

Jakob Trimpert

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.

38
papers

795
citations

15
h-index

27
g-index

47
ext. papers

1,458
ext. citations

10.4
avg, IF

4.42
L-index

#	Paper	IF	Citations
38	A Therapeutic Non-self-reactive SARS-CoV-2 Antibody Protects from Lung Pathology in a COVID-19 Hamster Model. <i>Cell</i> , 2020 , 183, 1058-1069.e19	56.2	182
37	Age-Dependent Progression of SARS-CoV-2 Infection in Syrian Hamsters. <i>Viruses</i> , 2020 , 12,	6.2	112
36	SARS-CoV-2-mediated dysregulation of metabolism and autophagy uncovers host-targeting antivirals. <i>Nature Communications</i> , 2021 , 12, 3818	17.4	53
35	The Roborovski Dwarf Hamster Is A Highly Susceptible Model for a Rapid and Fatal Course of SARS-CoV-2 Infection. <i>Cell Reports</i> , 2020 , 33, 108488	10.6	40
34	Virus-induced senescence is a driver and therapeutic target in COVID-19. <i>Nature</i> , 2021 , 599, 283-289	50.4	38
33	Standardization of Reporting Criteria for Lung Pathology in SARS-CoV-2-infected Hamsters: What Matters?. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020 , 63, 856-859	5.7	32
32	SARS-CoV-2 infection of Chinese hamsters (<i>Cricetulus griseus</i>) reproduces COVID-19 pneumonia in a well-established small animal model. <i>Transboundary and Emerging Diseases</i> , 2021 , 68, 1075-1079	4.2	30
31	A phylogenomic analysis of Marek's disease virus reveals independent paths to virulence in Eurasia and North America. <i>Evolutionary Applications</i> , 2017 , 10, 1091-1101	4.8	27
30	A SARS-CoV-2 neutralizing antibody selected from COVID-19 patients binds to the ACE2-RBD interface and is tolerant to most known RBD mutations. <i>Cell Reports</i> , 2021 , 36, 109433	10.6	25
29	Mechanism of Virus Attenuation by Codon Pair Deoptimization. <i>Cell Reports</i> , 2020 , 31, 107586	10.6	24
28	Graphene Sheets with Defined Dual Functionalities for the Strong SARS-CoV-2 Interactions. <i>Small</i> , 2021 , 17, e2007091	11	23
27	Attenuation of a very virulent Marek's disease herpesvirus (MDV) by codon pair bias deoptimization. <i>PLoS Pathogens</i> , 2018 , 14, e1006857	7.6	21
26	Epithelial response to IFN- β promotes SARS-CoV-2 infection. <i>EMBO Molecular Medicine</i> , 2021 , 13, e13191	12	20
25	In vitro efficacy of artemisinin-based treatments against SARS-CoV-2. <i>Scientific Reports</i> , 2021 , 11, 14571	4.9	18
24	A SARS-CoV-2 neutralizing antibody protects from lung pathology in a COVID-19 hamster model 2020 ,		15
23	Polysulfates Block SARS-CoV-2 Uptake through Electrostatic Interactions*. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 15870-15878	16.4	14
22	Development of safe and highly protective live-attenuated SARS-CoV-2 vaccine candidates by genome recoding. <i>Cell Reports</i> , 2021 , 36, 109493	10.6	13

21	Age-dependent progression of SARS-CoV-2 infection in Syrian hamsters		12
20	In vitro efficacy of Artemisia extracts against SARS-CoV-2. <i>Virology Journal</i> , 2021 , 18, 182	6.1	10
19	Hamster models of COVID-19 pneumonia reviewed: How human can they be?. <i>Veterinary Pathology</i> , 2021 , 3009858211057197	2.8	9
18	Isolation and characterization of new Puumala orthohantavirus strains from Germany. <i>Virus Genes</i> , 2020 , 56, 448-460	2.3	8
17	A SARS-CoV-2 neutralizing antibody selected from COVID-19 patients by phage display is binding to the ACE2-RBD interface and is tolerant to most known recently emerging RBD mutations		8
16	Temporal omics analysis in Syrian hamsters unravel cellular effector responses to moderate COVID-19. <i>Nature Communications</i> , 2021 , 12, 4869	17.4	8
15	Inhibition of SARS-CoV-2 Replication by a Small Interfering RNA Targeting the Leader Sequence. <i>Viruses</i> , 2021 , 13,	6.2	7
14	A proofreading-impaired herpesvirus generates populations with quasispecies-like structure. <i>Nature Microbiology</i> , 2019 , 4, 2175-2183	26.6	7
13	Live attenuated virus vaccine protects against SARS-CoV-2 variants of concern B.1.1.7 (Alpha) and B.1.351 (Beta). <i>Science Advances</i> , 2021 , 7, eabk0172	14.3	6
12	ACE2-Variants Indicate Potential SARS-CoV-2-Susceptibility in Animals: An Extensive Molecular Dynamics Study		6
11	ADAM10 and ADAM17 promote SARS-CoV-2 cell entry and spike protein-mediated lung cell fusion.. <i>EMBO Reports</i> , 2022 , e54305	6.5	6
10	Longitudinal omics in Syrian hamsters integrated with human data unravel complexity of moderate immune responses to SARS-CoV-2		5
9	Multispecific DARPin \square therapeutics demonstrate very high potency against SARS-CoV-2 variants in vitro		4
8	Marek's Disease Virus Requires Both Copies of the Inverted Repeat Regions for Efficient Replication and Pathogenesis. <i>Journal of Virology</i> , 2021 , 95,	6.6	3
7	A Sars-Cov-2 Neutralizing Antibody Protects from Lung Pathology in a Covid-19 Hamster Model. <i>SSRN Electronic Journal</i> ,	1	2
6	Elizabethkingia miricola infection in multiple anuran species. <i>Transboundary and Emerging Diseases</i> , 2021 , 68, 931-940	4.2	2
5	Zoonotic pathogen screening of striped field mice (<i>Apodemus agrarius</i>) from Austria. <i>Transboundary and Emerging Diseases</i> , 2021 ,	4.2	2
4	ACE2-Variants Indicate Potential SARS-CoV-2-Susceptibility in Animals: A Molecular Dynamics Study. <i>Molecular Informatics</i> , 2021 , 40, e2100031	3.8	2

- 3 Deciphering the Role of Humoral and Cellular Immune Responses in Different COVID-19 Vaccines-A Comparison of Vaccine Candidate Genes in Roborovski Dwarf Hamsters. *Viruses*, **2021**, 13, 6.2 1
- 2 Herpesvirus DNA Polymerase Mutants How Important Is Faithful Genome Replication?. *Current Clinical Microbiology Reports*, **2019**, 6, 240-248 3.1 0
- 1 Polysulfate hemmen durch elektrostatische Wechselwirkungen die SARS-CoV-2-Infektion**. *Angewandte Chemie*, **2021**, 133, 16005-16014 3.6