

Rong Zhou

List of Publications by Year in descending order

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44
papers

767
citations

623188

14
h-index

552369

26
g-index

49
all docs

49
docs citations

49
times ranked

978
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 363-369.	1.3	135
2	Epidemiology of Acute Respiratory Infections in Children in Guangzhou: A Three-Year Study. <i>PLoS ONE</i> , 2014, 9, e96674.	1.1	89
3	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
4	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
5	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
6	Epidemiology and Clinical Presentations of Respiratory Syncytial Virus Subgroups A and B Detected with Multiplex Real-Time PCR. <i>PLoS ONE</i> , 2016, 11, e0165108.	1.1	33
7	New Epidemiological and Clinical Signatures of 18 Pathogens from Respiratory Tract Infections Based on a 5-Year Study. <i>PLoS ONE</i> , 2015, 10, e0138684.	1.1	27
8	A recombinant trivalent vaccine candidate against human adenovirus types 3, 7, and 55. <i>Vaccine</i> , 2018, 36, 2199-2206.	1.7	27
9	Seroprevalence of neutralizing antibodies against adenovirus type 14 and 55 in healthy adults in Southern China. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-8.	3.0	24
10	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. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 2355-2364.	1.3	21
11	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. <i>Virology</i> , 2018, 518, 272-283.	1.1	20
12	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. <i>BMJ Open</i> , 2018, 8, e019308.	0.8	19
13	A tetravalent vaccine comprising hexon-chimeric adenoviruses elicits balanced protective immunity against human adenovirus types 3, 7, 14 and 55. <i>Antiviral Research</i> , 2018, 154, 17-25.	1.9	16
14	Broadly neutralizing monoclonal antibodies against human adenovirus types 55, 14p, 7, and 11 generated with recombinant type 11 fiber knob. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-12.	3.0	16
15	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
16	Identification and Application of Neutralizing Epitopes of Human Adenovirus Type 55 Hexon Protein. <i>Viruses</i> , 2015, 7, 5632-5642.	1.5	14
17	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. <i>BMC Infectious Diseases</i> , 2018, 18, 329.	1.3	14
18	Prevalence of neutralizing antibodies to common respiratory viruses in intravenous immunoglobulin and in healthy donors in southern China. <i>Journal of Thoracic Disease</i> , 2016, 8, 803-812.	0.6	13

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19	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
20	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
21	Identification of a Critical and Conformational Neutralizing Epitope in Human Adenovirus Type 4 Hexon. <i>Journal of Virology</i> , 2018, 92, .	1.5	11
22	Human Adenovirus Serotype 3 Vector Packaged by a Rare Serotype 14 Hexon. <i>PLoS ONE</i> , 2016, 11, e0156984.	1.1	10
23	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
24	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
25	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
26	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
27	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
28	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
29	Neutralizing epitopes mapping of human adenovirus type 14 hexon. <i>Vaccine</i> , 2015, 33, 6659-6665.	1.7	8
30	Protein profile of well-differentiated versus un-differentiated human bronchial/tracheal epithelial cells. <i>Heliyon</i> , 2020, 6, e04243.	1.4	7
31	Identification of adenovirus neutralizing antigens using capsid chimeric viruses. <i>Virus Research</i> , 2018, 256, 100-106.	1.1	6
32	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
33	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
34	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
35	Antigenic variability among two subtypes of human adenovirus serotype 7. <i>Virus Genes</i> , 2014, 49, 22-29.	0.7	4
36	Molecular evolution of human adenovirus type 16 through multiple recombination events. <i>Virus Genes</i> , 2019, 55, 769-778.	0.7	4

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37	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
38	Development of two antigen-binding fragments to a conserved linear epitope of human adenovirus and their application in immunofluorescence. <i>PLoS ONE</i> , 2019, 14, e0219091.	1.1	3
39	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
40	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
41	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
42	A new material of cryopreserving cell samples. <i>Cryobiology</i> , 2020, 93, 70-74.	0.3	1
43	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
44	Back Cover Image, Volume 92, Number 8, August 2020. <i>Journal of Medical Virology</i> , 2020, 92, ii.	2.5	0