Hengli Tang

List of Publications by Year
in descending order

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51 papers	5,942 citations	172457 29 h-index	197818 49 g-index
53 all docs	53 docs citations	53 times ranked	8626 citing authors

#	Article	IF	Citations
1	Brain-Region-Specific Organoids Using Mini-bioreactors for Modeling ZIKV Exposure. Cell, 2016, 165, 1238-1254.	28.9	1,680
2	Zika Virus Infects Human Cortical Neural Progenitors and Attenuates Their Growth. Cell Stem Cell, 2016, 18, 587-590.	11.1	1,125
3	Identification of small-molecule inhibitors of Zika virus infection and induced neural cell death via a drug repurposing screen. Nature Medicine, 2016, 22, 1101-1107.	30.7	581
4	Cyclophilin A Is an Essential Cofactor for Hepatitis C Virus Infection and the Principal Mediator of Cyclosporine Resistance In Vitro. Journal of Virology, 2008, 82, 5269-5278.	3.4	217
5	The Isomerase Active Site of Cyclophilin A Is Critical for Hepatitis C Virus Replication. Journal of Biological Chemistry, 2009, 284, 16998-17005.	3.4	174
6	Zika-Virus-Encoded NS2A Disrupts Mammalian Cortical Neurogenesis by Degrading Adherens Junction Proteins. Cell Stem Cell, 2017, 21, 349-358.e6.	11.1	163
7	Productive Hepatitis C Virus Infection of Stem Cell-Derived Hepatocytes Reveals a Critical Transition to Viral Permissiveness during Differentiation. PLoS Pathogens, 2012, 8, e1002617.	4.7	159
8	Molecular signatures associated with ZIKV exposure in human cortical neural progenitors. Nucleic Acids Research, 2016, 44, 8610-8620.	14.5	155
9	Critical Role of Cyclophilin A and Its Prolyl-Peptidyl Isomerase Activity in the Structure and Function of the Hepatitis C Virus Replication Complex. Journal of Virology, 2009, 83, 6554-6565.	3.4	149
10	Hepatitis C Virus Attachment Mediated by Apolipoprotein E Binding to Cell Surface Heparan Sulfate. Journal of Virology, 2012, 86, 7256-7267.	3.4	141
11	Emetine inhibits Zika and Ebola virus infections through two molecular mechanisms: inhibiting viral replication and decreasing viral entry. Cell Discovery, 2018, 4, 31.	6.7	128
12	Cellular and molecular biology of HCV infection and hepatitis. Clinical Science, 2009, 117, 49-65.	4.3	106
13	Advances in Zika Virus Research: Stem Cell Models, Challenges, and Opportunities. Cell Stem Cell, 2016, 19, 690-702.	11.1	103
14	A Major Determinant of Cyclophilin Dependence and Cyclosporine Susceptibility of Hepatitis C Virus Identified by a Genetic Approach. PLoS Pathogens, 2010, 6, e1001118.	4.7	89
15	Characterization of Hepatitis C Virus Subgenomic Replicon Resistance to Cyclosporine In Vitro. Journal of Virology, 2007, 81, 5829-5840.	3.4	88
16	Zika virus directly infects peripheral neurons and induces cell death. Nature Neuroscience, 2017, 20, 1209-1212.	14.8	85
17	The Carboxyl Terminus of RNA Helicase A Contains a Bidirectional Nuclear Transport Domain. Molecular and Cellular Biology, 1999, 19, 3540-3550.	2.3	60
18	Identification of Cellular Cofactors for Human Immunodeficiency Virus Replication via a Ribozyme-Based Genomics Approach. Journal of Virology, 2004, 78, 12829-12837.	3.4	53

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19	Effect of Cell Growth on Hepatitis C Virus (HCV) Replication and a Mechanism of Cell Confluence-Based Inhibition of HCV RNA and Protein Expression. Journal of Virology, 2006, 80, 1181-1190.	3.4	51
20	Simultaneous Reduction and Digestion of Proteins with Disulfide Bonds for Hydrogen/Deuterium Exchange Monitored by Mass Spectrometry. Analytical Chemistry, 2010, 82, 1450-1454.	6.5	51
21	The interaction between claudin-1 and dengue viral prM/M protein for its entry. Virology, 2013, 446, 303-313.	2.4	49
22	Zika Virus Infection Induces DNA Damage Response in Human Neural Progenitors That Enhances Viral Replication. Journal of Virology, 2019, 93, .	3.4	45
23	Specific Interaction between RNA Helicase A and Tap, Two Cellular Proteins That Bind to the Constitutive Transport Element of Type D Retrovirus. Journal of Biological Chemistry, 2000, 275, 32694-32700.	3.4	39
24	Biological activity-based modeling identifies antiviral leads against SARS-CoV-2. Nature Biotechnology, 2021, 39, 747-753.	17.5	38
25	Suppression of the DHX9 Helicase Induces Premature Senescence in Human Diploid Fibroblasts in a p53-dependent Manner. Journal of Biological Chemistry, 2014, 289, 22798-22814.	3.4	37
26	A Conserved Tandem Cyclophilin-Binding Site in Hepatitis C Virus Nonstructural Protein 5A Regulates Alisporivir Susceptibility. Journal of Virology, 2012, 86, 4811-4822.	3.4	36
27	Cell Death-Inducing DFFA-Like Effector b Is Required for Hepatitis C Virus Entry into Hepatocytes. Journal of Virology, 2014, 88, 8433-8444.	3.4	34
28	An hPSC-Derived Tissue-Resident Macrophage Model Reveals Differential Responses of Macrophages to ZIKV and DENV Infection. Stem Cell Reports, 2018, 11, 348-362.	4.8	32
29	Suppression of Viral RNA Binding and the Assembly of Infectious Hepatitis C Virus Particles In Vitro by Cyclophilin Inhibitors. Journal of Virology, 2012, 86, 12616-12624.	3.4	31
30	Design, synthesis and discovery of andrographolide derivatives against Zika virus infection. European Journal of Medicinal Chemistry, 2020, 187, 111925.	5.5	31
31	Modeling Dengue Virus-Hepatic Cell Interactions Using Human Pluripotent Stem Cell-Derived Hepatocyte-like Cells. Stem Cell Reports, 2016, 7, 341-354.	4.8	27
32	Zika Virus-Induced Neuronal Apoptosis via Increased Mitochondrial Fragmentation. Frontiers in Microbiology, 2020, 11, 598203.	3.5	27
33	Mutations in the hepatitis C virus polymerase that increase RNA binding can confer resistance to cyclosporine A. Hepatology, 2009, 50, 25-33.	7.3	24
34	Cyclophilin Inhibitors as a Novel HCV Therapy. Viruses, 2010, 2, 1621-1634.	3.3	20
35	Multiplexed Biomarker Panels Discriminate Zika and Dengue Virus Infection in Humans. Molecular and Cellular Proteomics, 2018, 17, 349-356.	3.8	19
36	Application of niclosamide and analogs as small molecule inhibitors of Zika virus and SARS-CoV-2 infection. Bioorganic and Medicinal Chemistry Letters, 2021, 40, 127906.	2.2	15

#	Article	IF	Citations
37	A CRISPR Activation Screen Identifies an Atypical Rho GTPase That Enhances Zika Viral Entry. Viruses, 2021, 13, 2113.	3.3	10
38	Inhibition of zika virus infection by fused tricyclic derivatives of 1,2,4,5-tetrahydroimidazo[1,5-a]quinolin-3(3aH)-one. Bioorganic Chemistry, 2020, 104, 104205.	4.1	9
39	High-Throughput Zika Viral Titer Assay for Rapid Screening of Antiviral Drugs. Assay and Drug Development Technologies, 2019, 17, 128-139.	1.2	8
40	Identification of a common Ara h 3 epitope recognized by both the capture and the detection monoclonal antibodies in an ELISA detection kit. PLoS ONE, 2017, 12, e0182935.	2.5	8
41	Intrinsic antiviral immunity of barrier cells revealed by an iPSC-derived blood-brain barrier cellular model. Cell Reports, 2022, 39, 110885.	6.4	8
42	An Integrated Systems Biology Approach Identifies the Proteasome as A Critical Host Machinery for ZIKV and DENV Replication. Genomics, Proteomics and Bioinformatics, 2021, 19, 108-122.	6.9	7
43	Molecular determinants of nucleolar translocation of RNA helicase A. Experimental Cell Research, 2007, 313, 3743-3754.	2.6	6
44	The missing pieces of the HCV entry puzzle. Future Virology, 2015, 10, 415-428.	1.8	6
45	Coordination of Zika Virus Infection and Viroplasm Organization by Microtubules and Microtubule-Organizing Centers. Cells, 2021, 10, 3335.	4.1	5
46	Hepatitis C Virus-Induced Degradation of Cell Death-Inducing DFFA-Like Effector B Leads to Hepatic Lipid Dysregulation. Journal of Virology, 2016, 90, 4174-4185.	3.4	4
47	Castanospermine reduces Zika virus infection-associated seizure by inhibiting both the viral load and inflammation in mouse models. Antiviral Research, 2020, 183, 104935.	4.1	4
48	Zika virus and neural developmental defects: building a case for a cause. Science China Life Sciences, 2016, 59, 536-538.	4.9	3
49	Zika Says No Dice to Dicer. Cell Stem Cell, 2020, 27, 503-504.	11.1	1
50	iPS Cell Differentiation into Brain Microvascular Endothelial Cells. Methods in Molecular Biology, 2022, 2429, 201-213.	0.9	1
51	Targeting host cofactors to inhibit viral infection. Frontiers in Biology, 2012, 7, 445-458.	0.7	0