

Zi-Zheng Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,466
citations

430874

18
h-index

302126

39
g-index

42
all docs

42
docs citations

42
times ranked

3119
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure-Based Design of a Fusion Glycoprotein Vaccine for Respiratory Syncytial Virus. <i>Science</i> , 2013, 342, 592-598.	12.6	797
2	Structure of RSV Fusion Glycoprotein Trimer Bound to a Prefusion-Specific Neutralizing Antibody. <i>Science</i> , 2013, 340, 1113-1117.	12.6	656
3	Origin, antigenicity, and function of a secreted form of ORF2 in hepatitis E virus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4773-4778.	7.1	125
4	Virus-mimetic nanovesicles as a versatile antigen-delivery system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6129-38.	7.1	118
5	Putative receptor-binding sites of hepatitis E virus. <i>Journal of General Virology</i> , 2008, 89, 245-249.	2.9	75
6	A multimechanistic antibody targeting the receptor binding site potently cross-protects against influenza B viruses. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	65
7	Role of heat-shock protein 90 in hepatitis E virus capsid trafficking. <i>Journal of General Virology</i> , 2010, 91, 1728-1736.	2.9	64
8	Vesicular Antibodies: A Bioactive Multifunctional Combination Platform for Targeted Therapeutic Delivery and Cancer Immunotherapy. <i>Advanced Materials</i> , 2019, 31, e1808294.	21.0	63
9	A Valuable Antigen Detection Method for Diagnosis of Acute Hepatitis E. <i>Journal of Clinical Microbiology</i> , 2015, 53, 782-788.	3.9	54
10	Structural basis of respiratory syncytial virus subtype-dependent neutralization by an antibody targeting the fusion glycoprotein. <i>Nature Communications</i> , 2017, 8, 1877.	12.8	53
11	The ORF3 Protein of Genotype 1 Hepatitis E Virus Suppresses TLR3-induced NF- κ B Signaling via TRADD and RIP1. <i>Scientific Reports</i> , 2016, 6, 27597.	3.3	48
12	A Comprehensive Study of Neutralizing Antigenic Sites on the Hepatitis E Virus (HEV) Capsid by Constructing, Clustering, and Characterizing a Tool Box. <i>Journal of Biological Chemistry</i> , 2015, 290, 19910-19922.	3.4	45
13	Bacteria expressed hepatitis E virus capsid proteins maintain virion-like epitopes. <i>Vaccine</i> , 2014, 32, 2859-2865.	3.8	36
14	Open Reading Frame 3 of Genotype 1 Hepatitis E Virus Inhibits Nuclear Factor- κ B Signaling Induced by Tumor Necrosis Factor- α in Human A549 Lung Epithelial Cells. <i>PLoS ONE</i> , 2014, 9, e100787.	2.5	30
15	A novel linear neutralizing epitope of hepatitis E virus. <i>Vaccine</i> , 2015, 33, 3504-3511.	3.8	25
16	Discovery of a Prefusion Respiratory Syncytial Virus F-Specific Monoclonal Antibody That Provides Greater <i>In Vivo</i> Protection than the Murine Precursor of Palivizumab. <i>Journal of Virology</i> , 2017, 91, .	3.4	24
17	Comparable quality attributes of hepatitis E vaccine antigen with and without adjuvant adsorption-dissolution treatment. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 1129-1139.	3.3	21
18	Long-term HEV carriers without antibody seroconversion among eligible immunocompetent blood donors. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-8.	6.5	21

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19	Quantitative evaluation of protective antibody response induced by hepatitis E vaccine in humans. <i>Nature Communications</i> , 2020, 11, 3971.	12.8	19
20	A high-throughput neutralizing assay for antibodies and sera against hepatitis E virus. <i>Scientific Reports</i> , 2016, 6, 25141.	3.3	15
21	The Bama miniature swine is susceptible to experimental HEV infection. <i>Scientific Reports</i> , 2016, 6, 31813.	3.3	10
22	Viral neutralization by antibody-imposed physical disruption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26933-26940.	7.1	9
23	Specific interaction between hnRNP H and HPV16 L1 proteins: Implications for late gene auto-regulation enabling rapid viral capsid protein production. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 1047-1053.	2.1	8
24	Hepatitis E vaccine candidate harboring a non-particulate immunogen of E2 fused with CRM197 fragment A. <i>Antiviral Research</i> , 2019, 164, 154-161.	4.1	8
25	A prophylactic effect of aluminium-based adjuvants against respiratory viruses via priming local innate immunity. <i>Emerging Microbes and Infections</i> , 2022, 11, 914-925.	6.5	8
26	Multifaceted characterization of recombinant protein-based vaccines: An immunochemical toolbox for epitope-specific analyses of the hepatitis E vaccine. <i>Vaccine</i> , 2018, 36, 7650-7658.	3.8	7
27	The study of seroprevalence of hepatitis E virus and an investigation into the lifestyle behaviours of the aborigines in Malaysia. <i>Zoonoses and Public Health</i> , 2020, 67, 263-270.	2.2	7
28	Functional epitopes on hepatitis E virions and recombinant capsids are highly conformation-dependent. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 1554-1564.	3.3	7
29	An Optimized High-Throughput Neutralization Assay for Hepatitis E Virus (HEV) Involving Detection of Secreted Porf2. <i>Viruses</i> , 2019, 11, 64.	3.3	6
30	Epidemiology of Respiratory Pathogens Among Children Hospitalized for Pneumonia in Xiamen: A Retrospective Study. <i>Infectious Diseases and Therapy</i> , 2021, 10, 1567-1578.	4.0	6
31	Molecular Evolution of Attachment Glycoprotein (G) and Fusion Protein (F) Genes of Respiratory Syncytial Virus ON1 and BA9 Strains in Xiamen, China. <i>Microbiology Spectrum</i> , 2022, 10, e0208321.	3.0	6
32	Lot-to-lot consistency study of an Escherichia coli-produced bivalent human papillomavirus vaccine in adult women: a randomized trial. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 1636-1644.	3.3	5
33	The Risk of Transfusion-Transmitted Hepatitis E Virus: Evidence from Seroprevalence Screening of Blood Donations. <i>Indian Journal of Hematology and Blood Transfusion</i> , 2022, 38, 145-152.	0.6	5
34	Development and evaluation of a rapid point-of-care test for detecting the hepatitis E virus antigen. <i>Clinical Biochemistry</i> , 2018, 55, 89-92.	1.9	4
35	The Optimal Concentration of Formaldehyde is Key to Stabilizing the Pre-Fusion Conformation of Respiratory Syncytial Virus Fusion Protein. <i>Viruses</i> , 2019, 11, 628.	3.3	4
36	Classification of human and zoonotic group hepatitis E virus (HEV) using antigen detection. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 8585-8594.	3.6	3

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37	Epidemiological Features, Risk Factors, and Disease Burden of Respiratory Viruses among Hospitalized Children with Acute Respiratory Tract Infections in Xiamen, China. <i>Japanese Journal of Infectious Diseases</i> , 2022, 75, 537-542.	1.2	3
38	An optimized high-throughput fluorescence plate reader-based RSV neutralization assay. <i>Journal of Virological Methods</i> , 2018, 260, 34-40.	2.1	2