

# Hui-Wen Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,426  
citations

361388

20  
h-index

330122

37  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2713  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influenza A penetrates host mucus by cleaving sialic acids with neuraminidase. <i>Virology Journal</i> , 2013, 10, 321.	3.4	229
2	Viromimetic STING Agonist-Loaded Hollow Polymeric Nanoparticles for Safe and Effective Vaccination against Middle East Respiratory Syndrome Coronavirus. <i>Advanced Functional Materials</i> , 2019, 29, 1807616.	14.9	128
3	Nanoparticle Vaccines Adopting Virus-like Features for Enhanced Immune Potentiation. <i>Nanotheranostics</i> , 2017, 1, 244-260.	5.2	102
4	Infectious Bronchitis Virus Variants: Molecular Analysis and Pathogenicity Investigation. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2030.	4.1	88
5	Protective Role of Cross-Reactive CD8 T Cells Against Dengue Virus Infection. <i>EBioMedicine</i> , 2016, 13, 284-293.	6.1	85
6	The Roles of IRF-3 and IRF-7 in Innate Antiviral Immunity against Dengue Virus. <i>Journal of Immunology</i> , 2013, 191, 4194-4201.	0.8	77
7	Synthetic virus-like particles prepared via protein corona formation enable effective vaccination in an avian model of coronavirus infection. <i>Biomaterials</i> , 2016, 106, 111-118.	11.4	74
8	Targeting and Enrichment of Viral Pathogen by Cell Membrane Cloaked Magnetic Nanoparticles for Enhanced Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 39953-39961.	8.0	61
9	Inhibitory and combinatorial effect of diphyllin, a v-ATPase blocker, on influenza viruses. <i>Antiviral Research</i> , 2013, 99, 371-382.	4.1	59
10	Nasal commensal <i>Staphylococcus epidermidis</i> counteracts influenza virus. <i>Scientific Reports</i> , 2016, 6, 27870.	3.3	57
11	Antiviral efficacy of nanoparticulate vacuolar ATPase inhibitors against influenza virus infection. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 8579-8593.	6.7	51
12	Nanoparticulate vacuolar ATPase blocker exhibits potent host-targeted antiviral activity against feline coronavirus. <i>Scientific Reports</i> , 2017, 7, 13043.	3.3	49
13	Identification of Taiwan and China-like recombinant avian infectious bronchitis viruses in Taiwan. <i>Virus Research</i> , 2009, 140, 121-129.	2.2	42
14	Multi-antigen avian influenza a (H7N9) virus-like particles: particulate characterizations and immunogenicity evaluation in murine and avian models. <i>BMC Biotechnology</i> , 2017, 17, 2.	3.3	32
15	Novel curcumin analogs to overcome EGFR TKI lung adenocarcinoma drug resistance and reduce EGFR TKI-induced GI adverse effects. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 1507-1514.	3.0	28
16	Identification of Susceptible Loci and Enriched Pathways for Bipolar II Disorder Using Genome-Wide Association Studies. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyw064.	2.1	24
17	Emerging lethal infectious bronchitis coronavirus variants with multiorgan tropism. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 884-893.	3.0	24
18	A Novel Immunochromatographic Strip for Antigen Detection of Avian Infectious Bronchitis Virus. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2216.	4.1	23

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19	Intracellular hydrogelation preserves fluid and functional cell membrane interfaces for biological interactions. <i>Nature Communications</i> , 2019, 10, 1057.	12.8	23
20	&lt;p&gt;Induction of Robust Immune Responses by CpG-ODN-Loaded Hollow Polymeric Nanoparticles for Antiviral and Vaccine Applications in Chickens&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 3303-3318.	6.7	21
21	Identification of an infectious bronchitis coronavirus strain exhibiting a classical genotype but altered antigenicity, pathogenicity, and innate immunity profile. <i>Scientific Reports</i> , 2016, 6, 37725.	3.3	20
22	A type-specific blocking ELISA for the detection of infectious bronchitis virus antibody. <i>Journal of Virological Methods</i> , 2011, 173, 7-12.	2.1	19
23	Anti-Influenza Protective Efficacy of a H6 Virus-Like Particle in Chickens. <i>Vaccines</i> , 2020, 8, 465.	4.4	15
24	Identification of intertypic recombinant infectious bronchitis viruses from slaughtered chickens. <i>Poultry Science</i> , 2010, 89, 439-446.	3.4	12
25	A Multiplex Reverse Transcriptase&quot;PCR Assay for the Genotyping of Avian Infectious Bronchitis Viruses. <i>Avian Diseases</i> , 2010, 54, 104-108.	1.0	12
26	Facile Transformation of Murine and Human Primary Dendritic Cells into Robust and Modular Artificial Antigen&quot;Presenting Systems by Intracellular Hydrogelation. <i>Advanced Materials</i> , 2021, 33, e2101190.	21.0	11
27	<i>Vigna radiata</i> (L.) R. Wilczek Extract Inhibits Influenza A Virus by Targeting Viral Attachment, Penetration, Assembly, and Release. <i>Frontiers in Pharmacology</i> , 2020, 11, 584973.	3.5	10
28	Development and characterization of mouse monoclonal antibodies targeting to distinct epitopes of Zika virus envelope protein for specific detection of Zika virus. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 4663-4673.	3.6	8
29	Development of mouse monoclonal antibody for detecting hemagglutinin of avian influenza A(H7N9) virus and preventing virus infection. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 3235-3248.	3.6	7
30	Determination of the cell tropism of serotype 1 feline infectious peritonitis virus using the spike affinity histochemistry in paraffin&quot;embedded tissues. <i>Microbiology and Immunology</i> , 2017, 61, 318-327.	1.4	6
31	Simultaneous subtyping and pathotyping of avian influenza viruses in chickens in Taiwan using reverse transcription loop-mediated isothermal amplification and microarray. <i>Journal of Veterinary Medical Science</i> , 2016, 78, 1223-1228.	0.9	5
32	Detection of Feline Coronavirus in Feline Effusions by Immunofluorescence Staining and Reverse Transcription Polymerase Chain Reaction. <i>Pathogens</i> , 2020, 9, 698.	2.8	5
33	Robust induction of TRMs by combinatorial nanoshells confers cross-strain sterilizing immunity against lethal influenza viruses. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 21, 299-314.	4.1	5
34	Neutralizing antibody response elicited by SARS-CoV-2 receptor-binding domain. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 654-655.	3.3	4
35	A novel PCR-based point-of-care method enables rapid, sensitive and reliable diagnosis of <i>Babesia gibsoni</i> infection in dogs. <i>BMC Veterinary Research</i> , 2019, 15, 428.	1.9	3
36	Feline Coronaviruses Identified in Feline Effusions in Suspected Cases of Feline Infectious Peritonitis. <i>Microorganisms</i> , 2021, 9, 1801.	3.6	3

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37	Detection of Anti-Reticuloendotheliosis Virus Antibody by Blocking Enzyme-Linked Immunosorbent Assay with Expression Envelope Protein. <i>Avian Diseases</i> , 2013, 57, 71-75.	1.0	2
38	Replication of a Dog-Origin H6N1 Influenza Virus in Cell Culture and Mice. <i>Viruses</i> , 2020, 12, 704.	3.3	2
39	DETECTION OF ANTI-RETICULOENDOTHELIOSIS ANTIBODY BY ENZYME-LINKED IMMUNOSORBENT ASSAY USING ENVELOPE PROTEIN EXPRESSED IN BACULOVIRUS. <i>TĀjwÄñ ShÄ²uyÄ«xuÄ© ZÄjzhÄ¬</i> , 2016, 42, 165-170.	0.2	0
40	Cancer Therapy: Facile Transformation of Murine and Human Primary Dendritic Cells into Robust and Modular Artificial Antigen Presenting Systems by Intracellular Hydrogelation ( <i>Adv. Mater.</i> 30/2021). <i>Advanced Materials</i> , 2021, 33, 2170232.	21.0	0