

# Xinwen Chen

## List of Publications by Year in descending order

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95  
papers

2,478  
citations

186265

28  
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254184

43  
g-index

98  
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98  
docs citations

98  
times ranked

3556  
citing authors

#	ARTICLE	IF	CITATIONS
1	The metabolic responses to hepatitis B virus infection shed new light on pathogenesis and targets for treatment. <i>Scientific Reports</i> , 2015, 5, 8421.	3.3	109
2	Interferon-Inducible Cholesterol-25-Hydroxylase Inhibits Hepatitis C Virus Replication via Distinct Mechanisms. <i>Scientific Reports</i> , 2014, 4, 7242.	3.3	103
3	Comparative analysis of the complete genome sequences of <i>Helicoverpa zea</i> and <i>Helicoverpa armigera</i> single-nucleocapsid nucleopolyhedroviruses. <i>Journal of General Virology</i> , 2002, 83, 673-684.	2.9	95
4	MiR-1 suppresses tumor cell proliferation in colorectal cancer by inhibition of Smad3-mediated tumor glycolysis. <i>Cell Death and Disease</i> , 2017, 8, e2761-e2761.	6.3	94
5	Biological significance of amino acid substitutions in hepatitis B surface antigen (HBsAg) for glycosylation, secretion, antigenicity and immunogenicity of HBsAg and hepatitis B virus replication. <i>Journal of General Virology</i> , 2010, 91, 483-492.	2.9	78
6	Single-cell analysis reveals bronchoalveolar epithelial dysfunction in COVID-19 patients. <i>Protein and Cell</i> , 2020, 11, 680-687.	11.0	75
7	Host metabolism dysregulation and cell tropism identification in human airway and alveolar organoids upon SARS-CoV-2 infection. <i>Protein and Cell</i> , 2021, 12, 717-733.	11.0	75
8	Amino Acid Substitutions at Positions 122 and 145 of Hepatitis B Virus Surface Antigen (HBsAg) Determine the Antigenicity and Immunogenicity of HBsAg and Influence <i>In Vivo</i> HBsAg Clearance. <i>Journal of Virology</i> , 2012, 86, 4658-4669.	3.4	74
9	Dengue NS2A Protein Orchestrates Virus Assembly. <i>Cell Host and Microbe</i> , 2019, 26, 606-622.e8.	11.0	68
10	Persistent hepatitis C virus infections and hepatopathological manifestations in immune-competent humanized mice. <i>Cell Research</i> , 2014, 24, 1050-1066.	12.0	59
11	Coexistence of Hepatitis B Virus Quasispecies Enhances Viral Replication and the Ability To Induce Host Antibody and Cellular Immune Responses. <i>Journal of Virology</i> , 2014, 88, 8656-8666.	3.4	56
12	COVID-19 induces new-onset insulin resistance and lipid metabolic dysregulation via regulation of secreted metabolic factors. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 427.	17.1	55
13	Zika Virus NS2A-Mediated Virion Assembly. <i>MBio</i> , 2019, 10, .	4.1	51
14	An Alternative Splicing Isoform of MITA Antagonizes MITA-Mediated Induction of Type I IFNs. <i>Journal of Immunology</i> , 2014, 192, 1162-1170.	0.8	50
15	Glucosamine promotes hepatitis B virus replication through its dual effects in suppressing autophagic degradation and inhibiting MTORC1 signaling. <i>Autophagy</i> , 2020, 16, 548-561.	9.1	49
16	Cytosolic Phospholipase A2 Gamma Is Involved in Hepatitis C Virus Replication and Assembly. <i>Journal of Virology</i> , 2012, 86, 13025-13037.	3.4	48
17	Hepatitis B virus is degraded by autophagosome-lysosome fusion mediated by Rab7 and related components. <i>Protein and Cell</i> , 2019, 10, 60-66.	11.0	47
18	The amino acid substitutions rtP177G and rtF249A in the reverse transcriptase domain of hepatitis B virus polymerase reduce the susceptibility to tenofovir. <i>Antiviral Research</i> , 2013, 97, 93-100.	4.1	44

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19	The Metabolic Regulator Histone Deacetylase 9 Contributes to Glucose Homeostasis Abnormality Induced by Hepatitis C Virus Infection. <i>Diabetes</i> , 2015, 64, 4088-4098.	0.6	40
20	Construction and Rescue of a Functional Synthetic Baculovirus. <i>ACS Synthetic Biology</i> , 2017, 6, 1393-1402.	3.8	40
21	Hepatitis C Virus Induced a Novel Apoptosis-Like Death of Pancreatic Beta Cells through a Caspase 3-Dependent Pathway. <i>PLoS ONE</i> , 2012, 7, e38522.	2.5	38
22	The hepatitis C virus protein NS3 suppresses TNF- $\alpha$ -stimulated activation of NF- $\kappa$ B by targeting LUBAC. <i>Science Signaling</i> , 2015, 8, ra118.	3.6	37
23	In-cell infection: a novel pathway for Epstein-Barr virus infection mediated by cell-in-cell structures. <i>Cell Research</i> , 2015, 25, 785-800.	12.0	36
24	Analysis of the ecdysteroid UDP-glucosyltransferase gene of <i>Heliothis armigera</i> single-nucleocapsid baculovirus. <i>Virus Genes</i> , 1997, 15, 219-225.	1.6	35
25	Host HDAC4 regulates the antiviral response by inhibiting the phosphorylation of IRF3. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 158-169.	3.3	33
26	Open reading frame 132 of <i>Helicoverpa armigera</i> nucleopolyhedrovirus encodes a functional per os infectivity factor (PIF-2). <i>Journal of General Virology</i> , 2006, 87, 2563-2569.	2.9	32
27	Interferon-Induced Proteins with Tetratricopeptide Repeats 1 and 2 Are Cellular Factors That Limit Hepatitis B Virus Replication. <i>Journal of Innate Immunity</i> , 2014, 6, 182-191.	3.8	32
28	Genetic and biochemical characterizations of Zika virus NS2A protein. <i>Emerging Microbes and Infections</i> , 2019, 8, 585-602.	6.5	32
29	Open reading frame 94 of <i>Helicoverpa armigera</i> single nucleocapsid nucleopolyhedrovirus encodes a novel conserved occlusion-derived virion protein, ODV-EC43. <i>Journal of General Virology</i> , 2003, 84, 3021-3027.	2.9	31
30	HDAC11 restricts HBV replication through epigenetic repression of cccDNA transcription. <i>Antiviral Research</i> , 2019, 172, 104619.	4.1	30
31	CD24-Associated Protein Contributes to Hepatitis C, Virus Propagation and Steatosis by Disrupting Insulin Signaling. <i>Hepatology</i> , 2018, 68, 1710-1725.	7.3	29
32	Hepatitis C virus infection induces the expression of amphiregulin, a factor related to the activation of cellular survival pathways and required for efficient viral assembly. <i>Journal of General Virology</i> , 2011, 92, 2237-2248.	2.9	27
33	RBM24 stabilizes hepatitis B virus pregenomic RNA but inhibits core protein translation by targeting the terminal redundancy sequence. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-14.	6.5	27
34	Synaptosomal-associated protein 29 is required for the autophagic degradation of hepatitis B virus. <i>FASEB Journal</i> , 2019, 33, 6023-6034.	0.5	27
35	Productive HBV infection of well-differentiated, hNTCP-expressing human hepatoma-derived (Huh7) cells. <i>Virologica Sinica</i> , 2017, 32, 465-475.	3.0	26
36	Phosphatidylserine-Specific Phospholipase A1 Involved in Hepatitis C Virus Assembly through NS2 Complex Formation. <i>Journal of Virology</i> , 2015, 89, 2367-2377.	3.4	25

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37	Histone Deacetylase 3 Inhibitor Suppresses Hepatitis C Virus Replication by Regulating Apo-A1 and LEAP-1 Expression. <i>Virologica Sinica</i> , 2018, 33, 418-428.	3.0	25
38	Regulation of Hepatitis C virus replication and gene expression by the MAPK-ERK pathway. <i>Virologica Sinica</i> , 2012, 27, 278-285.	3.0	24
39	Fluorescent Protein Nanowire-Mediated Protein Microarrays for Multiplexed and Highly Sensitive Pathogen Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 17472-17477.	8.0	24
40	Role of HDAC9-FoxO1 Axis in the Transcriptional Program Associated with Hepatic Gluconeogenesis. <i>Scientific Reports</i> , 2017, 7, 6102.	3.3	23
41	Upregulation of HBV transcription by sodium taurocholate cotransporting polypeptide at the postentry step is inhibited by the entry inhibitor Myrcludex B. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-14.	6.5	22
42	Novel function of SART1 in HNF4 $\alpha$ transcriptional regulation contributes to its antiviral role during HBV infection. <i>Journal of Hepatology</i> , 2021, 75, 1072-1082.	3.7	22
43	The GP64 protein of <i>Autographa californica</i> multiple nucleopolyhedrovirus rescues <i>Helicoverpa armigera</i> nucleopolyhedrovirus transduction in mammalian cells. <i>Journal of General Virology</i> , 2005, 86, 1629-1635.	2.9	21
44	RNA binding protein 24 regulates the translation and replication of hepatitis C virus. <i>Protein and Cell</i> , 2018, 9, 930-944.	11.0	21
45	An Alternative Splicing of <i>Tupaia</i> STING Modulated Anti-RNA Virus Responses by Targeting MDA5-LGP2 and IRF3. <i>Journal of Immunology</i> , 2020, 204, 3191-3204.	0.8	20
46	Rapid generation of ACE2 humanized inbred mouse model for COVID-19 with tetraploid complementation. <i>National Science Review</i> , 2021, 8, nwaa285.	9.5	19
47	Inhibition of the HCV Core Protein on the Immune Response to HBV Surface Antigen and on HBV Gene Expression and Replication In Vivo. <i>PLoS ONE</i> , 2012, 7, e45146.	2.5	19
48	Live imaging of baculovirus infection of midgut epithelium cells: a functional assay of per os infectivity factors. <i>Journal of General Virology</i> , 2014, 95, 2531-2539.	2.9	18
49	Ac102 Participates in Nuclear Actin Polymerization by Modulating BV/ODV-C42 Ubiquitination during <i>Autographa californica</i> Multiple Nucleopolyhedrovirus Infection. <i>Journal of Virology</i> , 2018, 92, .	3.4	18
50	Tick-borne encephalitis virus NS4A ubiquitination antagonizes type I interferon-stimulated STAT1/2 signalling pathway. <i>Emerging Microbes and Infections</i> , 2020, 9, 714-726.	6.5	18
51	RNA-Binding Motif Protein 24 (RBM24) Is Involved in Pregenomic RNA Packaging by Mediating Interaction between Hepatitis B Virus Polymerase and the Epsilon Element. <i>Journal of Virology</i> , 2019, 93, .	3.4	17
52	<i>Autographa californica</i> Multiple Nucleopolyhedrovirus Ac34 Protein Retains Cellular Actin-Related Protein 2/3 Complex in the Nucleus by Subversion of CRM1-Dependent Nuclear Export. <i>PLoS Pathogens</i> , 2016, 12, e1005994.	4.7	17
53	PLA1A Participates in the Antiviral Innate Immune Response by Facilitating the Recruitment of TANK-Binding Kinase 1 to Mitochondria. <i>Journal of Innate Immunity</i> , 2018, 10, 315-327.	3.8	16
54	MITA/STING and Its Alternative Splicing Isoform MRP Restrict Hepatitis B Virus Replication. <i>PLoS ONE</i> , 2017, 12, e0169701.	2.5	16

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55	Open reading frame 122 of Helicoverpa armigera single nucleocapsid nucleopolyhedrovirus encodes a novel structural protein of occlusion-derived virions. <i>Journal of General Virology</i> , 2003, 84, 115-121.	2.9	15
56	Requirement of cytosolic phospholipase A2 gamma in lipid droplet formation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 692-705.	2.4	15
57	Histone deacetylase 4 inhibits NF- $\kappa$ B activation by facilitating I $\kappa$ B $\alpha$ sumoylation. <i>Journal of Molecular Cell Biology</i> , 2021, 12, 933-945.	3.3	15
58	Ceruloplasmin inhibits the production of extracellular hepatitis B virions by targeting its middle surface protein. <i>Journal of General Virology</i> , 2017, 98, 1410-1421.	2.9	15
59	Protein Inhibitor of Activated STAT2 Restricts HCV Replication by Modulating Viral Proteins Degradation. <i>Viruses</i> , 2017, 9, 285.	3.3	14
60	Human immunodeficiency virus type 1 Vpr increases hepatitis C virus RNA replication in cell culture. <i>Virus Research</i> , 2014, 184, 93-102.	2.2	13
61	HBsAg sT123N mutation induces stronger antibody responses to HBsAg and HBcAg and accelerates in vivo HBsAg clearance. <i>Virus Research</i> , 2015, 210, 119-125.	2.2	13
62	Quinolate Phosphoribosyltransferase is an Antiviral Host Factor Against Hepatitis C Virus Infection. <i>Scientific Reports</i> , 2017, 7, 5876.	3.3	13
63	The metabolic regulator small heterodimer partner contributes to the glucose and lipid homeostasis abnormalities induced by hepatitis C virus infection. <i>Metabolism: Clinical and Experimental</i> , 2019, 100, 153954.	3.4	13
64	Nucleotide sequence and transcriptional analysis of a putative basic DNA-binding protein of Helicoverpa armigera nucleopolyhedrovirus. <i>Virus Genes</i> , 2001, 22, 113-120.	1.6	12
65	Identification of serotonin 2A receptor as a novel HCV entry factor by a chemical biology strategy. <i>Protein and Cell</i> , 2019, 10, 178-195.	11.0	11
66	Contribution of Temperature Increase to Restrain the Transmission of COVID-19. <i>Innovation(China)</i> , 2021, 2, 100071.	9.1	11
67	Amino acid substitutions Q129N and T131N/M133T in hepatitis B surface antigen (HBsAg) interfere with the immunogenicity of the corresponding HBsAg or viral replication ability. <i>Virus Research</i> , 2018, 257, 33-39.	2.2	10
68	Identification of a Novel Regulatory Sequence of Actin Nucleation Promoting Factor Encoded by Autographa californica Multiple Nucleopolyhedrovirus. <i>Journal of Biological Chemistry</i> , 2015, 290, 9533-9541.	3.4	9
69	Cocktail polysaccharides isolated from Ecklonia kurome against the SARS-CoV-2 infection. <i>Carbohydrate Polymers</i> , 2022, 275, 118779.	10.2	9
70	The role of viral protein Ac34 in nuclear relocation of subunits of the actin-related protein 2/3 complex. <i>Virologica Sinica</i> , 2016, 31, 480-489.	3.0	8
71	Major capsid protein of Autographa californica multiple nucleopolyhedrovirus contributes to the promoter activity of the very late viral genes. <i>Virus Research</i> , 2019, 273, 197758.	2.2	8
72	Histone deacetylase 5 deacetylates the phosphatase PP2A for positively regulating NF- $\kappa$ B signaling. <i>Journal of Biological Chemistry</i> , 2021, 297, 101380.	3.4	8

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73	Polymerase mutations rtN238R, rtT240Y and rtN248H of hepatitis B virus decrease susceptibility to adefovir. <i>Science Bulletin</i> , 2013, 58, 1760-1766.	1.7	7
74	Host factor heat-shock protein 90 contributes to baculovirus budded virus morphogenesis via facilitating nuclear actin polymerization. <i>Virology</i> , 2019, 535, 200-209.	2.4	7
75	Phosphatidylserine-Specific Phospholipase A1 is the Critical Bridge for Hepatitis C Virus Assembly. <i>Virologica Sinica</i> , 2019, 34, 521-537.	3.0	7
76	T-Cell Immunoglobulin and Mucin Domain 1 (TIM-1) Is a Functional Entry Factor for Tick-Borne Encephalitis Virus. <i>MBio</i> , 2022, 13, e0286021.	4.1	7
77	Construction of a chimeric hepatitis C virus replicon based on a strain isolated from a chronic hepatitis C patient. <i>Virologica Sinica</i> , 2014, 29, 61-70.	3.0	6
78	Nuclear receptor 4 group A member 1 determines hepatitis C virus entry efficiency through the regulation of cellular receptor and apolipoprotein E expression. <i>Journal of General Virology</i> , 2014, 95, 1510-1521.	2.9	6
79	RNA-Binding motif protein 38 (RBM38) mediates HBV pgRNA packaging into the nucleocapsid. <i>Antiviral Research</i> , 2022, 198, 105249.	4.1	6
80	Different responses of two highly permissive cell lines upon HCV infection. <i>Virologica Sinica</i> , 2013, 28, 202-208.	3.0	5
81	Hepatitis C virus-induced prion protein expression facilitates hepatitis C virus replication. <i>Virologica Sinica</i> , 2017, 32, 503-510.	3.0	5
82	Identification of Interferon Receptor IFNAR2 As a Novel HCV Entry Factor by Using Chemical Probes. <i>ACS Chemical Biology</i> , 2020, 15, 1232-1241.	3.4	5
83	ADAM15 Participates in Tick-Borne Encephalitis Virus Replication. <i>Journal of Virology</i> , 2021, 95, .	3.4	5
84	Host Innate Immunity Against Hepatitis Viruses and Viral Immune Evasion. <i>Frontiers in Microbiology</i> , 2021, 12, 740464.	3.5	5
85	Transforming primary human hepatocytes into hepatocellular carcinoma with genetically defined factors. <i>EMBO Reports</i> , 2022, , e54275.	4.5	5
86	Human induced-T-to-natural killer cells have potent anti-tumour activities. <i>Biomarker Research</i> , 2022, 10, 13.	6.8	4
87	Persistence of the Recombinant Genomes of Woodchuck Hepatitis Virus in the Mouse Model. <i>PLoS ONE</i> , 2015, 10, e0125658.	2.5	3
88	Complementation of Wild-Type and Drug-Resistant Hepatitis B Virus Genomes to Maintain Viral Replication and Rescue Virion Production under Nucleos(t)ide Analogs. <i>Virologica Sinica</i> , 2019, 34, 377-385.	3.0	3
89	Efficient assembly of a large fragment of monkeypox virus genome as a qPCR template using dual-selection based transformation-associated recombination. <i>Virologica Sinica</i> , 2022, 37, 341-347.	3.0	3
90	DNA Repair Factor Poly(ADP-Ribose) Polymerase 1 Is a Proviral Factor in Hepatitis B Virus Covalently Closed Circular DNA Formation. <i>Journal of Virology</i> , 2022, 96, .	3.4	3

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91	Repurposing of Antazoline Hydrochloride as an Inhibitor of Hepatitis B Virus DNA Secretion. <i>Virologica Sinica</i> , 2021, 36, 501-509.	3.0	2
92	Enhanced host immune responses in presence of HCV facilitate HBV clearance in coinfection. <i>Virologica Sinica</i> , 2022, 37, 408-417.	3.0	2
93	Group I but not Group II NPV induces antiviral effects in mammalian cells. <i>Science in China Series C: Life Sciences</i> , 2006, 49, 467-472.	1.3	1
94	Comparison of viral propagation and drug response among SARS-CoV-2 VOCs using replicons capable of recapitulating virion assembly and release. <i>Virologica Sinica</i> , 2022, 37, 695-703.	3.0	1
95	Cloning the interferon regulatory factor 1 gene in lungfish ( <i>Protopterus annectens</i> ) and its molecular evolution among sarcopterygians. <i>Science Bulletin</i> , 2011, 56, 1782-1786.	1.7	0