

Rong Zhou

List of Publications by Year in descending order

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44
papers

767
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623188

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docs citations

49
times ranked

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#	ARTICLE	IF	CITATIONS
1	Analysis of severe human adenovirus infection outbreak in Guangdong Province, southern China in 2019. <i>Virologica Sinica</i> , 2022, 37, 331-340.	1.2	12
2	Seroprevalence of neutralizing antibodies against the respiratory syncytial virus in healthy adults in Guangzhou, southern China. <i>Journal of Medical Virology</i> , 2022, , .	2.5	1
3	A Sensitive and High-Throughput Flow Cytometry-Based Assay for Measuring Antibody Neutralization of Human Adenovirus Type 3. <i>Virologica Sinica</i> , 2021, 36, 537-544.	1.2	1
4	Seroprevalence of Neutralizing Antibodies against Six Human Adenovirus Types Indicates the Low Level of Herd Immunity in Young Children from Guangzhou, China. <i>Virologica Sinica</i> , 2021, 36, 373-381.	1.2	13
5	Chinese tree shrew: a permissive model for in vitro and in vivo replication of human adenovirus species B. <i>Emerging Microbes and Infections</i> , 2021, 10, 424-438.	3.0	9
6	Evaluation of an innovative pediatric isolation (PI) bed using fluid dynamics simulation and aerosol isolation efficacy. <i>Building Simulation</i> , 2021, 14, 1543-1552.	3.0	9
7	A 10-Day-Old Murine Model of Coxsackievirus A6 Infection for the Evaluation of Vaccines and Antiviral Drugs. <i>Frontiers in Immunology</i> , 2021, 12, 665197.	2.2	5
8	Epitope mapping of severe acute respiratory syndrome-related coronavirus nucleocapsid protein with a rabbit monoclonal antibody. <i>Virus Research</i> , 2021, 300, 198445.	1.1	9
9	Establishment and evaluation of a 30-minute detection method for SARS-CoV-2 nucleic acid using a novel ultra-fast real-time PCR instrument. <i>Journal of Thoracic Disease</i> , 2021, 13, 6866-6875.	0.6	6
10	Design of an air isolation and purification (AIP) desk for medical use and characterization of its efficacy in ambient air isolation and purification. <i>Biosafety and Health</i> , 2020, 2, 169-176.	1.2	4
11	Protein profile of well-differentiated versus un-differentiated human bronchial/tracheal epithelial cells. <i>Heliyon</i> , 2020, 6, e04243.	1.4	7
12	Back Cover Image, Volume 92, Number 8, August 2020. <i>Journal of Medical Virology</i> , 2020, 92, ii.	2.5	0
13	Epidemiology and Genetic Variabilities of Human Adenovirus Type 55 Reveal Relative Genome Stability Across Time and Geographic Space in China. <i>Frontiers in Microbiology</i> , 2020, 11, 606195.	1.5	10
14	Infection and replication of human adenovirus type 3 possessing type 5 fiber protein in rodent cells. <i>Virus Research</i> , 2020, 279, 197886.	1.1	3
15	A new material of cryopreserving cell samples. <i>Cryobiology</i> , 2020, 93, 70-74.	0.3	1
16	A novel method to diagnose the infection of enterovirus A71 in children by detecting IgA from saliva. <i>Journal of Medical Virology</i> , 2020, 92, 1059-1064.	2.5	2
17	Molecular evolution of human adenovirus type 16 through multiple recombination events. <i>Virus Genes</i> , 2019, 55, 769-778.	0.7	4
18	Characterization of a replication-competent vector encoding DsRed based on a human adenovirus type 4 a-like strain. <i>Virus Research</i> , 2019, 270, 197662.	1.1	5

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19	Development of two antigen-binding fragments to a conserved linear epitope of human adenovirus and their application in immunofluorescence. PLoS ONE, 2019, 14, e0219091.	1.1	3
20	Paramyxoviruses respiratory syncytial virus, parainfluenza virus, and human metapneumovirus infection in pediatric hospitalized patients and climate correlation in a subtropical region of southern China: a 7-year survey. European Journal of Clinical Microbiology and Infectious Diseases, 2019, 38, 2355-2364.	1.3	21
21	A tetravalent vaccine comprising hexon-chimeric adenoviruses elicits balanced protective immunity against human adenovirus types 3, 7, 14 and 55. Antiviral Research, 2018, 154, 17-25.	1.9	16
22	Epidemiological and clinical features of human metapneumovirus in hospitalised paediatric patients with acute respiratory illness: a cross-sectional study in Southern China, from 2013 to 2016. BMJ Open, 2018, 8, e019308.	0.8	19
23	Hexon and fiber of adenovirus type 14 and 55 are major targets of neutralizing antibody but only fiber-specific antibody contributes to cross-neutralizing activity. Virology, 2018, 518, 272-283.	1.1	20
24	A recombinant trivalent vaccine candidate against human adenovirus types 3, 7, and 55. Vaccine, 2018, 36, 2199-2206.	1.7	27
25	Identification of a Critical and Conformational Neutralizing Epitope in Human Adenovirus Type 4 Hexon. Journal of Virology, 2018, 92, .	1.5	11
26	Epidemiology and clinical characteristics of human coronaviruses OC43, 229E, NL63, and HKU1: a study of hospitalized children with acute respiratory tract infection in Guangzhou, China. European Journal of Clinical Microbiology and Infectious Diseases, 2018, 37, 363-369.	1.3	135
27	Broadly neutralizing monoclonal antibodies against human adenovirus types 55, 14p, 7, and 11 generated with recombinant type 11 fiber knob. Emerging Microbes and Infections, 2018, 7, 1-12.	3.0	16
28	Epidemiology of HBoV1 infection and relationship with meteorological conditions in hospitalized pediatric patients with acute respiratory illness: a 7-year study in a subtropical region. BMC Infectious Diseases, 2018, 18, 329.	1.3	14
29	Identification of adenovirus neutralizing antigens using capsid chimeric viruses. Virus Research, 2018, 256, 100-106.	1.1	6
30	Seroprevalence of neutralizing antibodies against adenovirus type 14 and 55 in healthy adults in Southern China. Emerging Microbes and Infections, 2017, 6, 1-8.	3.0	24
31	Prevalence of neutralizing antibodies to common respiratory viruses in intravenous immunoglobulin and in healthy donors in southern China. Journal of Thoracic Disease, 2016, 8, 803-812.	0.6	13
32	Human Adenovirus Serotype 3 Vector Packaged by a Rare Serotype 14 Hexon. PLoS ONE, 2016, 11, e0156984.	1.1	10
33	Epidemiology and Clinical Presentations of Respiratory Syncytial Virus Subgroups A and B Detected with Multiplex Real-Time PCR. PLoS ONE, 2016, 11, e0165108.	1.1	33
34	Identification and Application of Neutralizing Epitopes of Human Adenovirus Type 55 Hexon Protein. Viruses, 2015, 7, 5632-5642.	1.5	14
35	New Epidemiological and Clinical Signatures of 18 Pathogens from Respiratory Tract Infections Based on a 5-Year Study. PLoS ONE, 2015, 10, e0138684.	1.1	27
36	Neutralizing epitopes mapping of human adenovirus type 14 hexon. Vaccine, 2015, 33, 6659-6665.	1.7	8

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37	Study on risk factors and phenotypes of acute exacerbations of chronic obstructive pulmonary disease in Guangzhou, China-design and baseline characteristics. <i>Journal of Thoracic Disease</i> , 2015, 7, 720-33.	0.6	9
38	Generation of Neutralizing Monoclonal Antibodies against a Conformational Epitope of Human Adenovirus Type 7 (HAdV-7) Incorporated in Capsid Encoded in a HAdV-3-Based Vector. <i>PLoS ONE</i> , 2014, 9, e103058.	1.1	15
39	Epidemiology of Acute Respiratory Infections in Children in Guangzhou: A Three-Year Study. <i>PLoS ONE</i> , 2014, 9, e96674.	1.1	89
40	Construction and characterization of a recombinant human adenovirus type 3 vector containing two foreign neutralizing epitopes in hexon. <i>Virus Research</i> , 2014, 183, 67-74.	1.1	8
41	Antigenic variability among two subtypes of human adenovirus serotype 7. <i>Virus Genes</i> , 2014, 49, 22-29.	0.7	4
42	Serotype-Specific Neutralizing Antibody Epitopes of Human Adenovirus Type 3 (HAdV-3) and HAdV-7 Reside in Multiple Hexon Hypervariable Regions. <i>Journal of Virology</i> , 2012, 86, 7964-7975.	1.5	38
43	Construction and characterization of a replication-competent human adenovirus type 3-based vector as a live-vaccine candidate and a viral delivery vector. <i>Vaccine</i> , 2009, 27, 1145-1153.	1.7	44
44	Comparative genomic analysis of two strains of human adenovirus type 3 isolated from children with acute respiratory infection in southern China. <i>Journal of General Virology</i> , 2006, 87, 1531-1541.	1.3	42