004, 9, 895-903.	1.0	10
40	Instability of Succinate Dehydrogenase in SDHD Polymorphism Connects Reactive Oxygen Species Production to Nuclear and Mitochondrial Genomic Mutations in Yeast. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 587-602.	5.4	9
41	PATHOLOGY AND MOLECULAR DETECTION OF RABIES VIRUS IN FERRET BADGERS ASSOCIATED WITH A RABIES OUTBREAK IN TAIWAN. <i>Journal of Wildlife Diseases</i> , 2016, 52, 57-69.	0.8	9
42	Whole genome deep sequencing analysis of viral quasispecies diversity and evolution in HBsAg seroconverters. <i>JHEP Reports</i> , 2021, 3, 100254.	4.9	9
43	Effects of indoor residual spraying and outdoor larval control on <i>Anopheles coluzzii</i> from São Tomé and Príncipe, two islands with pre-eliminated malaria. <i>Malaria Journal</i> , 2019, 18, 405.	2.3	8
44	Genetic and physiological data suggest demographic and adaptive responses in complex interactions between populations of figs (<i>Ficus pumila</i>) and their pollinating wasps (<i>Wespa pumilae</i>). <i>Molecular Ecology</i> , 2013, 22, 3814-3832.	3.9	7
45	Hydrodynamic HBV Transfection Mouse Model. <i>Methods in Molecular Biology</i> , 2017, 1540, 227-235.	0.9	7
46	Gut microbiota in the innate immunity against hepatitis B virus – implication in age-dependent HBV clearance. <i>Current Opinion in Virology</i> , 2021, 49, 194-202.	5.4	7
47	Evolution under Spatially Heterogeneous Selection in Solid Tumors. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	5
48	A rapid insect species identification system using mini-barcode pyrosequencing. <i>Pest Management Science</i> , 2020, 76, 1222-1227.	3.4	4
49	Microevolution of the hepatitis B virus genome in hepatitis B antigen-positive carriers: Comparison of genotypes B and C at various immune stages. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2015, 30, 172-177.	2.8	2
50	Implication of single year seasonal sampling to genetic diversity fluctuation that coordinates with oceanographic dynamics in torpedo scads near Taiwan. <i>Scientific Reports</i> , 2020, 10, 16829.	3.3	1
51	The origin and past demography of murine astrovirus 1 in laboratory mice. <i>Journal of General Virology</i> , 2021, 102, .	2.9	1
52	Cover Image, Volume 76, Issue 4. <i>Pest Management Science</i> , 2020, 76, i.	3.4	0