

Luca D Bertzbach

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.

47
papers

686
citations

14
h-index

25
g-index

56
ext. papers

1,064
ext. citations

7.2
avg, IF

4.4
L-index

#	Paper	IF	Citations
47	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
46	Age-Dependent Progression of SARS-CoV-2 Infection in Syrian Hamsters. <i>Viruses</i> , 2020 , 12,	6.2	112
45	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
44	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
43	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
42	Latest Insights into Marek's Disease Virus Pathogenesis and Tumorigenesis. <i>Cancers</i> , 2020 , 12,	6.6	25
41	Unraveling the role of B cells in the pathogenesis of an oncogenic avian herpesvirus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 11603-11607	11.5	25
40	Marek's Disease Virus Infection of Natural Killer Cells. <i>Microorganisms</i> , 2019 , 7,	4.9	21
39	Artesunate-derived monomeric, dimeric and trimeric experimental drugs - Their unique mechanistic basis and pronounced antiherpesviral activity. <i>Antiviral Research</i> , 2018 , 152, 104-110	10.8	19
38	The Transcriptional Landscape of Marek's Disease Virus in Primary Chicken B Cells Reveals Novel Splice Variants and Genes. <i>Viruses</i> , 2019 , 11,	6.2	18
37	In vivo proof-of-concept for two experimental antiviral drugs, both directed to cellular targets, using a murine cytomegalovirus model. <i>Antiviral Research</i> , 2019 , 161, 63-69	10.8	16
36	Viral Factors Involved in Marek's Disease Virus (MDV) Pathogenesis. <i>Current Clinical Microbiology Reports</i> , 2018 , 5, 238-244	3.1	15
35	A SARS-CoV-2 neutralizing antibody protects from lung pathology in a COVID-19 hamster model 2020 ,		15
34	A Common Live-Attenuated Avian Herpesvirus Vaccine Expresses a Very Potent Oncogene. <i>MSphere</i> , 2019 , 4,	5	15
33	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
32	Age-dependent progression of SARS-CoV-2 infection in Syrian hamsters		12
31	IFN λ and IFN γ Impede Marek's Disease Progression. <i>Viruses</i> , 2019 , 11,	6.2	9

30	Combinatorial Drug Treatments Reveal Promising Anticytomegaloviral Profiles for Clinically Relevant Pharmaceutical Kinase Inhibitors (PKIs). <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	9
29	Acquiring Resistance Against a Retroviral Infection via CRISPR/Cas9 Targeted Genome Editing in a Commercial Chicken Line. <i>Frontiers in Genome Editing</i> , 2020 , 2, 3	2.5	8
28	Imaging Mass Spectrometry and Proteome Analysis of Marek's Disease Virus-Induced Tumors. <i>MSphere</i> , 2019 , 4,	5	8
27	Induction of DNA Damages upon Marek's Disease Virus Infection: Implication in Viral Replication and Pathogenesis. <i>Journal of Virology</i> , 2017 , 91,	6.6	7
26	Artesunate derivative TF27 inhibits replication and pathogenesis of an oncogenic avian alphaherpesvirus. <i>Antiviral Research</i> , 2019 , 171, 104606	10.8	7
25	Abrogation of Marek's disease virus replication using CRISPR/Cas9. <i>Scientific Reports</i> , 2020 , 10, 10919	4.9	7
24	The trimeric artesunate derivative TF27 exerts strong anti-cytomegaloviral efficacy: Focus on prophylactic efficacy and oral treatment of immunocompetent mice. <i>Antiviral Research</i> , 2020 , 178, 104788	10.8	7
23	Distinct polymorphisms in a single herpesvirus gene are capable of enhancing virulence and mediating vaccinal resistance. <i>PLoS Pathogens</i> , 2020 , 16, e1009104	7.6	5
22	The Role of Marek's Disease Virus UL12 and UL29 in DNA Recombination and the Virus Lifecycle. <i>Viruses</i> , 2019 , 11,	6.2	4
21	Mimicking the passage of avian influenza viruses through the gastrointestinal tract of chickens. <i>Veterinary Microbiology</i> , 2019 , 239, 108462	3.3	4
20	Animal Models in Human Adenovirus Research.. <i>Biology</i> , 2021 , 10,	4.9	4
19	The dominantly expressed class II molecule from a resistant MHC haplotype presents only a few Marek's disease virus peptides by using an unprecedented binding motif. <i>PLoS Biology</i> , 2021 , 19, e3001037	9.7	3
18	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
17	A Sars-Cov-2 Neutralizing Antibody Protects from Lung Pathology in a Covid-19 Hamster Model. <i>SSRN Electronic Journal</i> ,	1	2
16	A Genetically Engineered Commercial Chicken Line Is Resistant to Highly Pathogenic Avian Leukosis Virus Subgroup J. <i>Microorganisms</i> , 2021 , 9,	4.9	2
15	Applications of mass spectrometry imaging in virus research. <i>Advances in Virus Research</i> , 2021 , 109, 31-62	10.7	2
14	Differential Regulation of Cellular FAM111B by Human Adenovirus C Type 5 E1 Oncogenes. <i>Viruses</i> , 2021 , 13,	6.2	1
13	Marek's Disease Virus Virulence Genes Encode Circular RNAs.. <i>Journal of Virology</i> , 2022 , e0032122	6.6	1

12	E1B-55K is a phosphorylation-dependent transcriptional and post-transcriptional regulator of viral gene expression in HAdV-C5 infection.. <i>Journal of Virology</i> , 2022 , jvi0206221	6.6	o
11	Conserved E1B-55K SUMOylation in different human adenovirus species is a potent regulator of intracellular localization. <i>Journal of Virology</i> , 2021 , JVI0083821	6.6	o
10	Marek's disease virus prolongs survival of primary chicken B-cells by inducing a senescence-like phenotype. <i>PLoS Pathogens</i> , 2021 , 17, e1010006	7.6	o
9	The Marek's Disease Virus Unique Gene MDV082 Is Dispensable for Virus Replication but Contributes to a Rapid Disease Onset. <i>Journal of Virology</i> , 2021 , 95, e0013121	6.6	o
8	A Single Amino Acid Switch in the Adenoviral DNA Binding Protein Abrogates Replication Center Formation and Productive Viral Infection.. <i>MBio</i> , 2022 , e0014422	7.8	o
7	The importance of veterinary specialized generalists in biomedical research. <i>Research in Veterinary Science</i> , 2020 , 129, 185-186	2.5	
6	Distinct polymorphisms in a single herpesvirus gene are capable of enhancing virulence and mediating vaccinal resistance 2020 , 16, e1009104		
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