Helene Minyi Liu

List of Publications by Year
in descending order

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22 papers	1,480 citations	623699 14 h-index	677123 22 g-index
25 all docs	25 docs citations	25 times ranked	2433 citing authors

#	Article	IF	Citations
1	Mitochondrial-associated endoplasmic reticulum membranes (MAM) form innate immune synapses and are targeted by hepatitis C virus. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14590-14595.	7.1	444
2	Toll-like receptor 4 mediates synergism between alcohol and HCV in hepatic oncogenesis involving stem cell marker Nanog. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1548-1553.	7.1	210
3	The Mitochondrial Targeting Chaperone 14-3-3Îµ Regulates a RIG-I Translocon that Mediates Membrane Association and Innate Antiviral Immunity. Cell Host and Microbe, 2012, 11, 528-537.	11.0	184
4	Replication of Hepatitis C Virus RNA on Autophagosomal Membranes. Journal of Biological Chemistry, 2012, 287, 18036-18043.	3.4	156
5	The Molecular Basis of Viral Inhibition of IRF- and STAT-Dependent Immune Responses. Frontiers in Immunology, 2018, 9, 3086.	4.8	90
6	Middle East Respiratory Syndrome Coronavirus Nucleocapsid Protein Suppresses Type I and Type III Interferon Induction by Targeting RIG-I Signaling. Journal of Virology, 2020, 94, .	3.4	59
7	Regulation of Retinoic Acid Inducible Gene-I (RIG-I) Activation by the Histone Deacetylase 6. EBioMedicine, 2016, 9, 195-206.	6.1	55
8	The 14-3-3Î· chaperone protein promotes antiviral innate immunity via facilitating MDA5 oligomerization and intracellular redistribution. PLoS Pathogens, 2019, 15, e1007582.	4.7	51
9	Hepatitis C Virus Infection of T Cells Inhibits Proliferation and Enhances Fas-Mediated Apoptosis by Down-Regulating the Expression of CD44 Splicing Variant 6. Journal of Infectious Diseases, 2009, 199, 726-736.	4.0	39
10	SYNCRIP (synaptotagmin-binding, cytoplasmic RNA-interacting protein) is a host factor involved in hepatitis C virus RNA replication. Virology, 2009, 386, 249-256.	2.4	37
11	Hepatitis C Virus Evasion from RIG-I-Dependent Hepatic Innate Immunity. Gastroenterology Research and Practice, 2010, 2010, 1-8.	1.5	34
12	Interactome Analysis of the NS1 Protein Encoded by Influenza A H1N1 Virus Reveals a Positive Regulatory Role of Host Protein PRP19 in Viral Replication. Journal of Proteome Research, 2016, 15, 1639-1648.	3.7	31
13	HCV-induced autophagosomes are generated via homotypic fusion of phagophores that mediate HCV RNA replication. PLoS Pathogens, 2017, 13, e1006609.	4.7	25
14	Digital Microfluidic qPCR Cartridge for SARS-CoV-2 Detection. Micromachines, 2022, 13, 196.	2.9	16
15	Hepatitis C Virus Translation Preferentially Depends on Active RNA Replication. PLoS ONE, 2012, 7, e43600.	2.5	12
16	ZAPS electrifies RIG-I signaling. Nature Immunology, 2011, 12, 11-12.	14.5	8
17	The transmembrane serine protease hepsin suppresses type I interferon induction by cleaving STING. Science Signaling, 2021, 14, .	3.6	8
18	Role of the Chaperone Protein 14-3-3Îµ in the Regulation of Influenza A Virus-Activated Beta Interferon. Journal of Virology, 2021, 95, e0023121.	3.4	8

#	Article	IF	Citations
19	Intracellular innate immunity and mechanism of action of cytosolic nucleic acid receptorâ€mediated type I <scp>IFN</scp> against viruses. IUBMB Life, 2022, 74, 180-189.	3.4	2
20	PS2-007. Mitochondrial-associated ER membranes form MAVS-anchored innate immune synapses that are targeted by hepatitis C virus. Cytokine, 2011, 56, 65.	3.2	1
21	Genotypic Regulation of Type I Interferon Induction Pathways by Frameshift (F) Proteins of Hepatitis C Virus. Journal of Virology, 2020, 94, .	3.4	1
22	Interactome Profiling of N-Terminus-Truncated NS1 Protein of Influenza A Virus Reveals Role of 14-3-3Î³ in Virus Replication. Pathogens, 2022, 11, 733.	2.8	0