

Nicole Fischer

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

2,368
citations

186265

28
h-index

233421

45
g-index

68
all docs

68
docs citations

68
times ranked

3588
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 outbreak investigation in a German meat processing plant. <i>EMBO Molecular Medicine</i> , 2020, 12, e13296.	6.9	137
2	Prevalence of human gammaretrovirus XMRV in sporadic prostate cancer. <i>Journal of Clinical Virology</i> , 2008, 43, 277-283.	3.1	128
3	Presence of atypical porcine pestivirus (APPV) genomes in newborn piglets correlates with congenital tremor. <i>Scientific Reports</i> , 2016, 6, 27735.	3.3	113
4	Multi-organ assessment in mainly non-hospitalized individuals after SARS-CoV-2 infection: The Hamburg City Health Study COVID programme. <i>European Heart Journal</i> , 2022, 43, 1124-1137.	2.2	111
5	High-Affinity Rb Binding, p53 Inhibition, Subcellular Localization, and Transformation by Wild-Type or Tumor-Derived Shortened Merkel Cell Polyomavirus Large T Antigens. <i>Journal of Virology</i> , 2014, 88, 3144-3160.	3.4	108
6	Molecular consequences of SARS-CoV-2 liver tropism. <i>Nature Metabolism</i> , 2022, 4, 310-319.	11.9	98
7	Identification of a Novel Hepacivirus in Domestic Cattle from Germany. <i>Journal of Virology</i> , 2015, 89, 7007-7015.	3.4	93
8	Evaluation of Unbiased Next-Generation Sequencing of RNA (RNA-seq) as a Diagnostic Method in Influenza Virus-Positive Respiratory Samples. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2238-2250.	3.9	89
9	Epidemiology, biology and therapy of Merkel cell carcinoma: conclusions from the EU project IMMOMECC. <i>Cancer Immunology, Immunotherapy</i> , 2018, 67, 341-351.	4.2	88
10	HEV-positive blood donations represent a relevant infection risk for immunosuppressed recipients. <i>Journal of Hepatology</i> , 2018, 69, 36-42.	3.7	80
11	Pathogenetic and Clinical Aspects of Anti-Neutrophil Cytoplasmic Autoantibody-Associated Vasculitides. <i>Frontiers in Immunology</i> , 2018, 9, 680.	4.8	76
12	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. <i>PLoS Pathogens</i> , 2015, 11, e1004974.	4.7	64
13	Pregnancy-Related Immune Adaptation Promotes the Emergence of Highly Virulent H1N1 Influenza Virus Strains in Allogeneically Pregnant Mice. <i>Cell Host and Microbe</i> , 2017, 21, 321-333.	11.0	63
14	Rapid Metagenomic Diagnostics for Suspected Outbreak of Severe Pneumonia. <i>Emerging Infectious Diseases</i> , 2014, 20, 1072-1075.	4.3	61
15	Clinical evaluation of a SARS-CoV-2 RT-PCR assay on a fully automated system for rapid on-demand testing in the hospital setting. <i>Journal of Clinical Virology</i> , 2020, 128, 104390.	3.1	56
16	Detection of Merkel cell polyomavirus (MCPyV) in Merkel cell carcinoma cell lines: Cell morphology and growth phenotype do not reflect presence of the virus. <i>International Journal of Cancer</i> , 2010, 126, 2133-2142.	5.1	52
17	Recovery of the first full-length genome sequence of a parapoxvirus directly from a clinical sample. <i>Scientific Reports</i> , 2017, 7, 3734.	3.3	48
18	Vertically transferred maternal immune cells promote neonatal immunity against early life infections. <i>Nature Communications</i> , 2021, 12, 4706.	12.8	44

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19	Host range and cellular tropism of the human exogenous gammaretrovirus XMRV. <i>Virology</i> , 2010, 399, 23-30.	2.4	42
20	Recommendations for the introduction of metagenomic high-throughput sequencing in clinical virology, part I: Wet lab procedure. <i>Journal of Clinical Virology</i> , 2021, 134, 104691.	3.1	42
21	Changes in the composition of the upper respiratory tract microbial community in granulomatosis with polyangiitis. <i>Journal of Autoimmunity</i> , 2019, 97, 29-39.	6.5	41
22	Recommendations for the introduction of metagenomic next-generation sequencing in clinical virology, part II: bioinformatic analysis and reporting. <i>Journal of Clinical Virology</i> , 2021, 138, 104812.	3.1	39
23	Xenotropic Murine Leukemia Virus-related Gammaretrovirus in Respiratory Tract. <i>Emerging Infectious Diseases</i> , 2010, 16, 1000-1002.	4.3	36
24	Close Relationship of Ruminant Pestiviruses and Classical Swine Fever Virus. <i>Emerging Infectious Diseases</i> , 2015, 21, 668-672.	4.3	36
25	Apobec 3G Efficiently Reduces Infectivity of the Human Exogenous Gammaretrovirus XMRV. <i>PLoS ONE</i> , 2010, 5, e11738.	2.5	35
26	Merkel cell polyomavirus, a highly prevalent virus with tumorigenic potential. <i>Current Opinion in Virology</i> , 2015, 14, 129-137.	5.4	33
27	Merkel Cell Polyomavirus Encodes Circular RNAs (circRNAs) Enabling a Dynamic circRNA/microRNA/mRNA Regulatory Network. <i>MBio</i> , 2020, 11, .	4.1	31
28	Novel poly-uridine insertion in the 3'UTR and E2 amino acid substitutions in a low virulent classical swine fever virus. <i>Veterinary Microbiology</i> , 2017, 201, 103-112.	1.9	29
29	Pushing beyond specifications: Evaluation of linearity and clinical performance of the cobas 6800/8800 SARS-CoV-2 RT-PCR assay for reliable quantification in blood and other materials outside recommendations. <i>Journal of Clinical Virology</i> , 2020, 132, 104650.	3.1	29
30	Benchmark of thirteen bioinformatic pipelines for metagenomic virus diagnostics using datasets from clinical samples. <i>Journal of Clinical Virology</i> , 2021, 141, 104908.	3.1	28
31	SARS-CoV-2 Reinfection in a Healthcare Worker Despite the Presence of Detectable Neutralizing Antibodies. <i>Viruses</i> , 2021, 13, 661.	3.3	27
32	Evaluation of a fully automated high-throughput SARS-CoV-2 multiplex qPCR assay with built-in screening functionality for del-HV69/70- and N501Y variants such as B.1.1.7. <i>Journal of Clinical Virology</i> , 2021, 141, 104894.	3.1	26
33	Generation of a novel next-generation sequencing-based method for the isolation of new human papillomavirus types. <i>Virology</i> , 2018, 520, 1-10.	2.4	25
34	Detection and Characterization of Circulating Tumor Cells in Patients with Merkel Cell Carcinoma. <i>Clinical Chemistry</i> , 2019, 65, 462-472.	3.2	24
35	High-resolution analysis of Merkel Cell Polyomavirus in Merkel Cell Carcinoma reveals distinct integration patterns and suggests NHEJ and MMBIR as underlying mechanisms. <i>PLoS Pathogens</i> , 2020, 16, e1008562.	4.7	24
36	Complete Genome Sequence of a SARS-CoV-2 Strain Isolated in Northern Germany. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	23

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37	Identification of a novel clade of group A rotaviruses in fatally diseased domestic pigeons in Europe. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 552-561.	3.0	21
38	DAMIAN: an open source bioinformatics tool for fast, systematic and cohort based analysis of microorganisms in diagnostic samples. <i>Scientific Reports</i> , 2019, 9, 16841.	3.3	18
39	The Ubiquitin-Specific Protease Usp7, a Novel Merkel Cell Polyomavirus Large T-Antigen Interaction Partner, Modulates Viral DNA Replication. <i>Journal of Virology</i> , 2020, 94, .	3.4	18
40	Infection-induced epigenetic changes and their impact on the pathogenesis of diseases. <i>Seminars in Immunopathology</i> , 2020, 42, 127-130.	6.1	18
41	No Detection of XMRV in Blood Samples and Tissue Sections from Prostate Cancer Patients in Northern Europe. <i>PLoS ONE</i> , 2011, 6, e25592.	2.5	17
42	An inter-laboratory study to investigate the impact of the bioinformatics component on microbiome analysis using mock communities. <i>Scientific Reports</i> , 2021, 11, 10590.	3.3	17
43	Merkel Cell Polyomavirus DNA Replication Induces Senescence in Human Dermal Fibroblasts in a Kap1/Trim28-Dependent Manner. <i>MBio</i> , 2020, 11, .	4.1	15
44	Suspected encephalitis with <i>Candida tropicalis</i> and <i>Fusarium</i> detected by unbiased RNA sequencing. <i>Annals of Hematology</i> , 2016, 95, 1919-1921.	1.8	14
45	Spontaneous lung metastasis formation of human Merkel cell carcinoma cell lines transplanted into scid mice. <i>International Journal of Cancer</i> , 2017, 141, 160-171.	5.1	14
46	SARS Coronavirus-2 variant tracing within the first Coronavirus Disease 19 clusters in northern Germany. <i>Clinical Microbiology and Infection</i> , 2021, 27, 130.e5-130.e8.	6.0	14
47	Rapid Automated Screening for SARS-CoV-2 B.1.617 Lineage Variants (Delta/Kappa) through a Versatile Toolset of qPCR-Based SNP Detection. <i>Diagnostics</i> , 2021, 11, 1818.	2.6	12
48	Replication of Merkel cell polyomavirus induces reorganization of promyelocytic leukemia nuclear bodies. <i>Journal of General Virology</i> , 2016, 97, 2926-2938.	2.9	12
49	XMRV Induces Cell Migration, Cytokine Expression and Tumor Angiogenesis: Are 22Rv1 Cells a Suitable Prostate Cancer Model?. <i>PLoS ONE</i> , 2012, 7, e42321.	2.5	11
50	Merkel cell polyomavirus detection in Merkel cell cancer tumors in Northern Germany using PCR and protein expression. <i>Journal of Medical Virology</i> , 2014, 86, 1813-1819.	5.0	10
51	Investigation of Viral and Host Chromatin by ChIPâ€PCR or ChIPâ€Seq Analysis. <i>Current Protocols in Microbiology</i> , 2016, 40, 1E.10.1-1E.10.21.	6.5	9
52	Piscine Orthoreovirus 3 Is Not the Causative Pathogen of Proliferative Darkening Syndrome (PDS) of Brown Trout (<i>Salmo trutta fario</i>). <i>Viruses</i> , 2019, 11, 112.	3.3	9
53	Upregulation of HLA-F expression by BK polyomavirus infection induces immune recognition by KIR3DS1-positive natural killer cells. <i>Kidney International</i> , 2021, 99, 1140-1148.	5.2	9
54	Major central nervous system complications after allogeneic stem cell transplantation: A large retrospective study on 888 consecutive adult patients. <i>European Journal of Haematology</i> , 2020, 105, 722-730.	2.2	5

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55	Strong Replication Interference Between Hepatitis Delta Viruses in Human Liver Chimeric Mice. <i>Frontiers in Microbiology</i> , 2021, 12, 671466.	3.5	5
56	In Vitro Replication Assay for Merkel Cell Polyomavirus (MCPyV). <i>Current Protocols in Microbiology</i> , 2015, 38, 14F.2.1-19.	6.5	5
57	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. <i>Viruses</i> , 2022, 14, 608.	3.3	5
58	High and Sustained Ex Vivo Frequency but Altered Phenotype of SARS-CoV-2-Specific CD4+ T-Cells in an Anti-CD20-Treated Patient with Prolonged COVID-19. <i>Viruses</i> , 2022, 14, 1265.	3.3	5
59	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. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 240, 113928.	4.3	4
60	Merkel Cell Carcinoma and Immune Evasion: Merkel Cell Polyomavirus Small T-Antigen-Induced Surface Changes Can Be Reverted by Therapeutic Intervention. <i>Journal of Investigative Dermatology</i> , 2022, 142, 3071-3081.e13.	0.7	4
61	Dying of VOC-202012/01 "multimodal investigations in a death case of the SARS-CoV-2 variant. <i>International Journal of Legal Medicine</i> , 2022, 136, 193-202.	2.2	3
62	In the Search of Marine Pestiviruses: First Case of Phocoena Pestivirus in a Belt Sea Harbour Porpoise. <i>Viruses</i> , 2022, 14, 161.	3.3	3
63	Clinical evaluation of a laboratory-developed quantitative BK virus-PCR assay using the cobas® omni Utility Channel. <i>Journal of Virological Methods</i> , 2021, 290, 114093.	2.1	2
64	Expanded Diversity and Host Range of Bovine Hepacivirus Genomic and Serological Evidence in Domestic and Wild Ruminant Species. <i>Viruses</i> , 2022, 14, 1457.	3.3	2
65	A resampling strategy for studying robustness in virus detection pipelines. <i>Computational Biology and Chemistry</i> , 2021, 94, 107555.	2.3	0