

Sheng-Fan Wang

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

2,175
citations

304368

22
h-index

243296

44
g-index

69
all docs

69
docs citations

69
times ranked

4543
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibody-dependent SARS coronavirus infection is mediated by antibodies against spike proteins. <i>Biochemical and Biophysical Research Communications</i> , 2014, 451, 208-214.	1.0	365
2	CHAC1 degradation of glutathione enhances cystine-starvation-induced necroptosis and ferroptosis in human triple negative breast cancer cells via the GCN2-eIF2 β -ATF4 pathway. <i>Oncotarget</i> , 2017, 8, 114588-114602.	0.8	191
3	Human-Leukocyte Antigen Class I Cw 1502 and Class II DR 0301 Genotypes Are Associated with Resistance to Severe Acute Respiratory Syndrome (SARS) Infection. <i>Viral Immunology</i> , 2011, 24, 421-426.	0.6	121
4	Simple Strategy for Rapid and Sensitive Detection of Avian Influenza A H7N9 Virus Based on Intensity-Modulated SPR Biosensor and New Generated Antibody. <i>Analytical Chemistry</i> , 2018, 90, 1861-1869.	3.2	99
5	The role of galectins in virus infection - A systemic literature review. <i>Journal of Microbiology, Immunology and Infection</i> , 2020, 53, 925-935.	1.5	92
6	Dengue hemorrhagic fever – A systemic literature review of current perspectives on pathogenesis, prevention and control. <i>Journal of Microbiology, Immunology and Infection</i> , 2020, 53, 963-978.	1.5	88
7	Galectin-3 Enhances Avian H5N1 Influenza A Virus-Induced Pulmonary Inflammation by Promoting NLRP3 Inflammasome Activation. <i>American Journal of Pathology</i> , 2018, 188, 1031-1042.	1.9	79
8	DC-SIGN mediates avian H5N1 influenza virus infection in cis and in trans. <i>Biochemical and Biophysical Research Communications</i> , 2008, 373, 561-566.	1.0	75
9	Mitochondrial dysfunction enhances cisplatin resistance in human gastric cancer cells via the ROS-activated GCN2-eIF2 β -ATF4-xCT pathway. <i>Oncotarget</i> , 2016, 7, 74132-74151.	0.8	72
10	Molecular epidemiology of HCV genotypes among injection drug users in Taiwan: Full-length sequences of two new subtype 6w strains and a recombinant form_2b6w. <i>Journal of Medical Virology</i> , 2010, 82, 57-68.	2.5	70
11	Involvement of oxidative stress-activated JNK signaling in the methamphetamine-induced cell death of human SH-SY5Y cells. <i>Toxicology</i> , 2008, 246, 234-241.	2.0	65
12	Galectin-3 promotes HIV-1 budding via association with Alix and Gag p6. <i>Glycobiology</i> , 2014, 24, 1022-1035.	1.3	61
13	Severe Dengue Fever Outbreak in Taiwan. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 94, 193-197.	0.6	57
14	Detection of swine-origin influenza A (H1N1) viruses using a localized surface plasmon coupled fluorescence fiber-optic biosensor. <i>Biosensors and Bioelectronics</i> , 2010, 26, 1068-1073.	5.3	55
15	Consecutive large dengue outbreaks in Taiwan in 2014–2015. <i>Emerging Microbes and Infections</i> , 2016, 5, 1-3.	3.0	50
16	Contributions of insertion sequences conferring colistin resistance in <i>Klebsiella pneumoniae</i> . <i>International Journal of Antimicrobial Agents</i> , 2020, 55, 105894.	1.1	44
17	Characterization of Fosfomycin Resistant Extended-Spectrum β -Lactamase-Producing <i>Escherichia coli</i> Isolates from Human and Pig in Taiwan. <i>PLoS ONE</i> , 2015, 10, e0135864.	1.1	40
18	SARS-CoV-2 Entry Related Viral and Host Genetic Variations: Implications on COVID-19 Severity, Immune Escape, and Infectivity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3060.	1.8	32

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19	The plasmid-mediated fosfomycin resistance determinants and synergy of fosfomycin and meropenem in carbapenem-resistant <i>Klebsiella pneumoniae</i> isolates in Taiwan. <i>Journal of Microbiology, Immunology and Infection</i> , 2017, 50, 653-661.	1.5	30
20	Large Dengue virus type 1 outbreak in Taiwan. <i>Emerging Microbes and Infections</i> , 2015, 4, 1-3.	3.0	27
21	A clinical and epidemiological survey of the largest dengue outbreak in Southern Taiwan in 2015. <i>International Journal of Infectious Diseases</i> , 2019, 88, 88-99.	1.5	25
22	Importation of SARS-CoV-2 infection leads to major COVID-19 epidemic in Taiwan. <i>International Journal of Infectious Diseases</i> , 2020, 97, 240-244.	1.5	25
23	Patients Infected with CRF07_BC Have Significantly Lower Viral Loads than Patients with HIV-1 Subtype B: Mechanism and Impact on Disease Progression. <i>PLoS ONE</i> , 2014, 9, e114441.	1.1	23
24	Detection of African swine fever virus in pork products brought to Taiwan by travellers. <i>Emerging Microbes and Infections</i> , 2019, 8, 1000-1002.	3.0	23
25	ROS Mediate xCT-Dependent Cell Death in Human Breast Cancer Cells under Glucose Deprivation. <i>Cells</i> , 2020, 9, 1598.	1.8	23
26	Generating and characterizing monoclonal and polyclonal antibodies against avian H5N1 hemagglutinin protein. <i>Biochemical and Biophysical Research Communications</i> , 2009, 382, 691-696.	1.0	22
27	Dengue vaccine: an update. <i>Expert Review of Anti-Infective Therapy</i> , 2021, 19, 1495-1502.	2.0	22
28	Novel histone deacetylase inhibitor AR-42 exhibits antitumor activity in pancreatic cancer cells by affecting multiple biochemical pathways. <i>PLoS ONE</i> , 2017, 12, e0183368.	1.1	22
29	Galectins in Host Defense Against Microbial Infections. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1204, 141-167.	0.8	19
30	Impact of Genetic Variability in ACE2 Expression on the Evolutionary Dynamics of SARS-CoV-2 Spike D614G Mutation. <i>Genes</i> , 2021, 12, 16.	1.0	19
31	Antimicrobial resistance and genetic diversity in ceftazidime non-susceptible bacterial pathogens from ready-to-eat street foods in three Taiwanese cities. <i>Scientific Reports</i> , 2017, 7, 15515.	1.6	18
32	Influenza A virus in Taiwan, 1980-2006: Phylogenetic and antigenic characteristics of the hemagglutinin gene. <i>Journal of Medical Virology</i> , 2009, 81, 1457-1470.	2.5	16
33	Targets and strategies for vaccine development against dengue viruses. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112304.	2.5	15
34	Molecular Epidemiology of HIV-1 Infection among Men who Have Sex with Men in Taiwan in 2012. <i>PLoS ONE</i> , 2015, 10, e0128266.	1.1	13
35	An epidemiological survey of the current status of Zika and the immune interaction between dengue and Zika infection in Southern Taiwan. <i>International Journal of Infectious Diseases</i> , 2020, 93, 151-159.	1.5	12
36	High-Content Screening of a Taiwanese Indigenous Plant Extract Library Identifies <i>Syzygium simile</i> leaf Extract as an Inhibitor of Fatty Acid Uptake. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2130.	1.8	11

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37	The Effects of Genetic Variation on H7N9 Avian Influenza Virus Pathogenicity. <i>Viruses</i> , 2020, 12, 1220.	1.5	10
38	Epidemiology of human herpesvirus type 8 and parvovirus B19 infections and their association with HIV-1 among men who have sex with men and injection drug users in Taiwan. <i>Journal of Microbiology, Immunology and Infection</i> , 2014, 47, 233-238.	1.5	9
39	Identification of Important N-Linked Glycosylation Sites in the Hemagglutinin Protein and Their Functional Impact on DC-SIGN Mediated Avian Influenza H5N1 Infection. <i>International Journal of Molecular Sciences</i> , 2021, 22, 743.	1.8	9
40	Generation and characterization of new monoclonal antibodies against swine origin 2009 influenza A (H1N1) virus and evaluation of their prophylactic and therapeutic efficacy in a mouse model. <i>Developmental and Comparative Immunology</i> , 2017, 67, 8-17.	1.0	8
41	Analysis of codon usage preference in hemagglutinin genes of the swine-origin influenza A (H1N1) virus. <i>Journal of Microbiology, Immunology and Infection</i> , 2016, 49, 477-486.	1.5	7
42	OUP accepted manuscript. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, , .	1.3	7
43	Rapid and Efficient Cell-to-Cell Transmission of Avian Influenza H5N1 Virus in MDCK Cells Is Achieved by Trogocytosis. <i>Pathogens</i> , 2021, 10, 483.	1.2	7
44	Regulatory roles of galectins on influenza A virus and their potential as a therapeutic strategy. <i>Biomedicine and Pharmacotherapy</i> , 2021, 139, 111713.	2.5	7
45	Latent membrane protein 1 of Epstein-Barr virus regulates death-associated protein kinase 1 in lymphoblastoid cell line. <i>Virology</i> , 2011, 413, 19-25.	1.1	6
46	Identification of the DC-SIGN-Interactive Domains on the Envelope Glycoprotein of HIV-1 CRF07_BC. <i>AIDS Research and Human Retroviruses</i> , 2011, 27, 831-839.	0.5	6
47	Molecular epidemiology of HIV-1 infection among men who have sex with men in Taiwan from 2013 to 2015. <i>PLoS ONE</i> , 2018, 13, e0202622.	1.1	6
48	Imported dengue fever and climatic variation are important determinants facilitating dengue epidemics in Southern Taiwan. <i>Journal of Infection</i> , 2020, 80, 121-142.	1.7	6
49	Trogocytosis with monocytes associated with increased $\alpha 2,3$ sialic acid expression on B cells during H5N1 influenza virus infection. <i>PLoS ONE</i> , 2020, 15, e0239488.	1.1	6
50	Amino Acid Deletions in p6Gag Domain of HIV-1 CRF07_BC Ameliorate Galectin-3 Mediated Enhancement in Viral Budding. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2910.	1.8	6
51	Emerging and Re-Emerging Diseases. <i>Pathogens</i> , 2021, 10, 827.	1.2	6
52	Late cART Initiation Consistently Driven by Late HIV Presentation: A Multicenter Retrospective Cohort Study in Taiwan from 2009 to 2019. <i>Infectious Diseases and Therapy</i> , 2022, 11, 1033-1056.	1.8	6
53	Characterization of a new murine cell line of sarcomatoid hepatocellular carcinoma and its application for biomarker/therapy development. <i>Scientific Reports</i> , 2017, 7, 3052.	1.6	5
54	In Vitro and In Vivo Evaluations of β -Lactam/ β -Lactamase Mono- and Combined Therapies against Carbapenem-Nonsusceptible Enterobacteriaceae in Taiwan. <i>Microorganisms</i> , 2020, 8, 1981.	1.6	5

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55	Virus-induced pathogenesis, vaccine development, and diagnosis of novel H7N9 avian influenza A virus in humans: a systemic literature review. <i>Journal of International Medical Research</i> , 2020, 48, 030006051984548.	0.4	4
56	The Examination of Viral Characteristics of HIV-1 CRF07_BC and Its Potential Interaction with Extracellular Galectin-3. <i>Pathogens</i> , 2020, 9, 425.	1.2	4
57	The Antiviral Role of Galectins toward Influenza A Virus Infection—An Alternative Strategy for Influenza Therapy. <i>Pharmaceuticals</i> , 2021, 14, 490.	1.7	4
58	Virus Hijacks Host Proteins and Machinery for Assembly and Budding, with HIV-1 as an Example. <i>Viruses</i> , 2022, 14, 1528.	1.5	4
59	Identifying Conserved DR1501-Restricted CD4+T-Cell Epitopes in Avian H5N1 Hemagglutinin Proteins. <i>Viral Immunology</i> , 2010, 23, 585-593.	0.6	3
60	Mitochondria Polarization in the Contact Regions of Virus-Infected Effector Cells During Cell-to-Cell Transmission of HIV-1. <i>AIDS Research and Human Retroviruses</i> , 2015, 31, 175-176.	0.5	3
61	Combination of Colistin and Azidothymidine Demonstrates Synergistic Activity against Colistin-Resistant, Carbapenem-Resistant <i>Klebsiella pneumoniae</i> . <i>Microorganisms</i> , 2020, 8, 1964.	1.6	3
62	Source identification of HIV-1 transmission in three lawsuits Using Ultra-Deep pyrosequencing and phylogenetic analysis. <i>Journal of Microbiology, Immunology and Infection</i> , 2021, 54, 596-605.	1.5	3
63	Galectin-3 facilitates cell-to-cell HIV-1 transmission by altering the composition of membrane lipid rafts in CD4 T cells. <i>Glycobiology</i> , 0, , .	1.3	2
64	Virological investigation of four outbreaks of influenza B reassortants in the northern region of Taiwan from October 2006 to February 2007. <i>BMC Research Notes</i> , 2009, 2, 86.	0.6	1
65	Characterization of the Drug Resistance Profiles of Patients Infected with CRF07_BC Using Phenotypic Assay and Ultra-Deep Pyrosequencing. <i>PLoS ONE</i> , 2017, 12, e0170420.	1.1	1
66	A Retrospective Survey among SARS-CoV-1 Infected Healthcare Workers after Three Years Post-Infection. <i>Pathogens</i> , 2021, 10, 1078.	1.2	0
67	Retrospective survey of avian influenza H5N1 infection in Northern Vietnam by using a combinational serologic assay. <i>Health</i> , 2012, 04, 974-982.	0.1	0
68	Sex stratification of the trends and risk of mortality among individuals living with HIV under different transmission categories. <i>Scientific Reports</i> , 2022, 12, .	1.6	0