Ming-Ming Hu

List of Publications by Year
in descending order

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30	2,089	304743	414414
papers	citations	22 h-index	32 g-index

32	32	32	2569
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sumoylation Promotes the Stability of the DNA Sensor cGAS and the Adaptor STING to Regulate the Kinetics of Response to DNA Virus. Immunity, 2016, 45, 555-569.	14.3	256
2	TRIM4 modulates type I interferon induction and cellular antiviral response by targeting RIG-I for K63-linked ubiquitination. Journal of Molecular Cell Biology, 2014, 6, 154-163.	3.3	171
3	Human Cytomegalovirus Tegument Protein UL82 Inhibits STING-Mediated Signaling to Evade Antiviral Immunity. Cell Host and Microbe, 2017, 21, 231-243.	11.0	162
4	RNF26 Temporally Regulates Virus-Triggered Type I Interferon Induction by Two Distinct Mechanisms. PLoS Pathogens, 2014, 10, e1004358.	4.7	158
5	TRIM38 inhibits TNFÎ±- and IL-1Î²â€“triggered NF-ÎºB activation by mediating lysosome-dependent degradation of TAB2/3. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1509-1514.	7.1	113
6	Innate immunity to RNA virus is regulated by temporal and reversible sumoylation of RIG-I and MDA5. Journal of Experimental Medicine, 2017, 214, 973-989.	8.5	103
7	ZCCHC3 is a co-sensor of cGAS for dsDNA recognition in innate immune response. Nature Communications, 2018, 9, 3349.	12.8	93
8	TRIM32-TAX1BP1-dependent selective autophagic degradation of TRIF negatively regulates TLR3/4-mediated innate immune responses. PLoS Pathogens, 2017, 13, e1006600.	4.7	89
9	The Zinc-Finger Protein ZCCHC3 Binds RNA and Facilitates Viral RNA Sensing and Activation of the RIG-I-like Receptors. Immunity, 2018, 49, 438-448.e5.	14.3	88
10	Innate Immune Response to Cytoplasmic DNA: Mechanisms and Diseases. Annual Review of Immunology, 2020, 38, 79-98.	21.8	88
11	Phosphorylation of cGAS by CDK1 impairs self-DNA sensing in mitosis. Cell Discovery, 2020, 6, 26.	6.7	78
12	Cytoplasmic Mechanisms of Recognition and Defense of Microbial Nucleic Acids. Annual Review of Cell and Developmental Biology, 2018, 34, 357-379.	9.4	75
13	TRIM38 Negatively Regulates TLR3/4-Mediated Innate Immune and Inflammatory Responses by Two Sequential and Distinct Mechanisms. Journal of Immunology, 2015, 195, 4415-4425.	0.8	70
14	Virus-induced accumulation of intracellular bile acids activates the TGR5-Î²-arrestin-SRC axis to enable innate antiviral immunity. Cell Research, 2019, 29, 193-205.	12.0	69
15	Multifaceted roles of TRIM38 in innate immune and inflammatory responses. Cellular and Molecular Immunology, 2017, 14, 331-338.	10.5	65
16	KAT5 acetylates cGAS to promote innate immune response to DNA virus. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21568-21575.	7.1	56
17	TRIM8 Negatively Regulates TLR3/4-Mediated Innate Immune Response by Blocking TRIFâ€“TBK1 Interaction. Journal of Immunology, 2017, 199, 1856-1864.	0.8	53
18	USP8 inhibition reshapes an inflamed tumor microenvironment that potentiates the immunotherapy. Nature Communications, 2022, 13, 1700.	12.8	45

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19	MARCH3 attenuates IL-1Î²â€“triggered inflammation by mediating K48-linked polyubiquitination and degradation of IL-1RI. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12483-12488.	7.1	31
20	SNX8 modulates innate immune response to DNA virus by mediating trafficking and activation of MITA. PLoS Pathogens, 2018, 14, e1007336.	4.7	31
21	PKACs attenuate innate antiviral response by phosphorylating VISA and priming it for MARCH5-mediated degradation. PLoS Pathogens, 2017, 13, e1006648.	4.7	28
22	MSX1 Modulates RLR-Mediated Innate Antiviral Signaling by Facilitating Assembly of TBK1-Associated Complexes. Journal of Immunology, 2016, 197, 199-207.	0.8	25
23	Death-associated protein kinase 1 is an IRF3/7-interacting protein that is involved in the cellular antiviral immune response. Cellular and Molecular Immunology, 2014, 11, 245-252.	10.5	22
24	VRK2 is involved in the innate antiviral response by promoting mitostress-induced mtDNA release. Cellular and Molecular Immunology, 2021, 18, 1186-1196.	10.5	22
25	ZDHHC11 modulates innate immune response to DNA virus by mediating MITAâ€“IRF3 association. Cellular and Molecular Immunology, 2018, 15, 907-916.	10.5	20
26	SNX8 modulates the innate immune response to RNA viruses by regulating the aggregation of VISA. Cellular and Molecular Immunology, 2020, 17, 1126-1135.	10.5	18
27	Hydrogen peroxide detection with high specificity in living cells and inflamed tissues. International Journal of Energy Production and Management, 2016, 3, 217-222.	3.7	16
28	Modulation of innate immune response to viruses including SARS-CoV-2 by progesterone. Signal Transduction and Targeted Therapy, 2022, 7, 137.	17.1	16
29	Quantitative Proteomics Identified TTC4 as a TBK1 Interactor and a Positive Regulator of SeVâ€Induced Innate Immunity. Proteomics, 2018, 18, 1700403.	2.2	15
30	CSK promotes innate immune response to DNA virus by phosphorylating MITA. Biochemical and Biophysical Research Communications, 2020, 526, 199-205.	2.1	11