

Wenhui Li

List of Publications by Year in descending order

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82
papers

18,109
citations

50276

46
h-index

58581

82
g-index

87
all docs

87
docs citations

87
times ranked

24400
citing authors

#	ARTICLE	IF	CITATIONS
1	Angiotensin-converting enzyme 2 is a functional receptor for the SARS coronavirus. <i>Nature</i> , 2003, 426, 450-454.	27.8	5,168
2	Structure of SARS Coronavirus Spike Receptor-Binding Domain Complexed with Receptor. <i>Science</i> , 2005, 309, 1864-1868.	12.6	1,790
3	Sodium taurocholate cotransporting polypeptide is a functional receptor for human hepatitis B and D virus. <i>ELife</i> , 2012, 1, e00049.	6.0	1,621
4	Receptor and viral determinants of SARS-coronavirus adaptation to human ACE2. <i>EMBO Journal</i> , 2005, 24, 1634-1643.	7.8	892
5	SARS-CoV-2 spike-protein D614G mutation increases virion spike density and infectivity. <i>Nature Communications</i> , 2020, 11, 6013.	12.8	828
6	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, 3197-3201.	3.4	618
7	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, 2536-2541.	7.1	543
8	Transferrin receptor 1 is a cellular receptor for New World haemorrhagic fever arenaviruses. <i>Nature</i> , 2007, 446, 92-96.	27.8	374
9	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, 773-781.	2.1	366
10	A global scientific strategy to cure hepatitis B. <i>The Lancet Gastroenterology and Hepatology</i> , 2019, 4, 545-558.	8.1	342
11	SARS Coronavirus, but Not Human Coronavirus NL63, Utilizes Cathepsin L to Infect ACE2-expressing Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 3198-3203.	3.4	328
12	TIM-family Proteins Promote Infection of Multiple Enveloped Viruses through Virion-associated Phosphatidylserine. <i>PLoS Pathogens</i> , 2013, 9, e1003232.	4.7	288
13	Animal Origins of the Severe Acute Respiratory Syndrome Coronavirus: Insight from ACE2-S-Protein Interactions. <i>Journal of Virology</i> , 2006, 80, 4211-4219.	3.4	247
14	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, 10628-10635.	3.4	240
15	Human Coronavirus HKU1 Spike Protein Uses <i>N</i> -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, 7202-7213.	3.4	218
16	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, 3273-3284.	3.4	210
17	Tyrosine Sulfation of Human Antibodies Contributes to Recognition of the CCR5 Binding Region of HIV-1 gp120. <i>Cell</i> , 2003, 114, 161-170.	28.9	186
18	Antibody responses against SARS coronavirus are correlated with disease outcome of infected individuals. <i>Journal of Medical Virology</i> , 2006, 78, 1-8.	5.0	180

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19	Molecular Determinants of Hepatitis B and D Virus Entry Restriction in Mouse Sodium Taurocholate Cotransporting Polypeptide. <i>Journal of Virology</i> , 2013, 87, 7977-7991.	3.4	167
20	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, 11429-11433.	3.4	164
21	DNA Polymerase δ Is a Key Cellular Factor for the Formation of Covalently Closed Circular DNA of Hepatitis B Virus. <i>PLoS Pathogens</i> , 2016, 12, e1005893.	4.7	152
22	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, 5900-5906.	3.4	145
23	The S proteins of human coronavirus NL63 and severe acute respiratory syndrome coronavirus bind overlapping regions of ACE2. <i>Virology</i> , 2007, 367, 367-374.	2.4	145
24	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, 1413-1422.	2.5	136
25	Alpha-Interferon Suppresses Hepadnavirus Transcription by Altering Epigenetic Modification of cccDNA Minichromosomes. <i>PLoS Pathogens</i> , 2013, 9, e1003613.	4.7	135
26	Dual-targeting nanoparticle vaccine elicits a therapeutic antibody response against chronic hepatitis B. <i>Nature Nanotechnology</i> , 2020, 15, 406-416.	31.5	134
27	Influenza A Virus Neuraminidase Limits Viral Superinfection. <i>Journal of Virology</i> , 2008, 82, 4834-4843.	3.4	130
28	NTCP and Beyond: Opening the Door to Unveil Hepatitis B Virus Entry. <i>International Journal of Molecular Sciences</i> , 2014, 15, 2892-2905.	4.1	123
29	Conformational States of the Severe Acute Respiratory Syndrome Coronavirus Spike Protein Ectodomain. <i>Journal of Virology</i> , 2006, 80, 6794-6800.	3.4	120
30	Molecular Determinants of Enterovirus 71 Viral Entry. <i>Journal of Biological Chemistry</i> , 2012, 287, 6406-6420.	3.4	118
31	Conserved Receptor-binding Domains of Lake Victoria Marburgvirus and Zaire Ebolavirus Bind a Common Receptor. <i>Journal of Biological Chemistry</i> , 2006, 281, 15951-15958.	3.4	115
32	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, 6085-6092.	0.8	108
33	HBV core protein allosteric modulators differentially alter cccDNA biosynthesis from de novo infection and intracellular amplification pathways. <i>PLoS Pathogens</i> , 2017, 13, e1006658.	4.7	105
34	Hepatitis D Virus Infection of Mice Expressing Human Sodium Taurocholate Co-transporting Polypeptide. <i>PLoS Pathogens</i> , 2015, 11, e1004840.	4.7	99
35	Entry of hepatitis B and hepatitis D virus into hepatocytes: Basic insights and clinical implications. <i>Journal of Hepatology</i> , 2016, 64, S32-S40.	3.7	98
36	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, 237-248.	3.4	93

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37	A potent human neutralizing antibody Fc-dependently reduces established HBV infections. <i>ELife</i> , 2017, 6, .	6.0	81
38	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.	4.0	80
39	Structural Basis for Activation and Inhibition of the Secreted Chlamydia Protease CPAF. <i>Cell Host and Microbe</i> , 2008, 4, 529-542.	11.0	79
40	Enforced PGC-1 β expression promotes CD8 T cell fitness, memory formation and antitumor immunity. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1761-1771.	10.5	73
41	NTCP opens the door for hepatitis B virus infection. <i>Antiviral Research</i> , 2015, 121, 24-30.	4.1	70
42	The Hepatitis B Virus Receptor. <i>Annual Review of Cell and Developmental Biology</i> , 2015, 31, 125-147.	9.4	61
43	Development and effectiveness of pseudotyped SARS-CoV-2 system as determined by neutralizing efficiency and entry inhibition test in vitro. <i>Biosafety and Health</i> , 2020, 2, 226-231.	2.7	60
44	Sodium Taurocholate Cotransporting Polypeptide Mediates Woolly Monkey Hepatitis B Virus Infection of Tupaia Hepatocytes. <i>Journal of Virology</i> , 2013, 87, 7176-7184.	3.4	57
45	Tyrosine-sulfated Peptides Functionally Reconstitute a CCR5 Variant Lacking a Critical Amino-terminal Region. <i>Journal of Biological Chemistry</i> , 2002, 277, 40397-40402.	3.4	54
46	Site-specific Engineering of Chemical Functionalities on the Surface of Live Hepatitis D Virus. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13970-13974.	13.8	52
47	NTCP-Reconstituted In Vitro HBV Infection System. <i>Methods in Molecular Biology</i> , 2017, 1540, 1-14.	0.9	47
48	Severe fever with thrombocytopenia syndrome phlebovirus non-structural protein activates TPL2 signalling pathway for viral immunopathogenesis. <i>Nature Microbiology</i> , 2019, 4, 429-437.	13.3	46
49	Modification of Three Amino Acids in Sodium Taurocholate Cotransporting Polypeptide Renders Mice Susceptible to Infection with Hepatitis D Virus <i>In Vivo</i> . <i>Journal of Virology</i> , 2016, 90, 8866-8874.	3.4	41
50	Silencing Retinoid X Receptor Alpha Expression Enhances Early-Stage Hepatitis B Virus Infection In Cell Cultures. <i>Journal of Virology</i> , 2018, 92, .	3.4	36
51	Sleep Duration and Cardiometabolic Risk Among Chinese School-aged Children: Do Adipokines Play a Mediating Role?. <i>Sleep</i> , 2017, 40, .	1.1	26
52	Lack of antibody-mediated cross-protection between SARS-CoV-2 and SARS-CoV infections. <i>EBioMedicine</i> , 2020, 58, 102890.	6.1	25
53	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.	2.5	25
54	The History and Challenges of Blood Donor Screening in China. <i>Transfusion Medicine Reviews</i> , 2017, 31, 89-93.	2.0	24

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55	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.	6.4	24
56	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.	3.4	22
57	SARS-CoV, But not HCoV-NL63, Utilizes Cathepsins to Infect Cells: Viral Entry. <i>Advances in Experimental Medicine and Biology</i> , 2006, 581, 335-338.	1.6	21
58	Sodium Taurocholate Cotransporting Polypeptide Acts as a Receptor for Hepatitis B and D Virus. <i>Digestive Diseases</i> , 2015, 33, 388-396.	1.9	20
59	Woodchuck sodium taurocholate cotransporting polypeptide supports low-level hepatitis B and D virus entry. <i>Virology</i> , 2017, 505, 1-11.	2.4	20
60	An Engineered Receptor-Binding Domain Improves the Immunogenicity of Multivalent SARS-CoV-2 Vaccines. <i>MBio</i> , 2021, 12, .	4.1	20
61	Insights from the Association of SARS-CoV S-Protein with its Receptor, ACE2. <i>Advances in Experimental Medicine and Biology</i> , 2006, 581, 209-218.	1.6	20
62	miR-375 and miR-30d in the Effect of Chromium-Containing Chinese Medicine Moderating Glucose Metabolism. <i>Journal of Diabetes Research</i> , 2014, 2014, 1-6.	2.3	17
63	Severe Acute Respiratory Syndrome Coronavirus Entry as a Target of Antiviral Therapies. <i>Antiviral Therapy</i> , 2007, 12, 639-650.	1.0	17
64	The p.Ser267Phe variant of sodium taurocholate cotransporting polypeptide (NTCP) supports HBV infection with a low efficiency. <i>Virology</i> , 2018, 522, 168-176.	2.4	16
65	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, 247-254.	2.4	15
66	Mitochondrial Damage and the Road to Exhaustion. <i>Cell Metabolism</i> , 2020, 32, 905-907.	16.2	13
67	Animal models for the study of human hepatitis B and D virus infection: New insights and progress. <i>Antiviral Research</i> , 2020, 182, 104898.	4.1	13
68	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.	6.4	12
69	Interactions Between Sars Coronavirus and its Receptor. <i>Advances in Experimental Medicine and Biology</i> , 2006, 581, 229-234.	1.6	11
70	DExD/H-box helicase 9 intrinsically controls CD8 ⁺ T cell-mediated antiviral response through noncanonical mechanisms. <i>Science Advances</i> , 2022, 8, eabk2691.	10.3	11
71	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.	3.8	8
72	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, 790-795.	4.0	7

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73	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.	3.8	7
74	NTCP Deficiency Causes Gallbladder Abnormalities in Mice and Human Beings. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 831-839.	4.5	7
75	Design of Dimeric Bile Acid Derivatives as Potent and Selective Human NTCP Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 5973-6007.	6.4	7
76	A rapid and quantitative assay for measuring neutralizing antibodies of Coxsackievirus B3. <i>Journal of Virological Methods</i> , 2016, 232, 1-7.	2.1	6
77	Entry of hepatitis B virus: going beyond NTCP to the nucleus. <i>Current Opinion in Virology</i> , 2021, 50, 97-102.	5.4	5
78	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.	3.9	5
79	Animal Models for Hepatitis B: Does the Supply Meet the Demand?. <i>Gastroenterology</i> , 2021, 160, 1437-1442.	1.3	4
80	Phenotypic and functional characterizations of CD8+ T cell populations in malignant pleural effusion. <i>Experimental Cell Research</i> , 2022, 417, 113212.	2.6	4
81	Elevated CD38 expression characterizes impaired CD8+ T cell immune response in metastatic pleural effusions. <i>Immunology Letters</i> , 2022, 245, 61-68.	2.5	2
82	Angiotensin-Converting Enzyme 2, the Cellular Receptor for Severe Acute Respiratory Syndrome Coronavirus and Human Coronavirus NL63. , 0, , 147-156.		1