

Helena J Maier

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,354
citations

567281

15
h-index

610901

24
g-index

29
all docs

29
docs citations

29
times ranked

4423
citing authors

#	ARTICLE	IF	CITATIONS
1	A unifying structural and functional model of the coronavirus replication organelle: Tracking down RNA synthesis. <i>PLoS Biology</i> , 2020, 18, e3000715.	5.6	368
2	Coronavirus nsp6 proteins generate autophagosomes from the endoplasmic reticulum via an omegasome intermediate. <i>Autophagy</i> , 2011, 7, 1335-1347.	9.1	215
3	Infectious Bronchitis Virus Generates Spherules from Zippered Endoplasmic Reticulum Membranes. <i>MBio</i> , 2013, 4, e00801-13.	4.1	118
4	Activation of the Chicken Type I Interferon Response by Infectious Bronchitis Coronavirus. <i>Journal of Virology</i> , 2015, 89, 1156-1167.	3.4	81
5	Involvement of Autophagy in Coronavirus Replication. <i>Viruses</i> , 2012, 4, 3440-3451.	3.3	76
6	Infectious Bronchitis Coronavirus Limits Interferon Production by Inducing a Host Shutoff That Requires Accessory Protein 5b. <i>Journal of Virology</i> , 2016, 90, 7519-7528.	3.4	76
7	The S2 Subunit of Infectious Bronchitis Virus Beaudette Is a Determinant of Cellular Tropism. <i>Journal of Virology</i> , 2018, 92, .	3.4	47
8	Differential role of the influenza A virus polymerase PA subunit for vRNA and cRNA promoter binding. <i>Virology</i> , 2008, 370, 194-204.	2.4	44
9	Targeting the Conserved Stem Loop 2 Motif in the SARS-CoV-2 Genome. <i>Journal of Virology</i> , 2021, 95, e0066321.	3.4	42
10	Visualizing the autophagy pathway in avian cells and its application to studying infectious bronchitis virus. <i>Autophagy</i> , 2013, 9, 496-509.	9.1	39
11	Infectious Bronchitis Coronavirus Inhibits STAT1 Signaling and Requires Accessory Proteins for Resistance to Type I Interferon Activity. <i>Journal of Virology</i> , 2015, 89, 12047-12057.	3.4	38
12	Extensive coronavirus-induced membrane rearrangements are not a determinant of pathogenicity. <i>Scientific Reports</i> , 2016, 6, 27126.	3.3	28
13	The Porcine Deltacoronavirus Replication Organelle Comprises Double-Membrane Vesicles and Zippered Endoplasmic Reticulum with Double-Membrane Spherules. <i>Viruses</i> , 2019, 11, 1030.	3.3	25
14	AMP-Activated Protein Kinase Mediates the Effect of Leptin on Avian Autophagy in a Tissue-Specific Manner. <i>Frontiers in Physiology</i> , 2018, 9, 541.	2.8	22
15	Infectious Bursal Disease Virus Subverts Autophagic Vacuoles To Promote Viral Maturation and Release. <i>Journal of Virology</i> , 2017, 91, .	3.4	20
16	Infectious Bronchitis Virus Nonstructural Protein 4 Alone Induces Membrane Pairing. <i>Viruses</i> , 2018, 10, 477.	3.3	20
17	The proteome of the infectious bronchitis virus Beau-R virion. <i>Journal of General Virology</i> , 2015, 96, 3499-3506.	2.9	15
18	Infectious Bronchitis Virus Regulates Cellular Stress Granule Signaling. <i>Viruses</i> , 2020, 12, 536.	3.3	11

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19	Porcine Respiratory Coronavirus as a Model for Acute Respiratory Coronavirus Disease. <i>Frontiers in Immunology</i> , 2022, 13, 867707.	4.8	11
20	Temperature Sensitivity: A Potential Method for the Generation of Vaccines against the Avian Coronavirus Infectious Bronchitis Virus. <i>Viruses</i> , 2020, 12, 754.	3.3	10
21	Selection of reference genes for gene expression analysis by real-time qPCR in avian cells infected with infectious bronchitis virus. <i>Avian Pathology</i> , 2017, 46, 173-180.	2.0	7
22	Spherules and IBV. <i>Bioengineered</i> , 2014, 5, 288-292.	3.2	4
23	Coronavirus RNA Synthesis Takes Place within Membrane-Bound Sites. <i>Viruses</i> , 2021, 13, 2540.	3.3	4
24	Quantification of Coronaviruses by Titration In Vitro and Ex Vivo. <i>Methods in Molecular Biology</i> , 2020, 2203, 135-143.	0.9	2