

Benedikt B Kaufer

List of Publications by Year in descending order

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Version: 2024-02-01

112
papers

3,215
citations

212478

28
h-index

214428

50
g-index

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all docs

121
docs citations

121
times ranked

2864
citing authors

#	ARTICLE	IF	CITATIONS
1	Visualization of Marek's Disease Virus Genomes in Living Cells during Lytic Replication and Latency. <i>Viruses</i> , 2022, 14, 287.	1.5	1
2	Rare isolation of human-tropic recombinant porcine endogenous retroviruses PERV-A/C from Göttingen minipigs. <i>Virology Journal</i> , 2022, 19, 30.	1.4	7
3	Effect of Insertion and Deletion in the Meq Protein Encoded by Highly Oncogenic Marek's Disease Virus on Transactivation Activity and Virulence. <i>Viruses</i> , 2022, 14, 382.	1.5	5
4	Virological Characterization of Pigs with Erythema Multiforme. <i>Microorganisms</i> , 2022, 10, 652.	1.6	5
5	Marek's Disease Virus Virulence Genes Encode Circular RNAs. <i>Journal of Virology</i> , 2022, 96, e0032122.	1.5	11
6	Selective inhibition of miRNA processing by a herpesvirus-encoded miRNA. <i>Nature</i> , 2022, 605, 539-544.	13.7	23
7	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
8	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
9	Evolutionary History of Endogenous Human Herpesvirus 6 Reflects Human Migration out of Africa. <i>Molecular Biology and Evolution</i> , 2021, 38, 96-107.	3.5	31
10	Applications of mass spectrometry imaging in virus research. <i>Advances in Virus Research</i> , 2021, 109, 31-62.	0.9	9
11	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
12	Left-handed DNA-PAINT for improved super-resolution imaging in the nucleus. <i>Nature Biotechnology</i> , 2021, 39, 551-554.	9.4	25
13	Higher-Order Chromatin Structures of Chromosomally Integrated HHV-6A Predict Integration Sites. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 612656.	1.8	2
14	Potential Differences in Cleavage of the S Protein and Type 1 Interferon Together Control Human Coronavirus Infection, Propagation, and Neuropathology within the Central Nervous System. <i>Journal of Virology</i> , 2021, 95, .	1.5	14
15	Cas9-expressing chickens and pigs as resources for genome editing in livestock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	22
16	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
17	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
18	Polysulfate hemmen durch elektrostatische Wechselwirkungen die SARS-CoV-2-Infektion**. <i>Angewandte Chemie</i> , 2021, 133, 16005-16014.	1.6	0

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19	Polysulfates Block SARS-CoV-2 Uptake through Electrostatic Interactions**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15870-15878.	7.2	49
20	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
21	Varicella-zoster virus early infection but not complete replication is required for the induction of chronic hypersensitivity in rat models of postherpetic neuralgia. <i>PLoS Pathogens</i> , 2021, 17, e1009689.	2.1	8
22	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
23	In vitro efficacy of Artemisia extracts against SARS-CoV-2. <i>Virology Journal</i> , 2021, 18, 182.	1.4	39
24	Inhibition of SARS-CoV-2 Replication by a Small Interfering RNA Targeting the Leader Sequence. <i>Viruses</i> , 2021, 13, 2030.	1.5	23
25	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
26	Development of a PROTAC-Based Targeting Strategy Provides a Mechanistically Unique Mode of Anti-Cytomegalovirus Activity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12858.	1.8	23
27	A Cell Culture System to Investigate Marek's Disease Virus Integration into Host Chromosomes. <i>Microorganisms</i> , 2021, 9, 2489.	1.6	5
28	Virological and Parasitological Characterization of Mini-LEWE Minipigs Using Improved Screening Methods and an Overview of Data on Various Minipig Breeds. <i>Microorganisms</i> , 2021, 9, 2617.	1.6	13
29	Marek's Disease Virus Modulates T Cell Proliferation via Activation of Cyclooxygenase 2-Dependent Prostaglandin E2. <i>Frontiers in Immunology</i> , 2021, 12, 801781.	2.2	6
30	Transmission of chromosomally integrated human herpes virus-6A via haploidentical stem cell transplantation poses a risk for virus reactivation and associated complications. <i>Bone Marrow Transplantation</i> , 2020, 55, 260-264.	1.3	2
31	The Promyelocytic Leukemia Protein facilitates human herpesvirus 6B chromosomal integration, immediate-early 1 protein multiSUMOylation and its localization at telomeres. <i>PLoS Pathogens</i> , 2020, 16, e1008683.	2.1	15
32	Unbiased optical mapping of telomere-integrated endogenous human herpesvirus 6. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31410-31416.	3.3	18
33	Role of DNA Methylation and CpG Sites in the Viral Telomerase RNA Promoter during Gallid Herpesvirus 2 Pathogenesis. <i>Journal of Virology</i> , 2020, 94, .	1.5	2
34	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
35	Latest Insights into Marek's Disease Virus Pathogenesis and Tumorigenesis. <i>Cancers</i> , 2020, 12, 647.	1.7	54
36	Abrogation of Marek's disease virus replication using CRISPR/Cas9. <i>Scientific Reports</i> , 2020, 10, 10919.	1.6	15

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37	Current understanding of human herpesvirus 6 (HHV-6) chromosomal integration. Antiviral Research, 2020, 176, 104720.	1.9	41
38	The trimeric artesunate derivative TF27 exerts strong anti-cytomegaloviral efficacy: Focus on prophylactic efficacy and oral treatment of immunocompetent mice. Antiviral Research, 2020, 178, 104788.	1.9	12
39	Role for the shelterin protein TRF2 in human herpesvirus 6A/B chromosomal integration. PLoS Pathogens, 2020, 16, e1008496.	2.1	11
40	Distinct polymorphisms in a single herpesvirus gene are capable of enhancing virulence and mediating vaccinal resistance. PLoS Pathogens, 2020, 16, e1009104.	2.1	20
41	Title is missing!. , 2020, 16, e1009104.		0
42	Title is missing!. , 2020, 16, e1009104.		0
43	Title is missing!. , 2020, 16, e1009104.		0
44	Title is missing!. , 2020, 16, e1009104.		0
45	Title is missing!. , 2020, 16, e1009104.		0
46	Title is missing!. , 2020, 16, e1009104.		0
47	Role for the shelterin protein TRF2 in human herpesvirus 6A/B chromosomal integration. , 2020, 16, e1008496.		0
48	Role for the shelterin protein TRF2 in human herpesvirus 6A/B chromosomal integration. , 2020, 16, e1008496.		0
49	Role for the shelterin protein TRF2 in human herpesvirus 6A/B chromosomal integration. , 2020, 16, e1008496.		0
50	Role for the shelterin protein TRF2 in human herpesvirus 6A/B chromosomal integration. , 2020, 16, e1008496.		0
51	Role for the shelterin protein TRF2 in human herpesvirus 6A/B chromosomal integration. , 2020, 16, e1008496.		0
52	Role for the shelterin protein TRF2 in human herpesvirus 6A/B chromosomal integration. , 2020, 16, e1008496.		0
53	Chromatin Profiles of Chromosomally Integrated Human Herpesvirus-6A. Frontiers in Microbiology, 2019, 10, 1408.	1.5	22
54	Artesunate derivative TF27 inhibits replication and pathogenesis of an oncogenic avian alphaherpesvirus. Antiviral Research, 2019, 171, 104606.	1.9	12

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55	LANA oligomeric architecture is essential for KSHV nuclear body formation and viral genome maintenance during latency. <i>PLoS Pathogens</i> , 2019, 15, e1007489.	2.1	30
56	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
57	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
58	Replication of Marek's Disease Virus Is Dependent on Synthesis of <i>De Novo</i> Fatty Acid and Prostaglandin E ₂ . <i>Journal of Virology</i> , 2019, 93, .	1.5	23
59	A Common Live-Attenuated Avian Herpesvirus Vaccine Expresses a Very Potent Oncogene. <i>MSphere</i> , 2019, 4, .	1.3	24
60	Marek's Disease Virus Infection of Natural Killer Cells. <i>Microorganisms</i> , 2019, 7, 588.	1.6	34
61	Comparative Analysis of Roseoloviruses in Humans, Pigs, Mice, and Other Species. <i>Viruses</i> , 2019, 11, 1108.	1.5	32
62	IFN α and IFN β Impede Marek's Disease Progression. <i>Viruses</i> , 2019, 11, 1103.	1.5	16
63	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
64	Imaging Mass Spectrometry and Proteome Analysis of Marek's Disease Virus-Induced Tumors. <i>MSphere</i> , 2019, 4, .	1.3	11
65	Overexpression of cellular telomerase RNA enhances virus-induced cancer formation. <i>Oncogene</i> , 2019, 38, 1778-1786.	2.6	16
66	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
67	Attenuation of Simian Varicella Virus Infection by Enhanced Green Fluorescent Protein in Rhesus Macaques. <i>Journal of Virology</i> , 2018, 92, .	1.5	5
68	Epstein-Barr virus-encoded RNAs (EBERs) complement the loss of Herpesvirus telomerase RNA (vTR) in virus-induced tumor formation. <i>Scientific Reports</i> , 2018, 8, 209.	1.6	17
69	Viral Proteins U41 and U70 of Human Herpesvirus 6A Are Dispensable for Telomere Integration. <i>Viruses</i> , 2018, 10, 656.	1.5	18
70	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
71	The ND10 Complex Represses Lytic Human Herpesvirus 6A Replication and Promotes Silencing of the Viral Genome. <i>Viruses</i> , 2018, 10, 401.	1.5	12
72	Viral Factors Involved in Marek's Disease Virus (MDV) Pathogenesis. <i>Current Clinical Microbiology Reports</i> , 2018, 5, 238-244.	1.8	19

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73	Cell Culture Systems To Study Human Herpesvirus 6A/B Chromosomal Integration. <i>Journal of Virology</i> , 2017, 91, .	1.5	30
74	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
75	Telomeres and Telomerase: Role in Marek's Disease Virus Pathogenesis, Integration and Tumorigenesis. <i>Viruses</i> , 2017, 9, 173.	1.5	20
76	Identification of the Receptor and Cellular Ortholog of the Marek's Disease Virus (MDV) CXC Chemokine. <i>Frontiers in Microbiology</i> , 2017, 8, 2543.	1.5	17
77	Varicella zoster virus glycoprotein C increases chemokine-mediated leukocyte migration. <i>PLoS Pathogens</i> , 2017, 13, e1006346.	2.1	19
78	Association of Marek's Disease induced immunosuppression with activation of a novel regulatory T cells in chickens. <i>PLoS Pathogens</i> , 2017, 13, e1006745.	2.1	43
79	Stabilization of Telomere G-Quadruplexes Interferes with Human Herpesvirus 6A Chromosomal Integration. <i>Journal of Virology</i> , 2017, 91, .	1.5	40
80	The Prolyl Isomerase Pin1 Promotes the Herpesvirus-Induced Phosphorylation-Dependent Disassembly of the Nuclear Lamina Required for Nucleocytoplasmic Egress. <i>PLoS Pathogens</i> , 2016, 12, e1005825.	2.1	43
81	Varicella zoster virus infection of human fetal lung cells alters mitochondrial morphology. <i>Journal of NeuroVirology</i> , 2016, 22, 674-682.	1.0	7
82	Generation of an Avian-Mammalian Rotavirus Reassortant by Using a Helper Virus-Dependent Reverse Genetics System. <i>Journal of Virology</i> , 2016, 90, 1439-1443.	1.5	36
83	The putative U94 integrase is dispensable for human herpesvirus 6 (HHV-6) chromosomal integration. <i>Journal of General Virology</i> , 2016, 97, 1899-1903.	1.3	35
84	The Telomeric Repeats of Human Herpesvirus 6A (HHV-6A) Are Required for Efficient Virus Integration. <i>PLoS Pathogens</i> , 2016, 12, e1005666.	2.1	58
85	Multiplex Real-Time PCR Assay for the Detection and Differentiation of Poxviruses and Poxvirus Vectors. <i>Applied Biosafety</i> , 2015, 20, 192-200.	0.2	4
86	Chromosomally integrated human herpesvirus 6 in heart failure: prevalence and treatment. <i>European Journal of Heart Failure</i> , 2015, 17, 9-19.	2.9	70
87	3D tissue-like assemblies: A novel approach to investigate virus-cell interactions. <i>Methods</i> , 2015, 90, 76-84.	1.9	19
88	In vitro model for lytic replication, latency, and transformation of an oncogenic alphaherpesvirus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7279-7284.	3.3	44
89	Characterization of human herpesvirus 6A/B U94 as ATPase, helicase, exonuclease and DNA-binding proteins. <i>Nucleic Acids Research</i> , 2015, 43, 6084-6098.	6.5	27
90	Herpesvirus Genome Integration into Telomeric Repeats of Host Cell Chromosomes. <i>Annual Review of Virology</i> , 2014, 1, 215-235.	3.0	59

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91	Role of the Short Telomeric Repeat Region in Marek's Disease Virus Replication, Genomic Integration, and Lymphomagenesis. <i>Journal of Virology</i> , 2014, 88, 14138-14147.	1.5	29
92	Chromosomally integrated HHV-6: impact on virus, cell and organismal biology. <i>Current Opinion in Virology</i> , 2014, 9, 111-118.	2.6	89
93	Elimination half-life of intravenously administered equine cardiac troponin I in healthy ponies. <i>Equine Veterinary Journal</i> , 2013, 45, 56-59.	0.9	23
94	BACs (Bacterial Artificial Chromosomes)., 2013, , 251-253.		0
95	Marek's disease virus (MDV) ubiquitin-specific protease (USP) performs critical functions beyond its enzymatic activity during virus replication. <i>Virology</i> , 2013, 437, 110-117.	1.1	9
96	Three-Dimensional Normal Human Neural Progenitor Tissue-Like Assemblies: A Model of Persistent Varicella-Zoster Virus Infection. <i>PLoS Pathogens</i> , 2013, 9, e1003512.	2.1	28
97	Detection of Integrated Herpesvirus Genomes by Fluorescence In Situ Hybridization (FISH). <i>Methods in Molecular Biology</i> , 2013, 1064, 141-152.	0.4	26
98	Fluorescently Tagged pUL47 of Marek's Disease Virus Reveals Differential Tissue Expression of the Tegument Protein In Vivo. <i>Journal of Virology</i> , 2012, 86, 2428-2436.	1.5	48
99	Viral Bacterial Artificial Chromosomes: Generation, Mutagenesis, and Removal of Mini-F Sequences. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-14.	3.0	60
100	Marek's Disease Viral Interleukin-8 Promotes Lymphoma Formation through Targeted Recruitment of B Cells and CD4 ⁺ CD25 ⁺ T Cells. <i>Journal of Virology</i> , 2012, 86, 8536-8545.	1.5	65
101	Simian varicella virus open reading frame 63/70 expression is required for efficient virus replication in culture. <i>Journal of NeuroVirology</i> , 2011, 17, 274-280.	1.0	7
102	Herpesvirus telomeric repeats facilitate genomic integration into host telomeres and mobilization of viral DNA during reactivation. <i>Journal of Experimental Medicine</i> , 2011, 208, 605-615.	4.2	97
103	Herpesvirus Telomerase RNA (vTR) with a Mutated Template Sequence Abrogates Herpesvirus-Induced Lymphomagenesis. <i>PLoS Pathogens</i> , 2011, 7, e1002333.	2.1	37
104	Varicella-zoster virus-induced apoptosis in MeWo cells is accompanied by down-regulation of Bcl-2 expression. <i>Journal of NeuroVirology</i> , 2010, 16, 133-140.	1.0	24
105	The Varicella-Zoster Virus ORFS/L (ORF0) Gene Is Required for Efficient Viral Replication and Contains an Element Involved in DNA Cleavage. <i>Journal of Virology</i> , 2010, 84, 11661-11669.	1.5	20
106	Herpesvirus Telomerase RNA(vTR)-Dependent Lymphoma Formation Does Not Require Interaction of vTR with Telomerase Reverse Transcriptase (TERT). <i>PLoS Pathogens</i> , 2010, 6, e1001073.	2.1	36
107	Analysis of the Herpesvirus Chemokine-binding Glycoprotein G Residues Essential for Chemokine Binding and Biological Activity. <i>Journal of Biological Chemistry</i> , 2009, 284, 5968-5976.	1.6	14
108	Enzymatically inactive US3 protein kinase of Marek's disease virus (MDV) is capable of depolymerizing F-actin but results in accumulation of virions in perinuclear invaginations and reduced virus growth. <i>Virology</i> , 2008, 375, 37-47.	1.1	31

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109	The carbohydrate recognition domain of Langerin reveals high structural similarity with the one of DC-SIGN but an additional, calcium-independent sugar-binding site. <i>Molecular Immunology</i> , 2008, 45, 1981-1994.	1.0	59
110	A herpesvirus ubiquitin-specific protease is critical for efficient T cell lymphoma formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20025-20030.	3.3	74
111	A Self-Excisable Infectious Bacterial Artificial Chromosome Clone of Varicella-Zoster Virus Allows Analysis of the Essential Tegument Protein Encoded by <i>ORF9</i> . <i>Journal of Virology</i> , 2007, 81, 13200-13208.	1.5	118
112	Two-step Red-mediated recombination for versatile high-efficiency markerless DNA manipulation in <i>Escherichia coli</i> . <i>BioTechniques</i> , 2006, 40, 191-197.	0.8	703