Jakob Trimpert

List of Publications by Year in Descending Order

Source: https://exaly.com/author-pdf/7954700/jakob-trimpert-publications-by-year.pdf
Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
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	ADAM10 and ADAM17 promote SARS-CoV-2 cell entry and spike protein-mediated lung cell fusion.. *EMBO Reports*, **2022**, e54305	6.5	6
37	Live attenuated virus vaccine protects against SARS-CoV-2 variants of concern B.1.1.7 (Alpha) and B.1.351 (Beta). *Science Advances*, **2021**, 7, eabk0172	14.3	6
36	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
35	Hamster models of COVID-19 pneumonia reviewed: How human can they be?. *Veterinary Pathology*, **2021**, 3009858211057197	2.8	9
34	Inhibition of SARS-CoV-2 Replication by a Small Interfering RNA Targeting the Leader Sequence. *Viruses*, **2021**, 13,	6.2	7
33	Epithelial response to IFN-promotes SARS-CoV-2 infection. *EMBO Molecular Medicine*, **2021**, 13, e13191	12	20
32	Polysulfate hemmen durch elektrostatische Wechselwirkungen die SARS-CoV-2-Infektion**. *Angewandte Chemie*, **2021**, 133, 16005-16014	3.6	
31	Polysulfates Block SARS-CoV-2 Uptake through Electrostatic Interactions*. *Angewandte Chemie - International Edition*, **2021**, 60, 15870-15878	16.4	14
30	SARS-CoV-2-mediated dysregulation of metabolism and autophagy uncovers host-targeting antivirals. *Nature Communications*, **2021**, 12, 3818	17.4	53
29	In vitro efficacy of artemisinin-based treatments against SARS-CoV-2. *Scientific Reports*, **2021**, 11, 14571	4.9	18
28	Elizabethkingia miricola infection in multiple anuran species. *Transboundary and Emerging Diseases*, **2021**, 68, 931-940	4.2	2
27	Marek's Disease Virus Requires Both Copies of the Inverted Repeat Regions for Efficient Replication and Pathogenesis. *Journal of Virology*, **2021**, 95,	6.6	3
26	SARS-CoV-2 infection of Chinese hamsters (Cricetulus griseus) reproduces COVID-19 pneumonia in a well-established small animal model. *Transboundary and Emerging Diseases*, **2021**, 68, 1075-1079	4.2	30
25	Graphene Sheets with Defined Dual Functionalities for the Strong SARS-CoV-2 Interactions. *Small*, **2021**, 17, e2007091	11	23
24	Zoonotic pathogen screening of striped field mice (Apodemus agrarius) from Austria. *Transboundary and Emerging Diseases*, **2021**,	4.2	2
23	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. *Cell Reports*, **2021**, 36, 109433	10.6	25
22	Temporal omics analysis in Syrian hamsters unravel cellular effector responses to moderate COVID-19. *Nature Communications*, **2021**, 12, 4869	17.4	8

21	Development of safe and highly protective live-attenuated SARS-CoV-2 vaccine candidates by genome recoding. *Cell Reports*, **2021**, 36, 109493	10.6	13
20	ACE2-Variants Indicate Potential SARS-CoV-2-Susceptibility in Animals: A Molecular Dynamics Study. *Molecular Informatics*, **2021**, 40, e2100031	3.8	2
19	Virus-induced senescence is a driver and therapeutic target in COVID-19. *Nature*, **2021**, 599, 283-289	50.4	38
18	In vitro efficacy of Artemisia extracts against SARS-CoV-2. *Virology Journal*, **2021**, 18, 182	6.1	10
17	The Roborovski Dwarf Hamster Is A Highly Susceptible Model for a Rapid and Fatal Course of SARS-CoV-2 Infection. *Cell Reports*, **2020**, 33, 108488	10.6	40
16	Mechanism of Virus Attenuation by Codon Pair Deoptimization. *Cell Reports*, **2020**, 31, 107586	10.6	24
15	Isolation and characterization of new Puumala orthohantavirus strains from Germany. *Virus Genes*, **2020**, 56, 448-460	2.3	8
14	A SARS-CoV-2 neutralizing antibody protects from lung pathology in a COVID-19 hamster model **2020**,		15
13	A Therapeutic Non-self-reactive SARS-CoV-2 Antibody Protects from Lung Pathology in a COVID-19 Hamster Model. *Cell*, **2020**, 183, 1058-1069.e19	56.2	182
12	Age-Dependent Progression of SARS-CoV-2 Infection in Syrian Hamsters. *Viruses*, **2020**, 12,	6.2	112
11	Standardization of Reporting Criteria for Lung Pathology in SARS-CoV-2-infected Hamsters: What Matters?. *American Journal of Respiratory Cell and Molecular Biology*, **2020**, 63, 856-859	5.7	32
10	A proofreading-impaired herpesvirus generates populations with quasispecies-like structure. *Nature Microbiology*, **2019**, 4, 2175-2183	26.6	7
9	Herpesvirus DNA Polymerase Mutants: How Important Is Faithful Genome Replication?. *Current Clinical Microbiology Reports*, **2019**, 6, 240-248	3.1	0
8	Attenuation of a very virulent Marek's disease herpesvirus (MDV) by codon pair bias deoptimization. *PLoS Pathogens*, **2018**, 14, e1006857	7.6	21
7	A phylogenomic analysis of Marek's disease virus reveals independent paths to virulence in Eurasia and North America. *Evolutionary Applications*, **2017**, 10, 1091-1101	4.8	27
6	A Sars-Cov-2 Neutralizing Antibody Protects from Lung Pathology in a Covid-19 Hamster Model. *SSRN Electronic Journal*,	1	2
5	ACE2-Variants Indicate Potential SARS-CoV-2-Susceptibility in Animals: An Extensive Molecular Dynamics Study		6
4	Age-dependent progression of SARS-CoV-2 infection in Syrian hamsters		12

3	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
2	Longitudinal omics in Syrian hamsters integrated with human data unravel complexity of moderate immune responses to SARS-CoV-2	5
1	Multispecific DARPin therapeutics demonstrate very high potency against SARS-CoV-2 variants in vitro	4