Adam Grundhoff

List of Publications by Year
in descending order

86 papers	4,992 citations	126708 33 h-index	98622 67 g-index
91 all docs	91 docs citations	91 times ranked	7433 citing authors

#	Article	IF	Citations
1	Integration of Sequencing and Epidemiologic Data for Surveillance of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Infections in a Tertiary-Care Hospital. Clinical Infectious Diseases, 2023, 76, e263-e273.	2.9	9
2	Dying of VOC-202012/01 â€" multimodal investigations in a death case of the SARS-CoV-2 variant. International Journal of Legal Medicine, 2022, 136, 193-202.	1.2	3
3	Comparing susceptibility and contagiousness in concurrent outbreaks with a non-VOC and the VOC SARS-CoV-2 variant B.1.1.7 in daycare centers in Hamburg, Germany. International Journal of Hygiene and Environmental Health, 2022, 240, 113928.	2.1	4
4	Molecular consequences of SARS-CoV-2 liver tropism. Nature Metabolism, 2022, 4, 310-319.	5.1	98
5	Osmotic Stress Interferes with DNA Damage Response and H2AX Phosphorylation in Human Keratinocytes. Cells, 2022, 11, 959.	1.8	3
6	Clinical Evaluation of a Fully-Automated High-Throughput Multiplex Screening-Assay to Detect and Differentiate the SARS-CoV-2 B.1.1.529 (Omicron) and B.1.617.2 (Delta) Lineage Variants. Viruses, 2022, 14, 608.	1.5	5
7	Merkel Cell Carcinoma and Immune Evasion: Merkel Cell Polyomavirus Small T-Antigenâ€'Induced Surface Changes Can Be Reverted by Therapeutic Intervention. Journal of Investigative Dermatology, 2022, 142, 3071-3081.e13.	0.3	4
8	Transcriptional behavior of the HIV-1 promoter in context of the BACH2 prominent proviral integration gene. Virus Research, 2021, 293, 198260.	1.1	3
9	SARS Coronavirus-2 variant tracing within the first Coronavirus Disease 19 clusters in northern Germany. Clinical Microbiology and Infection, 2021, 27, 130.e5-130.e8.	2.8	14
10	NK/ILC1 cells mediate neuroinflammation and brain pathology following congenital CMV infection. Journal of Experimental Medicine, 2021, 218, .	4.2	24
11	SARS-CoV-2 Reinfection in a Healthcare Worker Despite the Presence of Detectable Neutralizing Antibodies. Viruses, 2021, 13, 661.	1.5	27
12	Upregulation of HLA-F expression by BK polyomavirus infection induces immune recognition by KIR3DS1-positive natural killer cells. Kidney International, 2021, 99, 1140-1148.	2.6	9
13	Generation of hiPSC-derived low threshold mechanoreceptors containing axonal termini resembling bulbous sensory nerve endings and expressing Piezo1 and Piezo2. Stem Cell Research, 2021, 56, 102535.	0.3	4
14	Rapid Automated Screening for SARS-CoV-2 B.1.617 Lineage Variants (Delta/Kappa) through a Versatile Toolset of qPCR-Based SNP Detection. Diagnostics, 2021, 11, 1818.	1.3	12
15	The chromatin insulator CTCF regulates HPV18 transcript splicing and differentiation-dependent late gene expression. PLoS Pathogens, 2021, 17, e1010032.	2.1	13
16	Yersinia remodels epigenetic histone modifications in human macrophages. PLoS Pathogens, 2021, 17, e1010074.	2.1	3
17	Kaposiâ€™s Sarcoma-Associated Herpesvirus Lytic Replication Is Independent of Anaphase-Promoting Complex Activity. Journal of Virology, 2020, 94, .	1.5	1
18	Kaposiâ€™s Sarcoma-Associated Herpesvirus Reactivation by Targeting of a dCas9-Based Transcription Activator to the ORF50 Promoter. Viruses, 2020, 12, 952.	1.5	3

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19	High-resolution analysis of Merkel Cell Polyomavirus in Merkel Cell Carcinoma reveals distinct integration patterns and suggests NHEJ and MMBIR as underlying mechanisms. PLoS Pathogens, 2020, 16, e1008562.	2.1	24
20	Kaposiâ€™s Sarcoma-Associated Herpesvirus Drives a Super-Enhancer-Mediated Survival Gene Expression Program in Primary Effusion Lymphoma. MBio, 2020, 11, .	1.8	13
21	Merkel Cell Polyomavirus Encodes Circular RNAs (circRNAs) Enabling a Dynamic circRNA/microRNA/mRNA Regulatory Network. MBio, 2020, 11, .	1.8	31
22	Merkel Cell Polyomavirus DNA Replication Induces Senescence in Human Dermal Fibroblasts in a Kap1/Trim28-Dependent Manner. MBio, 2020, 11, .	1.8	15
23	Draft Genome Sequence of the Green Alga Scenedesmus acuminatus SAG 38.81. Microbiology Resource Announcements, 2020, 9, .	0.3	5
24	Complete Genome Sequence of a SARS-CoV-2 Strain Isolated in Northern Germany. Microbiology Resource Announcements, 2020, 9, .	0.3	23
25	Oncogenic Herpesvirus Engages Endothelial Transcription Factors SOX18 and PROX1 to Increase Viral Genome Copies and Virus Production. Cancer Research, 2020, 80, 3116-3129.	0.4	17
26	Cellular Importin-Î±3 Expression Dynamics in the Lung Regulate Antiviral Response Pathways against Influenza A Virus Infection. Cell Reports, 2020, 31, 107549.	2.9	11
27	The landscape of viral associations in human cancers. Nature Genetics, 2020, 52, 320-330.	9.4	261
28	Epigenetic control in Kaposi sarcoma-associated herpesvirus infection and associated disease. Seminars in Immunopathology, 2020, 42, 143-157.	2.8	24
29	The Ubiquitin-Specific Protease Usp7, a Novel Merkel Cell Polyomavirus Large T-Antigen Interaction Partner, Modulates Viral DNA Replication. Journal of Virology, 2020, 94, .	1.5	18
30	ANP32B Deficiency Protects Mice From Lethal Influenza A Virus Challenge by Dampening the Host Immune Response. Frontiers in Immunology, 2020, 11, 450.	2.2	12
31	SARSâ€CoVâ€2 outbreak investigation in a German meat processing plant. EMBO Molecular Medicine, 2020, 12, e13296.	3.3	137
32	EBV renders B cells susceptible to HIV-1 in humanized mice. Life Science Alliance, 2020, 3, e202000640.	1.3	22
33	A comparative epigenome analysis of gammaherpesviruses suggests cis-acting sequence features as critical mediators of rapid polycomb recruitment. PLoS Pathogens, 2019, 15, e1007838.	2.1	23
34	First Days in the Life of Naive Human B Lymphocytes Infected with Epstein-Barr Virus. MBio, 2019, 10, .	1.8	78
35	The acidic protein rich in leucines Anp32b is an immunomodulator of inflammation in mice. Scientific Reports, 2019, 9, 4853.	1.6	18
36	Piscine Orthoreovirus 3 Is Not the Causative Pathogen of Proliferative Darkening Syndrome (PDS) of Brown Trout (Salmo trutta fario). Viruses, 2019, 11, 112.	1.5	9

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37	Repression of Human Papillomavirus Oncogene Expression under Hypoxia Is Mediated by PI3K/mTORC2/AKT Signaling. MBio, 2019, 10, .	1.8	32
38	DAMIAN: an open source bioinformatics tool for fast, systematic and cohort based analysis of microorganisms in diagnostic samples. Scientific Reports, 2019, 9, 16841.	1.6	18
39	TDP-43 enhances translation of specific mRNAs linked to neurodegenerative disease. Nucleic Acids Research, 2019, 47, 341-361.	6.5	47
40	T-Cell Receptor Diversity and the Control of T-Cell Homeostasis Mark Ebola Virus Disease Survival in Humans. Journal of Infectious Diseases, 2018, 218, S508-S518.	1.9	25
41	Identification of virus-encoded microRNAs in divergent Papillomaviruses. PLoS Pathogens, 2018, 14, e1007156.	2.1	27
42	Generation of a novel next-generation sequencing-based method for the isolation of new human papillomavirus types. Virology, 2018, 520, 1-10.	1.1	25
43	BRD4 promotes p63 and GRHL3 expression downstream of FOXO in mammary epithelial cells. Nucleic Acids Research, 2017, 45, gkw1276.	6.5	22
44	Novel poly-uridine insertion in the 3â€²UTR and E2 amino acid substitutions in a low virulent classical swine fever virus. Veterinary Microbiology, 2017, 201, 103-112.	0.8	29
45	RNF40 regulates gene expression in an epigenetic context-dependent manner. Genome Biology, 2017, 18, 32.	3.8	41
46	Pregnancy-Related Immune Adaptation Promotes the Emergence of Highly Virulent H1N1 Influenza Virus Strains in Allogenically Pregnant Mice. Cell Host and Microbe, 2017, 21, 321-333.	5.1	63
47	Spontaneous lung metastasis formation of human Merkel cell carcinoma cell lines transplanted into scid mice. International Journal of Cancer, 2017, 141, 160-171.	2.3	14
48	Epigenetic manipulation of host chromatin by Kaposi sarcoma-associated herpesvirus: a tumor-promoting factor?. Current Opinion in Virology, 2017, 26, 104-111.	2.6	4
49	Persistent KSHV Infection Increases EBV-Associated Tumor Formation InÂVivo via Enhanced EBV Lytic Gene Expression. Cell Host and Microbe, 2017, 22, 61-73.e7.	5.1	102
50	Recovery of the first full-length genome sequence of a parapoxvirus directly from a clinical sample. Scientific Reports, 2017, 7, 3734.	1.6	48
51	Insights into Microalga and Bacteria Interactions of Selected Phycosphere Biofilms Using Metagenomic, Transcriptomic, and Proteomic Approaches. Frontiers in Microbiology, 2017, 8, 1941.	1.5	97
52	Successful retreatment of a patient with chronic hepatitis C genotype 2k/1b virus with ombitasvir/paritaprevir/ritonavir plus dasabuvir. Journal of Antimicrobial Chemotherapy, 2017, 72, dkw572.	1.3	1
53	Indication of Horizontal DNA Gene Transfer by Extracellular Vesicles. PLoS ONE, 2016, 11, e0163665.	1.1	82
54	Immunosuppressive Yersinia Effector YopM Binds DEAD Box Helicase DDX3 to Control Ribosomal S6 Kinase in the Nucleus of Host Cells. PLoS Pathogens, 2016, 12, e1005660.	2.1	31

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55	Presence of atypical porcine pestivirus (APPV) genomes in newborn piglets correlates with congenital tremor. Scientific Reports, 2016, 6, 27735.	1.6	113
56	A transplant â€œimmunomeâ€•screening platform defines a targetable epitope fingerprint of multiple myeloma. Blood, 2016, 127, 3202-3214.	0.6	7
57	Deep metagenome and metatranscriptome analyses of microbial communities affiliated with an industrial biogas fermenter, a cow rumen, and elephant feces reveal major differences in carbohydrate hydrolysis strategies. Biotechnology for Biofuels, 2016, 9, 121.	6.2	141
58	First report of Escherichia coli co-producing NDM-1 and OXA-232. Diagnostic Microbiology and Infectious Disease, 2016, 86, 437-438.	0.8	15
59	Investigation of Viral and Host Chromatin by ChIPâ€PCR or ChIPâ€Seq Analysis. Current Protocols in Microbiology, 2016, 40, 1E.10.1-1E.10.21.	6.5	9
60	Histone Chaperone SSRP1 is Essential for Wnt Signaling Pathway Activity During Osteoblast Differentiation. Stem Cells, 2016, 34, 1369-1376.	1.4	32
61	Directed evolution of a recombinase that excises the provirus of most HIV-1 primary isolates with high specificity. Nature Biotechnology, 2016, 34, 401-409.	9.4	108
62	Functional Dissection of an Alternatively Spliced Herpesvirus Gene by Splice Site Mutagenesis. Journal of Virology, 2016, 90, 4626-4636.	1.5	9
63	Replication of Merkel cell polyomavirus induces reorganization of promyelocytic leukemia nuclear bodies. Journal of General Virology, 2016, 97, 2926-2938.	1.3	12
64	A Comprehensive Analysis of Replicating Merkel Cell Polyomavirus Genomes Delineates the Viral Transcription Program and Suggests a Role for mcv-miR-M1 in Episomal Persistence. PLoS Pathogens, 2015, 11, e1004974.	2.1	64
65	Highly Divergent Hepaciviruses from African Cattle. Journal of Virology, 2015, 89, 5876-5882.	1.5	85
66	Evaluation of Unbiased Next-Generation Sequencing of RNA (RNA-seq) as a Diagnostic Method in Influenza Virus-Positive Respiratory Samples. Journal of Clinical Microbiology, 2015, 53, 2238-2250.	1.8	89
67	Generation of high-titre virus stocks using BrK.219, a B-cell line infected stably with recombinant Kaposi's sarcoma-associated herpesvirus. Journal of Virological Methods, 2015, 217, 79-86.	1.0	29
68	Identification of a Novel Hepacivirus in Domestic Cattle from Germany. Journal of Virology, 2015, 89, 7007-7015.	1.5	93
69	Complete Genome Sequence of Pig-Tailed Macaque Rhadinovirus 2 and Its Evolutionary Relationship with Rhesus Macaque Rhadinovirus and Human Herpesvirus 8/Kaposi's Sarcoma-Associated Herpesvirus. Journal of Virology, 2015, 89, 3888-3909.	1.5	16
70	Merkel cell polyomavirus, a highly prevalent virus with tumorigenic potential. Current Opinion in Virology, 2015, 14, 129-137.	2.6	33
71	In Vitro Replication Assay for Merkel Cell Polyomavirus (MCPyV). Current Protocols in Microbiology, 2015, 38, 14F.2.1-19.	6.5	5
72	Influence of ND10 Components on Epigenetic Determinants of Early KSHV Latency Establishment. PLoS Pathogens, 2014, 10, e1004274.	2.1	53

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73	Rapid Metagenomic Diagnostics for Suspected Outbreak of Severe Pneumonia. Emerging Infectious Diseases, 2014, 20, 1072-1075.	2.0	61
74	High-Affinity Rb Binding, p53 Inhibition, Subcellular Localization, and Transformation by Wild-Type or Tumor-Derived Shortened Merkel Cell Polyomavirus Large T Antigens. Journal of Virology, 2014, 88, 3144-3160.	1.5	108
75	Bromodomain Protein BRD4 Is Required for Estrogen Receptor-Dependent Enhancer Activation and Gene Transcription. Cell Reports, 2014, 8, 460-469.	2.9	149
76	A Comparative Metagenome Survey of the Fecal Microbiota of a Breast- and a Plant-Fed Asian Elephant Reveals an Unexpectedly High Diversity of Glycoside Hydrolase Family Enzymes. PLoS ONE, 2014, 9, e106707.	1.1	80
77	Highly Significant Antiviral Activity of HIV-1 LTR-Specific Tre-Recombinase in Humanized Mice. PLoS Pathogens, 2013, 9, e1003587.	2.1	55
78	A microRNA Encoded by Kaposi Sarcoma-Associated Herpesvirus Promotes B-Cell Expansion In Vivo. PLoS ONE, 2012, 7, e49435.	1.1	63
79	KSHV-Initiated Notch Activation Leads to Membrane-Type-1 Matrix Metalloproteinase-Dependent Lymphatic Endothelial-to-Mesenchymal Transition. Cell Host and Microbe, 2011, 10, 577-590.	5.1	123
80	Virus-encoded microRNAs. Virology, 2011, 411, 325-343.	1.1	363
81	Detection of Merkel cell polyomavirus (MCPyV) in Merkel cell carcinoma cell lines: Cell morphology and growth phenotype do not reflect presence of the virus. International Journal of Cancer, 2010, 126, 2133-2142.	2.3	52
82	The Epigenetic Landscape of Latent Kaposi Sarcoma-Associated Herpesvirus Genomes. PLoS Pathogens, 2010, 6, e1000935.	2.1	227
83	A combined computational and microarray-based approach identifies novel microRNAs encoded by human gamma-herpesviruses. Rna, 2006, 12, 733-750.	1.6	396
84	Inefficient establishment of KSHV latency suggests an additional role for continued lytic replication in Kaposi sarcoma pathogenesis. Journal of Clinical Investigation, 2004, 113, 124-136.	3.9	233
85	Inefficient establishment of KSHV latency suggests an additional role for continued lytic replication in Kaposi sarcoma pathogenesis. Journal of Clinical Investigation, 2004, 113, 124-136.	3.9	297
86	The Latency-Associated Nuclear Antigen of Kaposi's Sarcoma-Associated Herpesvirus Permits Replication of Terminal Repeat-Containing Plasmids. Journal of Virology, 2003, 77, 2779-2783.	1.5	141