

Luca D Bertzbach

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2729303/publications.pdf>

Version: 2024-02-01

53
papers

1,311
citations

516561

16
h-index

414303

32
g-index

56
all docs

56
docs citations

56
times ranked

2436
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	13.5	305
2	Age-Dependent Progression of SARS-CoV-2 Infection in Syrian Hamsters. <i>Viruses</i> , 2020, 12, 779.	1.5	192
3	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.	2.9	76
4	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.	1.3	64
5	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.	1.4	62
6	Latest Insights into Marek's Disease Virus Pathogenesis and Tumorigenesis. <i>Cancers</i> , 2020, 12, 647.	1.7	54
7	Development of safe and highly protective live-attenuated SARS-CoV-2 vaccine candidates by genome recoding. <i>Cell Reports</i> , 2021, 36, 109493.	2.9	46
8	Marek's Disease Virus Infection of Natural Killer Cells. <i>Microorganisms</i> , 2019, 7, 588.	1.6	34
9	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.	3.3	32
10	The Transcriptional Landscape of Marek's Disease Virus in Primary Chicken B Cells Reveals Novel Splice Variants and Genes. <i>Viruses</i> , 2019, 11, 264.	1.5	29
11	Artesunate-derived monomeric, dimeric and trimeric experimental drugs – Their unique mechanistic basis and pronounced antiherpesviral activity. <i>Antiviral Research</i> , 2018, 152, 104-110.	1.9	26
12	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.	1.9	26
13	A Common Live-Attenuated Avian Herpesvirus Vaccine Expresses a Very Potent Oncogene. <i>MSphere</i> , 2019, 4, .	1.3	24
14	Combinatorial Drug Treatments Reveal Promising Anticytomegaloviral Profiles for Clinically Relevant Pharmaceutical Kinase Inhibitors (PKIs). <i>International Journal of Molecular Sciences</i> , 2021, 22, 575.	1.8	22
15	Distinct polymorphisms in a single herpesvirus gene are capable of enhancing virulence and mediating vaccinal resistance. <i>PLoS Pathogens</i> , 2020, 16, e1009104.	2.1	20
16	Viral Factors Involved in Marek's Disease Virus (MDV) Pathogenesis. <i>Current Clinical Microbiology Reports</i> , 2018, 5, 238-244.	1.8	19
17	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.	2.7	19
18	IFN α and IFN β Impede Marek's Disease Progression. <i>Viruses</i> , 2019, 11, 1103.	1.5	16

#	ARTICLE	IF	CITATIONS
19	Induction of DNA Damages upon Marek's Disease Virus Infection: Implication in Viral Replication and Pathogenesis. <i>Journal of Virology</i> , 2017, 91, .	1.5	15
20	Abrogation of Marek's disease virus replication using CRISPR/Cas9. <i>Scientific Reports</i> , 2020, 10, 10919.	1.6	15
21	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, e3001057.	2.6	14
22	Artesunate derivative TF27 inhibits replication and pathogenesis of an oncogenic avian alphaherpesvirus. <i>Antiviral Research</i> , 2019, 171, 104606.	1.9	12
23	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.	1.9	12
24	Animal Models in Human Adenovirus Research. <i>Biology</i> , 2021, 10, 1253.	1.3	12
25	Imaging Mass Spectrometry and Proteome Analysis of Marek's Disease Virus-Induced Tumors. <i>MSphere</i> , 2019, 4, .	1.3	11
26	Marek's Disease Virus Virulence Genes Encode Circular RNAs. <i>Journal of Virology</i> , 2022, 96, e0032122.	1.5	11
27	The Role of Marek's Disease Virus UL12 and UL29 in DNA Recombination and the Virus Lifecycle. <i>Viruses</i> , 2019, 11, 111.	1.5	10
28	Marek's Disease Virus Requires Both Copies of the Inverted Repeat Regions for Efficient In Vivo Replication and Pathogenesis. <i>Journal of Virology</i> , 2021, 95, .	1.5	10
29	A Genetically Engineered Commercial Chicken Line Is Resistant to Highly Pathogenic Avian Leukosis Virus Subgroup J. <i>Microorganisms</i> , 2021, 9, 1066.	1.6	10
30	Applications of mass spectrometry imaging in virus research. <i>Advances in Virus Research</i> , 2021, 109, 31-62.	0.9	9
31	Mimicking the passage of avian influenza viruses through the gastrointestinal tract of chickens. <i>Veterinary Microbiology</i> , 2019, 239, 108462.	0.8	8
32	Marek's disease virus prolongs survival of primary chicken B-cells by inducing a senescence-like phenotype. <i>PLoS Pathogens</i> , 2021, 17, e1010006.	2.1	6
33	E1B-55K Is a Phosphorylation-Dependent Transcriptional and Posttranscriptional Regulator of Viral Gene Expression in Human Adenovirus C5 Infection. <i>Journal of Virology</i> , 2022, 96, jvi0206221.	1.5	6
34	Protein-Protein Interactions Facilitate E4orf6-Dependent Regulation of E1B-55K SUMOylation in HAdV-C5 Infection. <i>Viruses</i> , 2022, 14, 463.	1.5	6
35	A Cell Culture System to Investigate Marek's Disease Virus Integration into Host Chromosomes. <i>Microorganisms</i> , 2021, 9, 2489.	1.6	5
36	A Single Amino Acid Switch in the Adenoviral DNA Binding Protein Abrogates Replication Center Formation and Productive Viral Infection. <i>MBio</i> , 2022, 13, e0014422.	1.8	5

#	ARTICLE	IF	CITATIONS
37	Differential Regulation of Cellular FAM111B by Human Adenovirus C Type 5 E1 Oncogenes. <i>Viruses</i> , 2021, 13, 1015.	1.5	4
38	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.	1.5	3
39	A Sars-Cov-2 Neutralizing Antibody Protects from Lung Pathology in a Covid-19 Hamster Model. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
40	Conserved E1B-55K SUMOylation in Different Human Adenovirus Species Is a Potent Regulator of Intracellular Localization. <i>Journal of Virology</i> , 2022, 96, JVI0083821.	1.5	3
41	The Diverse Major Histocompatibility Complex Haplotypes of a Common Commercial Chicken Line and Their Effect on Marek's Disease Virus Pathogenesis and Tumorigenesis. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	3
42	Lectin-Mediated Bacterial Modulation by the Intestinal Nematode <i>Ascaris suum</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 8739.	1.8	2
43	Development of Safe and Highly Protective Live-Attenuated SARS-CoV-2 Vaccine Candidates by Genome Recoding. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
44	Characterization of a Novel Viral Interleukin 8 (vIL-8) Splice Variant Encoded by Marek's Disease Virus. <i>Microorganisms</i> , 2021, 9, 1475.	1.6	1
45	The importance of veterinary specialized generalists in biomedical research. <i>Research in Veterinary Science</i> , 2020, 129, 185-186.	0.9	0
46	The Roborovski Dwarf Hamster "A Highly Susceptible Model for a Rapid and Fatal Course of SARS-CoV-2 Infection. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
47	Impact Factor != Impact: Lessons Learned from Research Evaluation. , 2020, , .		0
48	Title is missing!. , 2020, 16, e1009104.		0
49	Title is missing!. , 2020, 16, e1009104.		0
50	Title is missing!. , 2020, 16, e1009104.		0
51	Title is missing!. , 2020, 16, e1009104.		0
52	Title is missing!. , 2020, 16, e1009104.		0
53	Title is missing!. , 2020, 16, e1009104.		0