

Lennart Koepke

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

894
citations

13
h-index

26
g-index

26
ext. papers

1,541
ext. citations

12.9
avg, IF

4.44
L-index

#	Paper	IF	Citations
24	Structural basis for translational shutdown and immune evasion by the Nsp1 protein of SARS-CoV-2. <i>Science</i> , 2020 , 369, 1249-1255	33.3	352
23	SARS-CoV-2 infects and replicates in cells of the human endocrine and exocrine pancreas. <i>Nature Metabolism</i> , 2021 , 3, 149-165	14.6	176
22	Systematic functional analysis of SARS-CoV-2 proteins uncovers viral innate immune antagonists and remaining vulnerabilities. <i>Cell Reports</i> , 2021 , 35, 109126	10.6	61
21	Guanylate-Binding Proteins 2 and 5 Exert Broad Antiviral Activity by Inhibiting Furin-Mediated Processing of Viral Envelope Proteins. <i>Cell Reports</i> , 2019 , 27, 2092-2104.e10	10.6	53
20	IFITM proteins promote SARS-CoV-2 infection and are targets for virus inhibition in vitro. <i>Nature Communications</i> , 2021 , 12, 4584	17.4	38
19	Drug Inhibition of SARS-CoV-2 Replication in Human Pluripotent Stem Cell-Derived Intestinal Organoids. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021 , 11, 935-948	7.9	33
18	N4BP1 restricts HIV-1 and its inactivation by MALT1 promotes viral reactivation. <i>Nature Microbiology</i> , 2019 , 4, 1532-1544	26.6	31
17	Manipulation of autophagy by SARS-CoV-2 proteins. <i>Autophagy</i> , 2021 , 17, 2659-2661	10.2	23
16	The antiviral activities of TRIM proteins. <i>Current Opinion in Microbiology</i> , 2021 , 59, 50-57	7.9	20
15	Structural basis for translational shutdown and immune evasion by the Nsp1 protein of SARS-CoV-2		18
14	Omicron: what makes the latest SARS-CoV-2 variant of concern so concerning?. <i>Journal of Virology</i> , 2022 , jvi0207721	6.6	17
13	IFITM proteins promote SARS-CoV-2 infection and are targets for virus inhibition		14
12	HIV-1 infection activates endogenous retroviral promoters regulating antiviral gene expression. <i>Nucleic Acids Research</i> , 2020 , 48, 10890-10908	20.1	14
11	Remdesivir but not famotidine inhibits SARS-CoV-2 replication in human pluripotent stem cell-derived intestinal organoids		9
10	An improved method for high-throughput quantification of autophagy in mammalian cells. <i>Scientific Reports</i> , 2020 , 10, 12241	4.9	8
9	Vpu modulates DNA repair to suppress innate sensing and hyper-integration of HIV-1. <i>Nature Microbiology</i> , 2020 , 5, 1247-1261	26.6	6
8	The Delta variant of SARS-CoV-2 maintains high sensitivity to interferons in human lung cells		5

7	SARS-CoV-2 Variants of Concern Hijack IFITM2 for Efficient Replication in Human Lung Cells.. <i>Journal of Virology</i> , 2022 , e0059422	6.6	4
6	Spike residue 403 affects binding of coronavirus spikes to human ACE2. <i>Nature Communications</i> , 2021 , 12, 6855	17.4	3
5	Interferon antagonists encoded by SARS-CoV-2 at a glance.. <i>Medical Microbiology and Immunology</i> , 2022 , 1	4	3
4	Imperfect innate immune antagonism renders SARS-CoV-2 vulnerable towards IFN- λ and - γ		2
3	Luciferase reporter assays to monitor interferon signaling modulation by SARS-CoV-2 proteins. <i>STAR Protocols</i> , 2021 , 2, 100781	1.4	2
2	IFITM dependency of SARS-CoV-2 variants of concern		1
1	SARS-CoV-2 variants of concern remain dependent on IFITM2 for efficient replication in human lung cells		1