

Jin Zhong

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106
papers

5,074
citations

30
h-index

70
g-index

111
ext. papers

5,757
ext. citations

8.2
avg, IF

5.29
L-index

#	Paper	IF	Citations
106	Robust hepatitis C virus infection in vitro. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 9294-9	11.5	1481
105	Cellular determinants of hepatitis C virus assembly, maturation, degradation, and secretion. <i>Journal of Virology</i> , 2008 , 82, 2120-9	6.6	363
104	Persistent hepatitis C virus infection in vitro: coevolution of virus and host. <i>Journal of Virology</i> , 2006 , 80, 11082-93	6.6	218
103	Group II introns as controllable gene targeting vectors for genetic manipulation of bacteria. <i>Nature Biotechnology</i> , 2001 , 19, 1162-7	44.5	176
102	Identification of a residue in hepatitis C virus E2 glycoprotein that determines scavenger receptor BI and CD81 receptor dependency and sensitivity to neutralizing antibodies. <i>Journal of Virology</i> , 2008 , 82, 12020-9	6.6	137
101	Double-stranded DNA and double-stranded RNA induce a common antiviral signaling pathway in human cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 9035-40	11.5	125
100	Hepatitis C virus NS4B blocks the interaction of STING and TBK1 to evade host innate immunity. <i>Journal of Hepatology</i> , 2013 , 59, 52-8	13.4	119
99	Targeted and random bacterial gene disruption using a group II intron (targetron) vector containing a retrotransposition-activated selectable marker. <i>Nucleic Acids Research</i> , 2003 , 31, 1656-64	20.1	113
98	Inhibition of dsRNA-induced signaling in hepatitis C virus-infected cells by NS3 protease-dependent and -independent mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 8499-504	11.5	111
97	Total synthesis and antiviral activity of indolosesquiterpenoids from the xiamycin and oridamycin families. <i>Nature Communications</i> , 2015 , 6, 6096	17.4	95
96	Activation of sterol regulatory element-binding protein 1c and fatty acid synthase transcription by hepatitis C virus non-structural protein 2. <i>Journal of General Virology</i> , 2008 , 89, 1225-1230	4.9	90
95	Use of targetrons to disrupt essential and nonessential genes in <i>Staphylococcus aureus</i> reveals temperature sensitivity of LL.LtrB group II intron splicing. <i>Rna</i> , 2006 , 12, 1271-81	5.8	81
94	Human NLRP3 inflammasome senses multiple types of bacterial RNAs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 16059-64	11.5	77
93	IL28B genetic variation is associated with spontaneous clearance of hepatitis C virus, treatment response, serum IL-28B levels in Chinese population. <i>PLoS ONE</i> , 2012 , 7, e37054	3.7	75
92	Interferon-inducible cholesterol-25-hydroxylase inhibits hepatitis C virus replication via distinct mechanisms. <i>Scientific Reports</i> , 2014 , 4, 7242	4.9	72
91	MDA5 plays a critical role in interferon response during hepatitis C virus infection. <i>Journal of Hepatology</i> , 2015 , 62, 771-8	13.4	70
90	Group II intron mobility using nascent strands at DNA replication forks to prime reverse transcription. <i>EMBO Journal</i> , 2003 , 22, 4555-65	13	70

89	Recruitment of host functions suggests a repair pathway for late steps in group II intron retrohoming. <i>Genes and Development</i> , 2005 , 19, 2477-87	12.6	62
88	Identification of Cholesterol 25-Hydroxylase as a Novel Host Restriction Factor and a Part of the Primary Innate Immune Responses against Hepatitis C Virus Infection. <i>Journal of Virology</i> , 2015 , 89, 6805-16	6.6	61
87	Interferon alpha (IFN α) induced TRIM22 interrupts HCV replication by ubiquitinating NS5A. <i>Cellular and Molecular Immunology</i> , 2016 , 13, 94-102	15.4	61
86	HCV genomic RNA activates the NLRP3 inflammasome in human myeloid cells. <i>PLoS ONE</i> , 2014 , 9, e84953	3.7	60
85	Sphingomyelin activates hepatitis C virus RNA polymerase in a genotype-specific manner. <i>Journal of Virology</i> , 2010 , 84, 11761-70	6.6	57
84	Association of serum level of growth differentiation factor 15 with liver cirrhosis and hepatocellular carcinoma. <i>PLoS ONE</i> , 2015 , 10, e0127518	3.7	55
83	Altered Glycosylation Patterns Increase Immunogenicity of a Subunit Hepatitis C Virus Vaccine, Inducing Neutralizing Antibodies Which Confer Protection in Mice. <i>Journal of Virology</i> , 2016 , 90, 10486-10498	6.6	48
82	A single point mutation in E2 enhances hepatitis C virus infectivity and alters lipoprotein association of viral particles. <i>Virology</i> , 2009 , 395, 67-76	3.6	48
81	Ficolin-2 inhibits hepatitis C virus infection, whereas apolipoprotein E3 mediates viral immune escape. <i>Journal of Immunology</i> , 2014 , 193, 783-96	5.3	45
80	Mycoplasma hyorhinis activates the NLRP3 inflammasome and promotes migration and invasion of gastric cancer cells. <i>PLoS ONE</i> , 2013 , 8, e77955	3.7	42
79	Negative regulation of virus-triggered IFN-beta signaling pathway by alternative splicing of TBK1. <i>Journal of Biological Chemistry</i> , 2008 , 283, 35590-7	5.4	37
78	A novel cell culture system modeling the SARS-CoV-2 life cycle. <i>PLoS Pathogens</i> , 2021 , 17, e1009439	7.6	33
77	Hepatitis C virus NS3/4A protease blocks IL-28 production. <i>European Journal of Immunology</i> , 2012 , 42, 2374-82	6.1	32
76	Neglected but Important Role of Apolipoprotein E Exchange in Hepatitis C Virus Infection. <i>Journal of Virology</i> , 2016 , 90, 9632-9643	6.6	30
75	The hepatitis C virus protein NS3 suppresses TNF α -stimulated activation of NF- κ B by targeting LUBAC. <i>Science Signaling</i> , 2015 , 8, ra118	8.8	30
74	Casein kinase II controls TBK1/IRF3 activation in IFN response against viral infection. <i>Journal of Immunology</i> , 2015 , 194, 4477-88	5.3	28
73	Inhibition of hepatitis C virus infection by polyoxometalates. <i>Antiviral Research</i> , 2013 , 100, 392-8	10.8	28
72	Pediatric Drug Nitazoxanide: A Potential Choice for Control of Zika. <i>Open Forum Infectious Diseases</i> , 2017 , 4, ofx009	1	28

71	Negative regulation of interferon-induced transmembrane protein 3 by SET7-mediated lysine monomethylation. <i>Journal of Biological Chemistry</i> , 2013 , 288, 35093-103	5.4	25
70	Innate immunity against hepatitis C virus. <i>Current Opinion in Immunology</i> , 2016 , 42, 98-104	7.8	25
69	A Nanoparticle-Based Hepatitis C Virus Vaccine With Enhanced Potency. <i>Journal of Infectious Diseases</i> , 2020 , 221, 1304-1314	7	24
68	Gene targeting using randomly inserted group II introns (targetrons) recovered from an Escherichia coli gene disruption library. <i>Nucleic Acids Research</i> , 2005 , 33, 3351-62	20.1	24
67	A novel strategy to develop a robust infectious hepatitis C virus cell culture system directly from a clinical isolate. <i>Journal of Virology</i> , 2014 , 88, 1484-91	6.6	23
66	Replication Inhibition of Hepatitis B Virus and Hepatitis C Virus in Co-Infected Patients in Chinese Population. <i>PLoS ONE</i> , 2015 , 10, e0139015	3.7	23
65	Hepatitis C virus vaccine development: old challenges and new opportunities. <i>National Science Review</i> , 2015 , 2, 285-295	10.8	22
64	Antiviral effects of ferric ammonium citrate. <i>Cell Discovery</i> , 2018 , 4, 14	22.3	22
63	Role of Hepatitis C Virus Envelope Glycoprotein E1 in Virus Entry and Assembly. <i>Frontiers in Immunology</i> , 2018 , 9, 1411	8.4	22
62	Hepatitis C virus NS4B induces the degradation of TRIF to inhibit TLR3-mediated interferon signaling pathway. <i>PLoS Pathogens</i> , 2018 , 14, e1007075	7.6	22
61	Laboratory of genetics and physiology 2 (LGP2) plays an essential role in hepatitis C virus infection-induced interferon responses. <i>Hepatology</i> , 2017 , 65, 1478-1491	11.2	21
60	ZIKV infection induces robust Th1-like Tfh cell and long-term protective antibody responses in immunocompetent mice. <i>Nature Communications</i> , 2019 , 10, 3859	17.4	20
59	Multifaceted Functions of Host Cell Caveolae/Caveolin-1 in Virus Infections. <i>Viruses</i> , 2020 , 12,	6.2	20
58	Insect cell-produced recombinant protein subunit vaccines protect against Zika virus infection. <i>Antiviral Research</i> , 2018 , 154, 97-103	10.8	20
57	A trivalent HCV vaccine elicits broad and synergistic polyclonal antibody response in mice and rhesus monkey. <i>Gut</i> , 2019 , 68, 140-149	19.2	20
56	Functional Analysis of Hepatitis C Virus (HCV) Envelope Protein E1 Using a -Complementation System Reveals a Dual Role of a Putative Fusion Peptide of E1 in both HCV Entry and Morphogenesis. <i>Journal of Virology</i> , 2017 , 91,	6.6	18
55	MLL5 suppresses antiviral innate immune response by facilitating STUB1-mediated RIG-I degradation. <i>Nature Communications</i> , 2018 , 9, 1243	17.4	18
54	Immunization With a Subunit Hepatitis C Virus Vaccine Elicits Pan-Genotypic Neutralizing Antibodies and Intrahepatic T-Cell Responses in Nonhuman Primates. <i>Journal of Infectious Diseases</i> , 2017 , 215, 1824-1831	7	17

53	DDB1 is a cellular substrate of NS3/4A protease and required for hepatitis C virus replication. <i>Virology</i> , 2013 , 435, 385-94	3.6	17
52	Production of hepatitis C virus lacking the envelope-encoding genes for single-cycle infection by providing homologous envelope proteins or vesicular stomatitis virus glycoproteins in trans. <i>Journal of Virology</i> , 2011 , 85, 2138-47	6.6	17
51	Small Molecule Inhibitor of ATPase Activity of HSP70 as a Broad-Spectrum Inhibitor against Flavivirus Infections. <i>ACS Infectious Diseases</i> , 2020 , 6, 832-843	5.5	16
50	Construction and characterization of infectious hepatitis C virus chimera containing structural proteins directly from genotype 1b clinical isolates. <i>Virology</i> , 2013 , 443, 80-8	3.6	16
49	IFN- λ desensitizes the response to IFN- α treatment in chronic hepatitis C through long-term induction of USP18. <i>Journal of General Virology</i> , 2016 , 97, 2210-2220	4.9	16
48	Comparative analysis reveals the species-specific genetic determinants of ACE2 required for SARS-CoV-2 entry. <i>PLoS Pathogens</i> , 2021 , 17, e1009392	7.6	16
47	Photo-catalyzed TiO inactivates pathogenic viruses by attacking viral genome. <i>Chemical Engineering Journal</i> , 2021 , 414, 128788	14.7	16
46	Functional expression and characterization of the envelope glycoprotein E1E2 heterodimer of hepatitis C virus. <i>PLoS Pathogens</i> , 2019 , 15, e1007759	7.6	15
45	Ebola virus VP35 has novel NTPase and helicase-like activities. <i>Nucleic Acids Research</i> , 2019 , 47, 5837-5851	11.1	15
44	Negligible contribution of M2634V substitution to ZIKV pathogenesis in AG6 mice revealed by a bacterial promoter activity reduced infectious clone. <i>Scientific Reports</i> , 2018 , 8, 10491	4.9	15
43	An integrated transcriptomic and meta-analysis of hepatoma cells reveals factors that influence susceptibility to HCV infection. <i>PLoS ONE</i> , 2011 , 6, e25584	3.7	15
42	Comprehensive mapping of antigen specific T cell responses in hepatitis C virus infected patients with or without spontaneous viral clearance. <i>PLoS ONE</i> , 2017 , 12, e0171217	3.7	14
41	The N-terminal helix (D) of hepatitis C virus NS3 protein dictates the subcellular localization and stability of NS3/NS4A complex. <i>Virology</i> , 2012 , 422, 214-23	3.6	13
40	Factors associated with spontaneous clearance of hepatitis C virus in Chinese population. <i>BioMed Research International</i> , 2014 , 2014, 527030	3	12
39	Mutations in the Lactococcus lactis Ll.LtrB group II intron that retain mobility in vivo. <i>BMC Molecular Biology</i> , 2002 , 3, 17	4.5	12
38	A Point Mutation in the N-Terminal Amphipathic Helix in NS3 Promotes Hepatitis C Virus Assembly by Altering Core Localization to the Endoplasmic Reticulum and Facilitating Virus Budding. <i>Journal of Virology</i> , 2017 , 91,	6.6	11
37	An Alternative Splicing of STING Modulated Anti-RNA Virus Responses by Targeting MDA5-LGP2 and IRF3. <i>Journal of Immunology</i> , 2020 , 204, 3191-3204	5.3	11
36	Novel Stable Ebola Virus Minigenome Replicon Reveals Remarkable Stability of the Viral Genome. <i>Journal of Virology</i> , 2017 , 91,	6.6	11

35	Tuberous Sclerosis Complex Protein 2-Independent Activation of mTORC1 by Human Cytomegalovirus pUL38. <i>Journal of Virology</i> , 2015 , 89, 7625-35	6.6	10
34	Use of parenteral caffeine natrio-benzoicum: an underestimated risk factor for HCV transmission in China. <i>BMC Public Health</i> , 2015 , 15, 928	4.1	9
33	Anti-flavivirus activity of polyoxometalate. <i>Antiviral Research</i> , 2020 , 179, 104813	10.8	8
32	IL28B is associated with outcomes of chronic HBV infection. <i>Yonsei Medical Journal</i> , 2015 , 56, 625-33	3	8
31	Viral sequence evolution in Chinese genotype 1b chronic hepatitis C patients experiencing unsuccessful interferon treatment. <i>Infection, Genetics and Evolution</i> , 2011 , 11, 382-90	4.5	8
30	Identification of a Potent and Broad-Spectrum Hepatitis C Virus Fusion Inhibitory Peptide from the E2 Stem Domain. <i>Scientific Reports</i> , 2016 , 6, 25224	4.9	8
29	Antiviral effects of simeprevir on multiple viruses. <i>Antiviral Research</i> , 2019 , 172, 104607	10.8	7
28	Genetic Analysis of Serum-Derived Defective Hepatitis C Virus Genomes Revealed Novel Viral Elements for Virus Replication and Assembly. <i>Journal of Virology</i> , 2018 , 92,	6.6	7
27	IFNL4 ss469415590 polymorphism contributes to treatment decisions in patients with chronic hepatitis C virus genotype 1b, but not 2a, infection. <i>Infection, Genetics and Evolution</i> , 2016 , 39, 132-140	4.5	7
26	Long-term effect on natural killer cells by interferon- γ therapy on the outcomes of HCV infection. <i>Journal of Interferon and Cytokine Research</i> , 2014 , 34, 366-75	3.5	7
25	Functional selection of hepatitis C virus envelope E2-binding Peptide ligands by using ribosome display. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 3355-64	5.9	7
24	MAVS Is a Dual Target during Hepatitis C Virus Infection for Innate Immune Evasion and Viral Replication via NF- κ B. <i>Journal of Immunology</i> , 2020 , 205, 2091-2099	5.3	7
23	TRIM26 is a critical host factor for HCV replication and contributes to host tropism. <i>Science Advances</i> , 2021 , 7,	14.3	7
22	Identification of nucleotides in the 5'UTR and amino acids substitutions that are essential for the infectivity of 5'UTR-NS5A recombinant of hepatitis C virus genotype 1b (strain Con1). <i>Virology</i> , 2018 , 518, 253-263	3.6	6
21	Celastrol specifically inhibits the activation of NLRP3 inflammasome. <i>Science China Life Sciences</i> , 2018 , 61, 355-357	8.5	6
20	Mutation Y453F in the spike protein of SARS-CoV-2 enhances interaction with the mink ACE2 receptor for host adaption. <i>PLoS Pathogens</i> , 2021 , 17, e1010053	7.6	6
19	The pre-existing cellular immunity to Japanese encephalitis virus heterotypically protects mice from Zika virus infection. <i>Science Bulletin</i> , 2020 , 65, 402-409	10.6	5
18	CD24 Ala57Val polymorphism is associated with spontaneous viral clearance in the HCV-infected Chinese population. <i>Liver International</i> , 2015 , 35, 786-94	7.9	4

17	Construction and characterization of Genotype-3 hepatitis C virus replicon revealed critical genotype-3-specific polymorphism for drug resistance and viral fitness. <i>Antiviral Research</i> , 2019 , 171, 104612	10.8	4
16	UNC93B1 curbs cytosolic DNA signaling by promoting STING degradation. <i>European Journal of Immunology</i> , 2021 , 51, 1672-1685	6.1	4
15	Junctional and somatic hypermutation-induced CXC motif is critical for the recognition of a highly conserved epitope on HCV E2 by a human broadly neutralizing antibody. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 675-685	15.4	4
14	A profiling study of a newly developed HCVcc strain PR63cc $\bar{5}$ sensitivity to direct-acting antivirals. <i>Antiviral Research</i> , 2017 , 139, 18-24	10.8	3
13	IL-1 β Enhances the Antiviral Effect of IFN- β on HCV Replication by Negatively Modulating ERK2 Activation. <i>ACS Infectious Diseases</i> , 2020 , 6, 1708-1718	5.5	3
12	Neutralized E3 Ubiquitin Protein Ligase 3 Is an Inducible Antiviral Effector That Inhibits Hepatitis C Virus Assembly by Targeting Viral E1 Glycoprotein. <i>Journal of Virology</i> , 2018 , 92,	6.6	3
11	Characterization of SARS-CoV-2 Variants B.1.617.1 (Kappa), B.1.617.2 (Delta), and B.1.618 by Cell Entry and Immune Evasion.. <i>MBio</i> , 2022 , e0009922	7.8	3
10	A Novel Approach To Display Structural Proteins of Hepatitis C Virus Quasispecies in Patients Reveals a Key Role of E2 HVR1 in Viral Evolution. <i>Journal of Virology</i> , 2020 , 94,	6.6	2
9	Sustained viral response and treatment-induced cytopenia correlate with SLCs and KLF12 genotypes in interferon/ribavirin-treated Chinese chronic hepatitis C patients. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2016 , 31, 1489-97	4	2
8	Inhibitor Development against p7 Channel in Hepatitis C Virus. <i>Molecules</i> , 2021 , 26,	4.8	2
7	Hepatitis C virus genotype 4: A poorly characterized endemic genotype. <i>Journal of Medical Virology</i> , 2021 , 93, 6079-6088	19.7	2
6	Characterization of SARS-CoV-2 variants B.1.617.1 (Kappa), B.1.617.2 (Delta) and B.1.618 on cell entry, host range, and sensitivity to convalescent plasma and ACE2 decoy receptor		2
5	Development of a New Reverse Genetics System for Ebola Virus. <i>MSphere</i> , 2021 , 6,	5	1
4	Glycometabolism regulates hepatitis C virus release. <i>PLoS Pathogens</i> , 2021 , 17, e1009746	7.6	1
3	Novel quinolone derivatives targeting human dihydroorotate dehydrogenase suppress Ebola virus infection in vitro. <i>Antiviral Research</i> , 2021 , 194, 105161	10.8	1
2	Mouse circulating extracellular vesicles contain virus-derived siRNAs active in antiviral immunity.. <i>EMBO Journal</i> , 2022 , e109902	13	1
1	Identification of a novel replication-competent hepatitis C virus variant that confers the sofosbuvir resistance. <i>Antiviral Research</i> , 2021 , 197, 105224	10.8	0