

Wenhui Li

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

85
papers

13,835
citations

44
h-index

87
g-index

87
ext. papers

16,351
ext. citations

9.6
avg, IF

5.92
L-index

#	Paper	IF	Citations
85	Angiotensin-converting enzyme 2 is a functional receptor for the SARS coronavirus. <i>Nature</i> , 2003 , 426, 450-4	50.4	3969
84	Structure of SARS coronavirus spike receptor-binding domain complexed with receptor. <i>Science</i> , 2005 , 309, 1864-8	33.3	1383
83	Sodium taurocholate cotransporting polypeptide is a functional receptor for human hepatitis B and D virus. <i>ELife</i> , 2012 , 1, e00049	8.9	1216
82	Receptor and viral determinants of SARS-coronavirus adaptation to human ACE2. <i>EMBO Journal</i> , 2005 , 24, 1634-43	13	710
81	A 193-amino acid fragment of the SARS coronavirus S protein efficiently binds angiotensin-converting enzyme 2. <i>Journal of Biological Chemistry</i> , 2004 , 279, 3197-201	5.4	528
80	Potent neutralization of severe acute respiratory syndrome (SARS) coronavirus by a human mAb to S1 protein that blocks receptor association. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 2536-41	11.5	481
79	SARS-CoV-2 spike-protein D614G mutation increases virion spike density and infectivity. <i>Nature Communications</i> , 2020 , 11, 6013	17.4	450
78	Receptor-binding domain of SARS-CoV spike protein induces highly potent neutralizing antibodies: implication for developing subunit vaccine. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 324, 773-81	3.4	316
77	Transferrin receptor 1 is a cellular receptor for New World haemorrhagic fever arenaviruses. <i>Nature</i> , 2007 , 446, 92-6	50.4	314
76	SARS coronavirus, but not human coronavirus NL63, utilizes cathepsin L to infect ACE2-expressing cells. <i>Journal of Biological Chemistry</i> , 2006 , 281, 3198-203	5.4	261
75	TIM-family proteins promote infection of multiple enveloped viruses through virion-associated phosphatidylserine. <i>PLoS Pathogens</i> , 2013 , 9, e1003232	7.6	223
74	Animal origins of the severe acute respiratory syndrome coronavirus: insight from ACE2-S-protein interactions. <i>Journal of Virology</i> , 2006 , 80, 4211-9	6.6	206
73	Retroviruses pseudotyped with the severe acute respiratory syndrome coronavirus spike protein efficiently infect cells expressing angiotensin-converting enzyme 2. <i>Journal of Virology</i> , 2004 , 78, 10628-35	6.6	197
72	A global scientific strategy to cure hepatitis B. <i>The Lancet Gastroenterology and Hepatology</i> , 2019 , 4, 545-558	18.8	187
71	Human Coronavirus HKU1 Spike Protein Uses O-Acetylated Sialic Acid as an Attachment Receptor Determinant and Employs Hemagglutinin-Esterase Protein as a Receptor-Destroying Enzyme. <i>Journal of Virology</i> , 2015 , 89, 7202-13	6.6	166
70	Viral entry of hepatitis B and D viruses and bile salts transportation share common molecular determinants on sodium taurocholate cotransporting polypeptide. <i>Journal of Virology</i> , 2014 , 88, 3273-84	6.6	166
69	Tyrosine sulfation of human antibodies contributes to recognition of the CCR5 binding region of HIV-1 gp120. <i>Cell</i> , 2003 , 114, 161-70	56.2	166

68	Antibody responses against SARS coronavirus are correlated with disease outcome of infected individuals. <i>Journal of Medical Virology</i> , 2006 , 78, 1-8	19.7	152
67	Efficient replication of severe acute respiratory syndrome coronavirus in mouse cells is limited by murine angiotensin-converting enzyme 2. <i>Journal of Virology</i> , 2004 , 78, 11429-33	6.6	139
66	Evaluation of human monoclonal antibody 80R for immunoprophylaxis of severe acute respiratory syndrome by an animal study, epitope mapping, and analysis of spike variants. <i>Journal of Virology</i> , 2005 , 79, 5900-6	6.6	129
65	Molecular determinants of hepatitis B and D virus entry restriction in mouse sodium taurocholate cotransporting polypeptide. <i>Journal of Virology</i> , 2013 , 87, 7977-91	6.6	127
64	The S proteins of human coronavirus NL63 and severe acute respiratory syndrome coronavirus bind overlapping regions of ACE2. <i>Virology</i> , 2007 , 367, 367-74	3.6	119
63	Sulphated tyrosines mediate association of chemokines and Plasmodium vivax Duffy binding protein with the Duffy antigen/receptor for chemokines (DARC). <i>Molecular Microbiology</i> , 2005 , 55, 1413-22	4.1	118
62	Alpha-interferon suppresses hepadnavirus transcription by altering epigenetic modification of cccDNA minichromosomes. <i>PLoS Pathogens</i> , 2013 , 9, e1003613	7.6	112
61	DNA Polymerase β is a Key Cellular Factor for the Formation of Covalently Closed Circular DNA of Hepatitis B Virus. <i>PLoS Pathogens</i> , 2016 , 12, e1005893	7.6	112
60	Influenza A virus neuraminidase limits viral superinfection. <i>Journal of Virology</i> , 2008 , 82, 4834-43	6.6	104
59	Conserved receptor-binding domains of Lake Victoria marburgvirus and Zaire ebolavirus bind a common receptor. <i>Journal of Biological Chemistry</i> , 2006 , 281, 15951-8	5.4	104
58	NTCP and beyond: opening the door to unveil hepatitis B virus entry. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 2892-905	6.3	100
57	Molecular determinants of enterovirus 71 viral entry: cleft around GLN-172 on VP1 protein interacts with variable region on scavenger receptor B 2. <i>Journal of Biological Chemistry</i> , 2012 , 287, 6406-20	5.4	99
56	Conformational states of the severe acute respiratory syndrome coronavirus spike protein ectodomain. <i>Journal of Virology</i> , 2006 , 80, 6794-800	6.6	96
55	Cross-neutralization of human and palm civet severe acute respiratory syndrome coronaviruses by antibodies targeting the receptor-binding domain of spike protein. <i>Journal of Immunology</i> , 2006 , 176, 6085-92	5.3	93
54	Hepatitis D Virus Infection of Mice Expressing Human Sodium Taurocholate Co-transporting Polypeptide. <i>PLoS Pathogens</i> , 2015 , 11, e1004840	7.6	78
53	Entry of hepatitis B and hepatitis D virus into hepatocytes: Basic insights and clinical implications. <i>Journal of Hepatology</i> , 2016 , 64, S32-S40	13.4	76
52	Dual-targeting nanoparticle vaccine elicits a therapeutic antibody response against chronic hepatitis B. <i>Nature Nanotechnology</i> , 2020 , 15, 406-416	28.7	71
51	HBV core protein allosteric modulators differentially alter cccDNA biosynthesis from de novo infection and intracellular amplification pathways. <i>PLoS Pathogens</i> , 2017 , 13, e1006658	7.6	71

50	Structural basis for activation and inhibition of the secreted chlamydia protease CPAF. <i>Cell Host and Microbe</i> , 2008 , 4, 529-42	23.4	62
49	Receptor Usage of a Novel Bat Lineage C Betacoronavirus Reveals Evolution of Middle East Respiratory Syndrome-Related Coronavirus Spike Proteins for Human Dipeptidyl Peptidase 4 Binding. <i>Journal of Infectious Diseases</i> , 2018 , 218, 197-207	7	59
48	Nonmuscle myosin heavy chain IIA is a critical factor contributing to the efficiency of early infection of severe fever with thrombocytopenia syndrome virus. <i>Journal of Virology</i> , 2014 , 88, 237-48	6.6	59
47	The SARS-CoV-2 receptor-binding domain elicits a potent neutralizing response without antibody-dependent enhancement		59
46	NTCP opens the door for hepatitis B virus infection. <i>Antiviral Research</i> , 2015 , 121, 24-30	10.8	55
45	Sodium taurocholate cotransporting polypeptide mediates woolly monkey hepatitis B virus infection of Tupaia hepatocytes. <i>Journal of Virology</i> , 2013 , 87, 7176-84	6.6	53
44	A potent human neutralizing antibody Fc-dependently reduces established HBV infections. <i>ELife</i> , 2017 , 6,	8.9	50
43	Tyrosine-sulfated peptides functionally reconstitute a CCR5 variant lacking a critical amino-terminal region. <i>Journal of Biological Chemistry</i> , 2002 , 277, 40397-402	5.4	48
42	Site-specific engineering of chemical functionalities on the surface of live hepatitis D virus. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 13970-4	16.4	47
41	The hepatitis B virus receptor. <i>Annual Review of Cell and Developmental Biology</i> , 2015 , 31, 125-47	12.6	44
40	NTCP-Reconstituted In Vitro HBV Infection System. <i>Methods in Molecular Biology</i> , 2017 , 1540, 1-14	1.4	36
39	Development and effectiveness of pseudotyped SARS-CoV-2 system as determined by neutralizing efficiency and entry inhibition test. <i>Biosafety and Health</i> , 2020 , 2, 226-231	4.7	33
38	Severe fever with thrombocytopenia syndrome phlebovirus non-structural protein activates TPL2 signalling pathway for viral immunopathogenesis. <i>Nature Microbiology</i> , 2019 , 4, 429-437	26.6	29
37	Modification of Three Amino Acids in Sodium Taurocholate Cotransporting Polypeptide Renders Mice Susceptible to Infection with Hepatitis D Virus In Vivo. <i>Journal of Virology</i> , 2016 , 90, 8866-74	6.6	26
36	Silencing Retinoid X Receptor Alpha Expression Enhances Early-Stage Hepatitis B Virus Infection In Cell Cultures. <i>Journal of Virology</i> , 2018 , 92,	6.6	25
35	Enforced PGC-1 α expression promotes CD8 T cell fitness, memory formation and antitumor immunity. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 1761-1771	15.4	24
34	Sleep Duration and Cardiometabolic Risk Among Chinese School-aged Children: Do Adipokines Play a Mediating Role?. <i>Sleep</i> , 2017 , 40,	1.1	22
33	Development and evaluation of a pseudovirus-luciferase assay for rapid and quantitative detection of neutralizing antibodies against enterovirus 71. <i>PLoS ONE</i> , 2013 , 8, e64116	3.7	21

32	SARS-CoV, but not HCoV-NL63, utilizes cathepsins to infect cells: viral entry. <i>Advances in Experimental Medicine and Biology</i> , 2006 , 581, 335-8	3.6	21
31	Increased sulfation of bile acids in mice and human subjects with sodium taurocholate cotransporting polypeptide deficiency. <i>Journal of Biological Chemistry</i> , 2019 , 294, 11853-11862	5.4	17
30	miR-375 and miR-30d in the effect of chromium-containing Chinese medicine moderating glucose metabolism. <i>Journal of Diabetes Research</i> , 2014 , 2014, 862473	3.9	16
29	Insights from the association of SARS-CoV S-protein with its receptor, ACE2. <i>Advances in Experimental Medicine and Biology</i> , 2006 , 581, 209-18	3.6	16
28	The History and Challenges of Blood Donor Screening in China. <i>Transfusion Medicine Reviews</i> , 2017 , 31, 89-93	7.4	15
27	Lack of antibody-mediated cross-protection between SARS-CoV-2 and SARS-CoV infections. <i>EBioMedicine</i> , 2020 , 58, 102890	8.8	15
26	microRNA expression in hepatitis B virus infected primary treeshrew hepatocytes and the independence of intracellular miR-122 level for de novo HBV infection in culture. <i>Virology</i> , 2014 , 448, 247-54	3.6	14
25	Woodchuck sodium taurocholate cotransporting polypeptide supports low-level hepatitis B and D virus entry. <i>Virology</i> , 2017 , 505, 1-11	3.6	12
24	Severe Acute Respiratory Syndrome Coronavirus Entry as a Target of Antiviral Therapies. <i>Antiviral Therapy</i> , 2007 , 12, 639-650	1.6	12
23	Sodium taurocholate cotransporting polypeptide acts as a receptor for hepatitis B and D virus. <i>Digestive Diseases</i> , 2015 , 33, 388-96	3.2	11
22	The SARS Coronavirus receptor ACE 2 A potential target for antiviral therapy 2006 , 397-418		11
21	Interactions between SARS coronavirus and its receptor. <i>Advances in Experimental Medicine and Biology</i> , 2006 , 581, 229-34	3.6	11
20	The p.Ser267Phe variant of sodium taurocholate cotransporting polypeptide (NTCP) supports HBV infection with a low efficiency. <i>Virology</i> , 2018 , 522, 168-176	3.6	9
19	Site-Specific Engineering of Chemical Functionalities on the Surface of Live Hepatitis D Virus. <i>Angewandte Chemie</i> , 2013 , 125, 14220-14224	3.6	9
18	The immune response of rhesus macaques to novel vaccines comprising hepatitis B virus S, PreS1, and Core antigens. <i>Vaccine</i> , 2018 , 36, 3740-3746	4.1	7
17	An Engineered Receptor-Binding Domain Improves the Immunogenicity of Multivalent SARS-CoV-2 Vaccines. <i>MBio</i> , 2021 , 12,	7.8	6
16	Recombinant vaccinia vector-based vaccine (Tiantan) boosting a novel HBV subunit vaccine induced more robust and lasting immunity in rhesus macaques. <i>Vaccine</i> , 2017 , 35, 3347-3353	4.1	5
15	A rapid and quantitative assay for measuring neutralizing antibodies of Coxsackievirus B3. <i>Journal of Virological Methods</i> , 2016 , 232, 1-7	2.6	5

14	Animal models for the study of human hepatitis B and D virus infection: New insights and progress. <i>Antiviral Research</i> , 2020 , 182, 104898	10.8	5
13	Novel Abs targeting the N-terminus of fibroblast growth factor-19 inhibit hepatocellular carcinoma growth without bile-acid-related side-effects. <i>Cancer Science</i> , 2020 , 111, 1750-1760	6.9	4
12	An engineered receptor-binding domain improves the immunogenicity of multivalent SARS-CoV-2 vaccines 2020 ,		4
11	NTCP Deficiency Causes Gallbladder Abnormalities in Mice and Human Beings. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021 , 11, 831-839	7.9	4
10	Role of high-risk variants in the development of impaired glucose metabolism was modified by birth weight in Han Chinese. <i>Diabetes/Metabolism Research and Reviews</i> , 2015 , 31, 790-5	7.5	3
9	Potent and Specific Inhibition of NTCP-Mediated HBV/HDV Infection and Substrate Transporting by a Novel, Oral-Available Cyclosporine A Analogue. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 543-565	8.3	3
8	Transcriptionally inactive hepatitis B virus episome DNA preferentially resides in the vicinity of chromosome 19 in 3D host genome upon infection. <i>Cell Reports</i> , 2021 , 35, 109288	10.6	3
7	Mitochondrial Damage and the Road to Exhaustion. <i>Cell Metabolism</i> , 2020 , 32, 905-907	24.6	2
6	Design of Dimeric Bile Acid Derivatives as Potent and Selective Human NTCP Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 5973-6007	8.3	2
5	Animal Models for Hepatitis B: Does the Supply Meet the Demand?. <i>Gastroenterology</i> , 2021 , 160, 1437-1442	14.3	1
4	DEXD/H-box helicase 9 intrinsically controls CD8 T cell-mediated antiviral response through noncanonical mechanisms.. <i>Science Advances</i> , 2022 , 8, eabk2691	14.3	1
3	Entry of hepatitis B virus: going beyond NTCP to the nucleus. <i>Current Opinion in Virology</i> , 2021 , 50, 97-102	7.5	0
2	Phenotypic and functional characterizations of CD8 T cell populations in malignant pleural effusion.. <i>Experimental Cell Research</i> , 2022 , 113212	4.2	0
1	Angiotensin-Converting Enzyme 2, the Cellular Receptor for Severe Acute Respiratory Syndrome Coronavirus and Human Coronavirus NL63 2014 , 147-156		