

David Wang

List of Publications by Year in descending order

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60
papers

7,013
citations

136950

32
h-index

133252

59
g-index

61
all docs

61
docs citations

61
times ranked

12166
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of Bourbon Virus-Specific Serum Neutralizing Antibodies in Human Serum in Missouri, USA. MSphere, 2022, 7, .	2.9	9
2	Endogenization of a Prosimian Retrovirus during Lemur Evolution. Viruses, 2021, 13, 383.	3.3	2
3	Seroprevalence of SARS-CoV-2 Antibodies in Children and Adults in St. Louis, Missouri, USA. MSphere, 2021, 6, .	2.9	25
4	Resistance of SARS-CoV-2 variants to neutralization by monoclonal and serum-derived polyclonal antibodies. Nature Medicine, 2021, 27, 717-726.	30.7	838
5	Broadly neutralizing monoclonal antibodies protect against multiple tick-borne flaviviruses. Journal of Experimental Medicine, 2021, 218, .	8.5	22
6	SARS-CoV-2 E Gene Variant Alters Analytical Sensitivity Characteristics of Viral Detection Using a Commercial Reverse Transcription-PCR Assay. Journal of Clinical Microbiology, 2021, 59, e0007521.	3.9	45
7	In vivo monoclonal antibody efficacy against SARS-CoV-2 variant strains. Nature, 2021, 596, 103-108.	27.8	222
8	Divergent Enteroviruses from Macaques with Chronic Diarrhea. Microbiology Resource Announcements, 2021, 10, e0069921.	0.6	0
9	Progression of SARS-CoV-2 Seroprevalence in St. Louis, Missouri, through January 2021. MSphere, 2021, 6, e0045021.	2.9	4
10	A potently neutralizing SARS-CoV-2 antibody inhibits variants of concern by utilizing unique binding residues in a highly conserved epitope. Immunity, 2021, 54, 2399-2416.e6.	14.3	79
11	High Seropositivity Rate of Neutralizing Antibodies to Astrovirus VA1 in Human Populations. MSphere, 2021, 6, e0048421.	2.9	10
12	Nucleic Acid-Based Screening of Maternal Serum to Detect Viruses in Women with Labor or PROM. Reproductive Sciences, 2020, 27, 537-544.	2.5	5
13	Antiviral activity of ribavirin and favipiravir against human astroviruses. Journal of Clinical Virology, 2020, 123, 104247.	3.1	22
14	5 challenges in understanding the role of the virome in health and disease. PLoS Pathogens, 2020, 16, e1008318.	4.7	30
15	Neutralizing Antibody and Soluble ACE2 Inhibition of a Replication-Competent VSV-SARS-CoV-2 and a Clinical Isolate of SARS-CoV-2. Cell Host and Microbe, 2020, 28, 475-485.e5.	11.0	380
16	Anellovirus Dynamics Are Associated With Primary Graft Dysfunction in Lung Transplantation. Transplantation Direct, 2020, 6, e521.	1.6	8
17	Neutralizing Antibody and Soluble ACE2 Inhibition of a Replication-Competent VSV-SARS-CoV-2 and a Clinical Isolate of SARS-CoV-2. SSRN Electronic Journal, 2020, , 3606354.	0.4	16
18	Laboratory mice born to wild mice have natural microbiota and model human immune responses. Science, 2019, 365, .	12.6	360

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19	Differential <i>In Vitro</i> Infection of Neural Cells by Astroviruses. <i>MBio</i> , 2019, 10, .	4.1	18
20	Neutralizing antibodies against Mayaro virus require Fc effector functions for protective activity. <i>Journal of Experimental Medicine</i> , 2019, 216, 2282-2301.	8.5	51
21	Astrovirus replication in human intestinal enteroids reveals multi-cellular tropism and an intricate host innate immune landscape. <i>PLoS Pathogens</i> , 2019, 15, e1008057.	4.7	69
22	Taxonomy of the order Mononegavirales: second update 2018. <i>Archives of Virology</i> , 2019, 164, 1233-1244.	2.1	70
23	Therapeutic efficacy of favipiravir against Bourbon virus in mice. <i>PLoS Pathogens</i> , 2019, 15, e1007790.	4.7	32
24	Virome biogeography in the lower gastrointestinal tract of rhesus macaques with chronic diarrhea. <i>Virology</i> , 2019, 527, 77-88.	2.4	29
25	Infection and Propagation of Astrovirus VA1 in Cell Culture. <i>Current Protocols in Microbiology</i> , 2019, 52, e73.	6.5	11
26	Entry by multiple picornaviruses is dependent on a pathway that includes TNK2, WASL, and NCK1. <i>ELife</i> , 2019, 8, .	6.0	16
27	Taxonomy of the order Mononegavirales: update 2018. <i>Archives of Virology</i> , 2018, 163, 2283-2294.	2.1	153
28	Anellovirus loads are associated with outcomes in pediatric lung transplantation. <i>Pediatric Transplantation</i> , 2018, 22, e13069.	1.0	48
29	Characterization of BK Polyomaviruses from Kidney Transplant Recipients Suggests a Role for APOBEC3 in Driving In-Host Virus Evolution. <i>Cell Host and Microbe</i> , 2018, 23, 628-635.e7.	11.0	63
30	Isolation of a simian immunodeficiency virus from a malbrouck (<i>Chlorocebus cynosuros</i>). <i>Archives of Virology</i> , 2017, 162, 543-548.	2.1	8
31	VirusSeeker, a computational pipeline for virus discovery and virome composition analysis. <i>Virology</i> , 2017, 503, 21-30.	2.4	115
32	A Murine Herpesvirus Closely Related to Ubiquitous Human Herpesviruses Causes T-Cell Depletion. <i>Journal of Virology</i> , 2017, 91, .	3.4	29
33	Statoviruses, A novel taxon of RNA viruses present in the gastrointestinal tracts of diverse mammals. <i>Virology</i> , 2017, 504, 36-44.	2.4	16
34	Origins and challenges of viral dark matter. <i>Virus Research</i> , 2017, 239, 136-142.	2.2	167
35	Taxonomy of the order Mononegavirales: update 2017. <i>Archives of Virology</i> , 2017, 162, 2493-2504.	2.1	173
36	Propagation of Astrovirus VA1, a Neurotropic Human Astrovirus, in Cell Culture. <i>Journal of Virology</i> , 2017, 91, .	3.4	35

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37	An Intracellular Pathogen Response Pathway Promotes Proteostasis in <i>C.Âlegans</i> . <i>Current Biology</i> , 2017, 27, 3544-3553.e5.	3.9	80
38	Intestinal virome changes precede autoimmunity in type I diabetes-susceptible children. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6166-E6175.	7.1	227
39	On the Origin of Reverse Transcriptase-Using CRISPR-Cas Systems and Their Hyperdiverse, Enigmatic Spacer Repertoires. <i>MBio</i> , 2017, 8, .	4.1	52
40	Complete Genome Sequence of <i>Torque teno indri virus 1</i> , a Novel Anellovirus in Blood from a Free-Living Lemur. <i>Genome Announcements</i> , 2017, 5, .	0.8	4
41	ICTV Virus Taxonomy Profile: Nyamiviridae. <i>Journal of General Virology</i> , 2017, 98, 2914-2915.	2.9	5
42	Taxonomy of the order Mononegavirales: update 2016. <i>Archives of Virology</i> , 2016, 161, 2351-2360.	2.1	407
43	A Library of Infectious Hepatitis C Viruses with Engineered Mutations in the E2 Gene Reveals Growth-Adaptive Mutations That Modulate Interactions with Scavenger Receptor Class B Type I. <i>Journal of Virology</i> , 2016, 90, 10499-10512.	3.4	22
44	The Bacterial Microbiome and Virome Milestones of Infant Development. <i>Trends in Microbiology</i> , 2016, 24, 801-810.	7.7	119
45	SIV Infection-Mediated Changes in Gastrointestinal Bacterial Microbiome and Virome Are Associated with Immunodeficiency and Prevented by Vaccination. <i>Cell Host and Microbe</i> , 2016, 19, 323-335.	11.0	78
46	Altered Virome and Bacterial Microbiome in Human Immunodeficiency Virus-Associated Acquired Immunodeficiency Syndrome. <i>Cell Host and Microbe</i> , 2016, 19, 311-322.	11.0	330
47	Hyperexpansion of RNA Bacteriophage Diversity. <i>PLoS Biology</i> , 2016, 14, e1002409.	5.6	100
48	Prevalence of classic, MLB-clade and VA-clade Astroviruses in Kenya and The Gambia. <i>Virology Journal</i> , 2015, 12, 78.	3.4	73
49	Non-Human Primates Harbor Diverse Mammalian and Avian Astroviruses Including Those Associated with Human Infections. <i>PLoS Pathogens</i> , 2015, 11, e1005225.	4.7	68
50	Species-Specific Transmission of Novel Picornaviruses in Lemurs. <i>Journal of Virology</i> , 2015, 89, 4002-4010.	3.4	9
51	Fruits of Virus Discovery: New Pathogens and New Experimental Models. <i>Journal of Virology</i> , 2015, 89, 1486-1488.	3.4	9
52	Disease-Specific Alterations in the Enteric Virome in Inflammatory Bowel Disease. <i>Cell</i> , 2015, 160, 447-460.	28.9	1,036
53	Early life dynamics of the human gut virome and bacterial microbiome in infants. <i>Nature Medicine</i> , 2015, 21, 1228-1234.	30.7	523
54	Gut DNA viromes of Malawian twins discordant for severe acute malnutrition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11941-11946.	7.1	262

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55	Detection of viral pathogens in high grade gliomas from unmapped next-generation sequencing data. <i>Experimental and Molecular Pathology</i> , 2014, 96, 310-315.	2.1	45
56	Geographic variation in the eukaryotic virome of human diarrhea. <i>Virology</i> , 2014, 468-470, 556-564.	2.4	62
57	Seroepidemiology of Astrovirus MLB1. <i>Vaccine Journal</i> , 2014, 21, 908-911.	3.1	32
58	Immunohistochemical detection of KI polyomavirus in lung and spleen. <i>Virology</i> , 2014, 468-470, 178-184.	2.4	22
59	Discovery of rosavirus 2, a novel variant of a rodent-associated picornavirus, in children from The Gambia. <i>Virology</i> , 2014, 454-455, 25-33.	2.4	16
60	Pathogenic Simian Immunodeficiency Virus Infection Is Associated with Expansion of the Enteric Virome. <i>Cell</i> , 2012, 151, 253-266.	28.9	252