Suwimon Manopwisedjaroen

List of Publications by Year
in descending order

31 papers	930 citations	686830 13 h-index	500791 28 g-index
37 all docs	37 docs citations	37 times ranked	1344 citing authors

#	Article	IF	Citations
1	Anti-SARS-CoV-2 Activity of Andrographis paniculata Extract and Its Major Component Andrographolide in Human Lung Epithelial Cells and Cytotoxicity Evaluation in Major Organ Cell Representatives. Journal of Natural Products, 2021, 84, 1261-1270.	1.5	113
2	Rapid production of SARS-CoV-2 receptor binding domain (RBD) and spike specific monoclonal antibody CR3022 in Nicotiana benthamiana. Scientific Reports, 2020, 10, 17698.	1.6	110
3	High-content screening of Thai medicinal plants reveals Boesenbergia rotunda extract and its component Panduratin A as anti-SARS-CoV-2 agents. Scientific Reports, 2020, 10, 19963.	1.6	97
4	High Susceptibility of Human Dendritic Cells to Avian Influenza H5N1 Virus Infection and Protection by IFN-Î± and TLR Ligands. Journal of Immunology, 2007, 179, 5220-5227.	0.4	90
5	Colorimetric reverse transcription loop-mediated isothermal amplification (RT-LAMP) as a visual diagnostic platform for the detection of the emerging coronavirus SARS-CoV-2. Analyst, The, 2021, 146, 471-477.	1.7	66
6	CoronaVac induces lower neutralising activity against variants of concern than natural infection. Lancet Infectious Diseases, The, 2021, 21, 1352-1354.	4.6	65
7	Monoclonal Antibodies B38 and H4 Produced in Nicotiana benthamiana Neutralize SARS-CoV-2 in vitro. Frontiers in Plant Science, 2020, 11, 589995.	1.7	51
8	Plant-Produced Receptor-Binding Domain of SARS-CoV-2 Elicits Potent Neutralizing Responses in Mice and Non-human Primates. Frontiers in Plant Science, 2021, 12, 682953.	1.7	44
9	Development of Plant-Produced Recombinant ACE2-Fc Fusion Protein as a Potential Therapeutic Agent Against SARS-CoV-2. Frontiers in Plant Science, 2020, 11, 604663.	1.7	37
10	Tropism of Avian Influenza A (H5N1) Virus to Mesenchymal Stem Cells and CD34+ Hematopoietic Stem Cells. PLoS ONE, 2013, 8, e81805.	1.1	24
11	Antiviral immune responses in H5N1-infected human lung tissue and possible mechanisms underlying the hyperproduction of interferon-inducible protein IP-10. Biochemical and Biophysical Research Communications, 2010, 398, 752-758.	1.0	17
12	Virus MIP-composites for SARS-CoV-2 detection in the aquatic environment. Materials Letters, 2022, 315, 131973.	1.3	17
13	Immunogenicity Studies of Plant-Produced SARS-CoV-2 Receptor Binding Domain-Based Subunit Vaccine Candidate with Different Adjuvant Formulations. Vaccines, 2021, 9, 744.	2.1	16
14	DNA Vaccine Administered by Cationic Lipoplexes or by In Vivo Electroporation Induces Comparable Antibody Responses against SARS-CoV-2 in Mice. Vaccines, 2021, 9, 874.	2.1	16
15	A circular mRNA vaccine prototype producing VFLIP-X spike confers a broad neutralization of SARS-CoV-2 variants by mouse sera. Antiviral Research, 2022, 204, 105370.	1.9	16
16	SARSâ€CoVâ€2 neutralizing antibodies decline over one year and patients with severe COVIDâ€19 pneumonia display a unique cytokine profile. International Journal of Infectious Diseases, 2021, 112, 227-234.	1.5	13
17	Cross-reactive Antibodies against Avian Influenza Virus A (H5N1). Emerging Infectious Diseases, 2009, 15, 1537-1539.	2.0	10
18	The presence of monocytes enhances the susceptibility of B cells to highly pathogenic avian influenza (HPAI) H5N1 virus possibly through the increased expression of Î±2,3 SA receptor. Biochemical and Biophysical Research Communications, 2015, 464, 888-893.	1.0	10

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19	The activation of B cells enhances DC-SIGN expression and promotes susceptibility of B cells to HPAI H5N1 infection. Biochemical and Biophysical Research Communications, 2017, 490, 1301-1306.	1.0	10
20	Mice Immunized with the Vaccine Candidate HexaPro Spike Produce Neutralizing Antibodies against SARS-CoV-2. Vaccines, 2021, 9, 498.	2.1	10
21	Receptor binding domain proteins of SARSâ€CoVâ€2 variants produced in Nicotiana benthamiana elicit neutralizing antibodies against variants of concern. Journal of Medical Virology, 2022, 94, 4265-4276.	2.5	10
22	P2Y6 receptors are involved in mediating the effect of inactivated avian influenza virus H5N1 on IL-6 & CXCL8 mRNA expression in respiratory epithelium. PLoS ONE, 2017, 12, e0176974.	1.1	9
23	Anti-SARS-CoV-2 Activity of Extracellular Vesicle Inhibitors: Screening, Validation, and Combination with Remdesivir. Biomedicines, 2021, 9, 1230.	1.4	8
24	Detectable Duration of Viable SARS-CoV-2, Total and Subgenomic SARS-CoV-2 RNA in Noncritically Ill COVID-19 Patients: a Prospective Cohort Study. Microbiology Spectrum, 2022, 10, .	1.2	8
25	Synergistic anti-SARS-CoV-2 activity of repurposed anti-parasitic drug combinations. BMC Pharmacology & Toxicology, 2022, 23, .	1.0	8
26	An influenza A virus agglutination test using antibody-like polymers. Journal of Biomaterials Science, Polymer Edition, 2017, 28, 1786-1795.	1.9	7
27	Rapid and Efficient Cell-to-Cell Transmission of Avian Influenza H5N1 Virus in MDCK Cells Is Achieved by Trogocytosis. Pathogens, 2021, 10, 483.	1.2	7
28	Trogocytosis with monocytes associated with increased Î±2,3 sialic acid expression on B cells during H5N1 influenza virus infection. PLoS ONE, 2020, 15, e0239488.	1.1	6
29	Pre-Existing Cross-Reactive Antibodies to Avian Influenza H5N1 and 2009 Pandemic H1N1 in US Military Personnel. American Journal of Tropical Medicine and Hygiene, 2014, 90, 149-152.	0.6	5
30	Translating a Thin-Film Rehydration Method to Microfluidics for the Preparation of a SARS-CoV-2 DNA Vaccine: When Manufacturing Method Matters. Pharmaceutics, 2022, 14, 1427.	2.0	4
31	Target Enrichment Metagenomics Reveals Human Pegivirus-1 in Pediatric Hematopoietic Stem Cell Transplantation Recipients. Viruses, 2022, 14, 796.	1.5	1