

Wentao Li

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

6,575
citations

136950

32
h-index

168389

53
g-index

66
all docs

66
docs citations

66
times ranked

12689
citing authors

#	ARTICLE	IF	CITATIONS
1	Severe Acute Respiratory Syndrome Coronavirus 2-Specific Antibody Responses in Coronavirus Disease Patients. <i>Emerging Infectious Diseases</i> , 2020, 26, 1478-1488.	4.3	1,389
2	A human monoclonal antibody blocking SARS-CoV-2 infection. <i>Nature Communications</i> , 2020, 11, 2251.	12.8	919
3	Glycan shield and epitope masking of a coronavirus spike protein observed by cryo-electron microscopy. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 899-905.	8.2	366
4	Human coronaviruses OC43 and HKU1 bind to 9-O-acetylated sialic acids via a conserved receptor-binding site in spike protein domain A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2681-2690.	7.1	335
5	New Variants of Porcine Epidemic Diarrhea Virus, China, 2011. <i>Emerging Infectious Diseases</i> , 2012, 18, 1350-1353.	4.3	318
6	New Variants of Porcine Epidemic Diarrhea Virus, China, 2011. <i>Emerging Infectious Diseases</i> , 2012, 18, 1350-1353.	4.3	273
7	Identification of sialic acid-binding function for the Middle East respiratory syndrome coronavirus spike glycoprotein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8508-E8517.	7.1	272
8	Structures of MERS-CoV spike glycoprotein in complex with sialoside attachment receptors. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 1151-1157.	8.2	218
9	Broad receptor engagement of an emerging global coronavirus may potentiate its diverse cross-species transmissibility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5135-E5143.	7.1	192
10	A conserved immunogenic and vulnerable site on the coronavirus spike protein delineated by cross-reactive monoclonal antibodies. <i>Nature Communications</i> , 2021, 12, 1715.	12.8	138
11	Cellular entry of the porcine epidemic diarrhea virus. <i>Virus Research</i> , 2016, 226, 117-127.	2.2	128
12	Glycan Shield and Fusion Activation of a Deltacoronavirus Spike Glycoprotein Fine-Tuned for Enteric Infections. <i>Journal of Virology</i> , 2018, 92, .	3.4	124
13	Cell Attachment Domains of the Porcine Epidemic Diarrhea Virus Spike Protein Are Key Targets of Neutralizing Antibodies. <i>Journal of Virology</i> , 2017, 91, .	3.4	106
14	Hierarchical Nanogaps within Bioscaffold Arrays as a High-Performance SERS Substrate for Animal Virus Biosensing. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 6281-6289.	8.0	105
15	Proteolytic Activation of the Porcine Epidemic Diarrhea Coronavirus Spike Fusion Protein by Trypsin in Cell Culture. <i>Journal of Virology</i> , 2014, 88, 7952-7961.	3.4	105
16	Towards a solution to MERS: protective human monoclonal antibodies targeting different domains and functions of the MERS-coronavirus spike glycoprotein. <i>Emerging Microbes and Infections</i> , 2019, 8, 516-530.	6.5	99
17	Aqueous one-pot synthesis of bright and ultrasmall CdTe/CdS near-infrared-emitting quantum dots and their application for tumor targeting in vivo. <i>Chemical Communications</i> , 2012, 48, 4971.	4.1	84
18	Aminopeptidase N is not required for porcine epidemic diarrhea virus cell entry. <i>Virus Research</i> , 2017, 235, 6-13.	2.2	74

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19	Older adults lack SARS CoV-2 cross-reactive T lymphocytes directed to human coronaviruses OC43 and NL63. <i>Scientific Reports</i> , 2020, 10, 21447.	3.3	70
20	Development of a SARS-CoV-2 Total Antibody Assay and the Dynamics of Antibody Response over Time in Hospitalized and Nonhospitalized Patients with COVID-19. <i>Journal of Immunology</i> , 2020, 205, 3491-3499.	0.8	61
21	Human Milk from Previously COVID-19-Infected Mothers: The Effect of Pasteurization on Specific Antibodies and Neutralization Capacity. <i>Nutrients</i> , 2021, 13, 1645.	4.1	54
22	Serologic Screening of Severe Acute Respiratory Syndrome Coronavirus 2 Infection in Cats and Dogs during First Coronavirus Disease Wave, the Netherlands. <i>Emerging Infectious Diseases</i> , 2021, 27, 1362-1370.	4.3	51
23	A plug-and-play platform of ratiometric bioluminescent sensors for homogeneous immunoassays. <i>Nature Communications</i> , 2021, 12, 4586.	12.8	50
24	Coronavirus hemagglutinin-esterase and spike proteins coevolve for functional balance and optimal virion avidity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25759-25770.	7.1	48
25	Accurate serology for SARS-CoV-2 and common human coronaviruses using a multiplex approach. <i>Emerging Microbes and Infections</i> , 2020, 9, 1965-1973.	6.5	45
26	The antiviral activity of arctigenin in traditional Chinese medicine on porcine circovirus type 2. <i>Research in Veterinary Science</i> , 2016, 106, 159-164.	1.9	44
27	Structural insights into the cross-neutralization of SARS-CoV and SARS-CoV-2 by the human monoclonal antibody 47D11. <i>Science Advances</i> , 2021, 7, .	10.3	42
28	Broad Activity against Porcine Bacterial Pathogens Displayed by Two Insect Antimicrobial Peptides Moricin and Cecropin B. <i>Molecules and Cells</i> , 2013, 35, 106-114.	2.6	41
29	Transcription analysis on response of porcine alveolar macrophages to <i>Haemophilus parasuis</i> . <i>BMC Genomics</i> , 2012, 13, 68.	2.8	38
30	Porcine epidemic diarrhea virus ORF3 gene prolongs S-phase, facilitates formation of vesicles and promotes the proliferation of attenuated PEDV. <i>Virus Genes</i> , 2015, 51, 385-392.	1.6	37
31	An ACE2-blocking antibody confers broad neutralization and protection against Omicron and other SARS-CoV-2 variants of concern. <i>Science Immunology</i> , 2022, 7, eabp9312.	11.9	35
32	Transcription analysis of the porcine alveolar macrophage response to porcine circovirus type 2. <i>BMC Genomics</i> , 2013, 14, 353.	2.8	33
33	A Single Point Mutation Creating a Furin Cleavage Site in the Spike Protein Renders Porcine Epidemic Diarrhea Coronavirus Trypsin Independent for Cell Entry and Fusion. <i>Journal of Virology</i> , 2015, 89, 8077-8081.	3.4	33
34	Species-Specific Colocalization of Middle East Respiratory Syndrome Coronavirus Attachment and Entry Receptors. <i>Journal of Virology</i> , 2019, 93, .	3.4	33
35	Proteomic analysis of porcine alveolar macrophages infected with porcine circovirus type 2. <i>Journal of Proteomics</i> , 2012, 75, 3258-3269.	2.4	28
36	SARS-CoV-2 Neutralizing Human Antibodies Protect Against Lower Respiratory Tract Disease in a Hamster Model. <i>Journal of Infectious Diseases</i> , 2021, 223, 2020-2028.	4.0	28

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37	Serological Screening for Coronavirus Infections in Cats. <i>Viruses</i> , 2019, 11, 743.	3.3	25
38	Coinfection with <i>Haemophilus parasuis</i> serovar 4 increases the virulence of porcine circovirus type 2 in piglets. <i>Virology Journal</i> , 2017, 14, 227.	3.4	21
39	Porcine epidemic diarrhea virus (PEDV) introduction into a naive Dutch pig population in 2014. <i>Veterinary Microbiology</i> , 2018, 221, 13-18.	1.9	18
40	Porcine CD74 is involved in the inflammatory response activated by nuclear factor kappa B during porcine circovirus type 2 (PCV-2) infection. <i>Archives of Virology</i> , 2013, 158, 2285-2295.	2.1	17
41	A SERS-based immunoassay for porcine circovirus type 2 using multi-branched gold nanoparticles. <i>Mikrochimica Acta</i> , 2013, 180, 1501-1507.	5.0	17
42	Ultrasensitive detection of porcine circovirus type 2 using gold(iii) enhanced chemiluminescence immunoassay. <i>Analyst, The</i> , 2010, 135, 1680.	3.5	16
43	Serologic Detection of Middle East Respiratory Syndrome Coronavirus Functional Antibodies. <i>Emerging Infectious Diseases</i> , 2020, 26, 1024-1027.	4.3	16
44	Development and evaluation of loop-mediated isothermal amplification for rapid detection of <i>Haemophilus parasuis</i> . <i>FEMS Microbiology Letters</i> , 2010, 313, 54-60.	1.8	14
45	Antigenic structure of the human coronavirus OC43 spike reveals exposed and occluded neutralizing epitopes. <i>Nature Communications</i> , 2022, 13, .	12.8	12
46	Transcriptional Profiling of <i>Haemophilus parasuis</i> SH0165 Response to Tilmicosin. <i>Microbial Drug Resistance</i> , 2012, 18, 604-615.	2.0	6
47	Gene Expression Profiling of Cecropin B-Resistant <i>Haemophilus parasuis</i> . <i>Journal of Molecular Microbiology and Biotechnology</i> , 2014, 24, 120-129.	1.0	6
48	Plasmid Mediated Streptomycin and Sulfonamide Resistance in <i>Haemophilus parasuis</i> . <i>Journal of Animal and Veterinary Advances</i> , 2012, 11, 1106-1109.	0.1	6
49	The construction and immunogenicity analyses of a recombinant pseudorabies virus with porcine circovirus type 3 capsid protein co-expression. <i>Veterinary Microbiology</i> , 2022, 264, 109283.	1.9	6
50	Efficacy of single dose of an inactivated porcine circovirus type 2 (PCV2) whole-virus vaccine with oil adjuvant in piglets. <i>Acta Veterinaria Scandinavica</i> , 2012, 54, 67.	1.6	5
51	The Diversity and Spatiotemporally Evolutionary Dynamic of Atypical Porcine Pestivirus in China. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	4
52	Levistolide A Inhibits PEDV Replication via Inducing ROS Generation. <i>Viruses</i> , 2022, 14, 258.	3.3	3
53	In Silico Infection Analysis (iSFA) Identified Coronavirus Infection and Potential Transmission Risk in Mammals. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 831876.	3.5	2
54	Immunologic Effect of Attenuated <i>Salmonella enteric</i> Serovar <i>Choleraesuis</i> C501 Expressing Recombinant <i>Mycoplasma hyopneumoniae</i> P97R1 Adhesin and NrdF Antigens in Mice. <i>Journal of Vaccines & Vaccination</i> , 2013, 04, .	0.3	0