

Christian K Holm

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,123
citations

361413

20
h-index

434195

31
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all docs

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docs citations

36
times ranked

3536
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV2-mediated suppression of NRF2-signaling reveals potent antiviral and anti-inflammatory activity of 4-octyl-itaconate and dimethyl fumarate. <i>Nature Communications</i> , 2020, 11, 4938.	12.8	272
2	Virus-cell fusion as a trigger of innate immunity dependent on the adaptor STING. <i>Nature Immunology</i> , 2012, 13, 737-743.	14.5	207
3	Nrf2 negatively regulates STING indicating a link between antiviral sensing and metabolic reprogramming. <i>Nature Communications</i> , 2018, 9, 3506.	12.8	192
4	Proteasomal Degradation of Herpes Simplex Virus Capsids in Macrophages Releases DNA to the Cytosol for Recognition by DNA Sensors. <i>Journal of Immunology</i> , 2013, 190, 2311-2319.	0.8	171
5	Influenza A virus targets a cGAS-independent STING pathway that controls enveloped RNA viruses. <i>Nature Communications</i> , 2016, 7, 10680.	12.8	169
6	Nitro-fatty acids are formed in response to virus infection and are potent inhibitors of STING palmitoylation and signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7768-E7775.	7.1	150
7	TLR3 deficiency renders astrocytes permissive to herpes simplex virus infection and facilitates establishment of CNS infection in mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 1368-1376.	8.2	141
8	Activation of Autophagy by $\hat{\pm}$ -Herpesviruses in Myeloid Cells Is Mediated by Cytoplasmic Viral DNA through a Mechanism Dependent on Stimulator of IFN Genes. <i>Journal of Immunology</i> , 2011, 187, 5268-5276.	0.8	95
9	Increased Interleukin 21 (IL-21) and IL-23 Are Associated with Increased Disease Activity and with Radiographic Status in Patients with Early Rheumatoid Arthritis. <i>Journal of Rheumatology</i> , 2010, 37, 2014-2020.	2.0	94
10	An innate antiviral pathway acting before interferons at epithelial surfaces. <i>Nature Immunology</i> , 2016, 17, 150-158.	14.5	59
11	STING palmitoylation as a therapeutic target. <i>Cellular and Molecular Immunology</i> , 2019, 16, 236-241.	10.5	57
12	DNA recognition in immunity and disease. <i>Current Opinion in Immunology</i> , 2013, 25, 13-18.	5.5	53
13	Overexpression of microRNA-155 increases IL-21 mediated STAT3 signaling and IL-21 production in systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2015, 17, 154.	3.5	52
14	TLR2 and TLR7 mediate distinct immunopathological and antiviral plasmacytoid dendritic cell responses to SARS-CoV $\hat{\pm}$ infection. <i>EMBO Journal</i> , 2022, 41, e109622.	7.8	46
15	T Cells Detect Intracellular DNA but Fail to Induce Type I IFN Responses: Implications for Restriction of HIV Replication. <i>PLoS ONE</i> , 2014, 9, e84513.	2.5	45
16	TLR3 Ligand Polyinosinic:Polycytidylic Acid Induces IL-17A and IL-21 Synthesis in Human Th Cells. <i>Journal of Immunology</i> , 2009, 183, 4422-4431.	0.8	37
17	NRF2 in Viral Infection. <i>Antioxidants</i> , 2021, 10, 1491.	5.1	37
18	Mesaconate is synthesized from itaconate and exerts immunomodulatory effects in macrophages. <i>Nature Metabolism</i> , 2022, 4, 524-533.	11.9	32

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19	A STING antagonist modulating the interaction with STIM1 blocks ER-to-Golgi trafficking and inhibits lupus pathology. <i>EBioMedicine</i> , 2021, 66, 103314.	6.1	31
20	Increased plasma levels of IL-21 and IL-23 in spondyloarthritis are not associated with clinical and MRI findings. <i>Rheumatology International</i> , 2012, 32, 387-393.	3.0	30
21	Nrf2 Negatively Regulates Type I Interferon Responses and Increases Susceptibility to Herpes Genital Infection in Mice. <i>Frontiers in Immunology</i> , 2019, 10, 2101.	4.8	26
22	Virus-induced metabolic reprogramming and innate sensing hereof by the infected host. <i>Current Opinion in Biotechnology</i> , 2021, 68, 44-50.	6.6	24
23	Ionophore antibiotic X-206 is a potent inhibitor of SARS-CoV-2 infection in vitro. <i>Antiviral Research</i> , 2021, 185, 104988.	4.1	18
24	Antiviral Potential of the Antimicrobial Drug Atovaquone against SARS-CoV-2 and Emerging Variants of Concern. <i>ACS Infectious Diseases</i> , 2021, 7, 3034-3051.	3.8	17
25	NKT cell activation by local β -galactosylceramide administration decreases susceptibility to HSV-2 infection. <i>Immunobiology</i> , 2015, 220, 762-768.	1.9	12
26	Interleukin-21 Receptor Signalling Is Important for Innate Immune Protection against HSV-2 Infections. <i>PLoS ONE</i> , 2013, 8, e81790.	2.5	10
27	Influenza A induces lactate formation to inhibit type I IFN in primary human airway epithelium. <i>IScience</i> , 2021, 24, 103300.	4.1	10
28	Global transcriptional changes in response to cGAMP depend on STING in human THP-1 cells. <i>Cellular and Molecular Immunology</i> , 2018, 15, 983-985.	10.5	3
29	Cellular Metabolites Regulate Central Nucleic Acid Sensing Pathways. <i>Frontiers in Immunology</i> , 2021, 12, 635738.	4.8	3
30	Influenza A Virus Induces LDHA Expression and Lactate Formation to Inhibit Type I IFN and Promote Replication in Primary Human Airway Epithelium. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0