

Haizhen Zhu

List of Publications by Year in descending order

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46
papers

1,934
citations

257450

24
h-index

254184

43
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46
all docs

46
docs citations

46
times ranked

2795
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular aptamers for drug delivery. <i>Trends in Biotechnology</i> , 2011, 29, 634-640.	9.3	190
2	A CRISPR-Cas autocatalysis-driven feedback amplification network for supersensitive DNA diagnostics. <i>Science Advances</i> , 2021, 7, .	10.3	152
3	Hepatitis C Virus Triggers Apoptosis of a Newly Developed Hepatoma Cell Line Through Antiviral Defense System. <i>Gastroenterology</i> , 2007, 133, 1649-1659.	1.3	100
4	Gene expression associated with interferon alfa antiviral activity in an HCV replicon cell line. <i>Hepatology</i> , 2003, 37, 1180-1188.	7.3	96
5	TRIM21 Promotes Innate Immune Response to RNA Viral Infection through Lys27-Linked Polyubiquitination of MAVS. <i>Journal of Virology</i> , 2018, 92, .	3.4	96
6	Complete replication of hepatitis B virus and hepatitis C virus in a newly developed hepatoma cell line. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E1264-73.	7.1	88
7	Lighting up the Native Viral RNA Genome with a Fluorogenic Probe for the Live-Cell Visualization of Virus Infection. <i>Journal of the American Chemical Society</i> , 2019, 141, 5182-5191.	13.7	77
8	Interleukin-1 Inhibits Hepatitis C Virus Subgenomic RNA Replication by Activation of Extracellular Regulated Kinase Pathway. <i>Journal of Virology</i> , 2003, 77, 5493-5498.	3.4	75
9	Exosomal miRNA miR-1231 derived from bone marrow mesenchymal stem cells inhibits the activity of pancreatic cancer. <i>Cancer Medicine</i> , 2019, 8, 7728-7740.	2.8	74
10	NLRX1 Mediates MAVS Degradation To Attenuate the Hepatitis C Virus-Induced Innate Immune Response through PCBP2. <i>Journal of Virology</i> , 2017, 91, .	3.4	62
11	Long Noncoding RNA ITPRIP-1 Positively Regulates the Innate Immune Response through Promotion of Oligomerization and Activation of MDA5. <i>Journal of Virology</i> , 2018, 92, .	3.4	60
12	Predicting the receptor-binding domain usage of the coronavirus based on kmer frequency on spike protein. <i>Infection, Genetics and Evolution</i> , 2018, 61, 183-184.	2.3	55
13	miR-942 decreases TRAIL-induced apoptosis through ISG12a downregulation and is regulated by AKT. <i>Oncotarget</i> , 2014, 5, 4959-4971.	1.8	54
14	STAT3 induces anti-hepatitis C viral activity in liver cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 518-528.	2.1	49
15	ISG12a Restricts Hepatitis C Virus Infection through the Ubiquitination-Dependent Degradation Pathway. <i>Journal of Virology</i> , 2016, 90, 6832-6845.	3.4	47
16	Defective Jak-Stat Activation in Hepatoma Cells Is Associated with Hepatitis C Viral IFN- λ Resistance. <i>Journal of Interferon and Cytokine Research</i> , 2005, 25, 528-539.	1.2	45
17	The innate immune effector ISG12a promotes cancer immunity by suppressing the canonical Wnt/ β -catenin signaling pathway. <i>Cellular and Molecular Immunology</i> , 2020, 17, 1163-1179.	10.5	40
18	Inhibition of Hepatitis C Virus Production by Aptamers against the Core Protein. <i>Journal of Virology</i> , 2014, 88, 1990-1999.	3.4	39

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19	HMGB1 Promotes Hepatitis C Virus Replication by Interaction with Stem-Loop 4 in the Viral 5' Untranslated Region. <i>Journal of Virology</i> , 2016, 90, 2332-2344.	3.4	39
20	Development of Near-Infrared Nucleic Acid Mimics of Fluorescent Proteins for In Vivo Imaging of Viral RNA with Turn-On Fluorescence. <i>Journal of the American Chemical Society</i> , 2021, 143, 19317-19329.	13.7	38
21	Inhibition of Hepatitis C Virus Infection by DNA Aptamer against Envelope Protein. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 4937-4944.	3.2	37
22	Cell membrane proteins with high N-glycosylation, high expression and multiple interaction partners are preferred by mammalian viruses as receptors. <i>Bioinformatics</i> , 2019, 35, 723-728.	4.1	31
23	MiR-942 Mediates Hepatitis C Virus-Induced Apoptosis via Regulation of ISG12a. <i>PLoS ONE</i> , 2014, 9, e94501.	2.5	30
24	Innate Host Response in Primary Human Hepatocytes with Hepatitis C Virus Infection. <i>PLoS ONE</i> , 2011, 6, e27552.	2.5	27
25	Plant-derived RNAi therapeutics: A strategic inhibitor of HBsAg. <i>Biomaterials</i> , 2019, 210, 83-93.	11.4	26
26	Real time monitoring uracil excision using uracil-containing molecular beacons. <i>Analytica Chimica Acta</i> , 2014, 819, 71-77.	5.4	25
27	EPST11 Is Involved in IL-28A-Mediated Inhibition of HCV Infection. <i>Mediators of Inflammation</i> , 2015, 2015, 1-13.	3.0	25
28	IRF1 Promotes the Innate Immune Response to Viral Infection by Enhancing the Activation of IRF3. <i>Journal of Virology</i> , 2020, 94, .	3.4	25
29	ISG12a mediates cell response to Newcastle disease viral infection. <i>Virology</i> , 2014, 462-463, 283-294.	2.4	24
30	Inhibition of Hepatitis C Virus Infection by DNA Aptamer against NS2 Protein. <i>PLoS ONE</i> , 2014, 9, e90333.	2.5	23
31	Anti-hepatitis C virus activity of albinferon alfa in cell culture. <i>Hepatology Research</i> , 2007, 37, 941-947.	3.4	22
32	Inhibition of hepatitis C virus infection by NS5A-specific aptamer. <i>Antiviral Research</i> , 2014, 106, 116-124.	4.1	21
33	NgAgo-gDNA system efficiently suppresses hepatitis B virus replication through accelerating decay of pregenomic RNA. <i>Antiviral Research</i> , 2017, 145, 20-23.	4.1	21
34	Interferon- β and cyclooxygenase-2 inhibitor cooperatively mediates TRAIL-induced apoptosis in hepatocellular carcinoma. <i>Experimental Cell Research</i> , 2015, 333, 316-326.	2.6	14
35	miR-370 regulates ISG15 expression and influences IFN- β sensitivity in hepatocellular carcinoma cells. <i>Cancer Biomarkers</i> , 2018, 22, 453-466.	1.7	14
36	MiR-545 negatively regulates the oncogenic activity of EMS1 in gastric cancer. <i>Cancer Medicine</i> , 2018, 7, 2452-2462.	2.8	14

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37	Hydroxypropyl- β -Cyclodextrin-Complexed Resveratrol Enhanced Antitumor Activity in a Cervical Cancer Model: In Vivo Analysis. <i>Frontiers in Pharmacology</i> , 2021, 12, 573909.	3.5	14
38	2-Octynoic Acid Inhibits Hepatitis C Virus Infection through Activation of AMP-Activated Protein Kinase. <i>PLoS ONE</i> , 2013, 8, e64932.	2.5	12
39	Msi1 confers resistance to TRAIL by activating ERK in liver cancer cells. <i>FEBS Letters</i> , 2015, 589, 897-903.	2.8	11
40	TRIM10 binds to IFN α / β receptor 1 to negatively regulate type I IFN signal transduction. <i>European Journal of Immunology</i> , 2021, 51, 1762-1773.	2.9	10
41	The Role of REC8 in the Innate Immune Response to Viral Infection. <i>Journal of Virology</i> , 2022, 96, jvi0217521.	3.4	8
42	<p>PD-L1 and miR-34a are Prognostic Factors for Primary Gastric Diffuse Large B-Cell Lymphoma Patients Treated with R-CHOP</p>. <i>Cancer Management and Research</i> , 2020, Volume 12, 4999-5008.	1.9	7
43	An atlas of human viruses provides new insights into diversity and tissue tropism of human viruses. <i>Bioinformatics</i> , 2022, 38, 3087-3093.	4.1	6
44	The Role of Long Noncoding RNA BST2-2 in the Innate Immune Response to Viral Infection. <i>Journal of Virology</i> , 2022, 96, e0020722.	3.4	4
45	Heat Shock-Binding Protein 21 Regulates the Innate Immune Response to Viral Infection. <i>Journal of Virology</i> , 2022, 96, e0000122.	3.4	4
46	Sam68 Promotes Hepatitis C Virus Replication by Interaction with Stem-Loop 2 of Viral 5' Untranslated Region. <i>Journal of Virology</i> , 2019, 93, .	3.4	3