Lennart Koepke

List of Publications by Year in Descending Order

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	Omicron: what makes the latest SARS-CoV-2 variant of concern so concerning?. *Journal of Virology*, **2022**, jvi0207721	6.6	17
23	Interferon antagonists encoded by SARS-CoV-2 at a glance.. *Medical Microbiology and Immunology*, **2022**, 1	4	3
22	SARS-CoV-2 Variants of Concern Hijack IFITM2 for Efficient Replication in Human Lung Cells.. *Journal of Virology*, **2022**, e0059422	6.6	4
21	Spike residue 403 affects binding of coronavirus spikes to human ACE2. *Nature Communications*, **2021**, 12, 6855	17.4	3
20	Systematic functional analysis of SARS-CoV-2 proteins uncovers viral innate immune antagonists and remaining vulnerabilities. *Cell Reports*, **2021**, 35, 109126	10.6	61
19	IFITM proteins promote SARS-CoV-2 infection and are targets for virus inhibition in vitro. *Nature Communications*, **2021**, 12, 4584	17.4	38
18	Drug Inhibition of SARS-CoV-2 Replication in Human Pluripotent Stem Cell-Derived Intestinal Organoids. *Cellular and Molecular Gastroenterology and Hepatology*, **2021**, 11, 935-948	7.9	33
17	The antiviral activities of TRIM proteins. *Current Opinion in Microbiology*, **2021**, 59, 50-57	7.9	20
16	SARS-CoV-2 infects and replicates in cells of the human endocrine and exocrine pancreas. *Nature Metabolism*, **2021**, 3, 149-165	14.6	176
15	Manipulation of autophagy by SARS-CoV-2 proteins. *Autophagy*, **2021**, 17, 2659-2661	10.2	23
14	Luciferase reporter assays to monitor interferon signaling modulation by SARS-CoV-2 proteins. *STAR Protocols*, **2021**, 2, 100781	1.4	2
13	HIV-1 infection activates endogenous retroviral promoters regulating antiviral gene expression. *Nucleic Acids Research*, **2020**, 48, 10890-10908	20.1	14
12	Vpu modulates DNA repair to suppress innate sensing and hyper-integration of HIV-1. *Nature Microbiology*, **2020**, 5, 1247-1261	26.6	6
11	Structural basis for translational shutdown and immune evasion by the Nsp1 protein of SARS-CoV-2. *Science*, **2020**, 369, 1249-1255	33.3	352
10	An improved method for high-throughput quantification of autophagy in mammalian cells. *Scientific Reports*, **2020**, 10, 12241	4.9	8
9	N4BP1 restricts HIV-1 and its inactivation by MALT1 promotes viral reactivation. *Nature Microbiology*, **2019**, 4, 1532-1544	26.6	31
8	Guanylate-Binding Proteins 2 and 5 Exert Broad Antiviral Activity by Inhibiting Furin-Mediated Processing of Viral Envelope Proteins. *Cell Reports*, **2019**, 27, 2092-2104.e10	10.6	53

List of Publications

7	The Delta variant of SARS-CoV-2 maintains high sensitivity to interferons in human lung cells	5
6	IFITM dependency of SARS-CoV-2 variants of concern	1
5	Structural basis for translational shutdown and immune evasion by the Nsp1 protein of SARS-CoV-2	18
4	Remdesivir but not famotidine inhibits SARS-CoV-2 replication in human pluripotent stem cell-derived intestinal organoids	9
3	IFITM proteins promote SARS-CoV-2 infection and are targets for virus inhibition	14
2	Imperfect innate immune antagonism renders SARS-CoV-2 vulnerable towards IFN- and -	2
1	SARS-CoV-2 variants of concern remain dependent on IFITM2 for efficient replication in human lung cells	1