

Nicole Fischer

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

2,368
citations

186209

28
h-index

233338

45
g-index

68
all docs

68
docs citations

68
times ranked

3588
citing authors

#	ARTICLE	IF	CITATIONS
1	Dying of VOC-202012/01 "multimodal investigations in a death case of the SARS-CoV-2 variant. International Journal of Legal Medicine, 2022, 136, 193-202.	1.2	3
2	Multi-organ assessment in mainly non-hospitalized individuals after SARS-CoV-2 infection: The Hamburg City Health Study COVID programme. European Heart Journal, 2022, 43, 1124-1137.	1.0	111
3	In the Search of Marine Pestiviruses: First Case of Phocoena Pestivirus in a Belt Sea Harbour Porpoise. Viruses, 2022, 14, 161.	1.5	3
4	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
5	Molecular consequences of SARS-CoV-2 liver tropism. Nature Metabolism, 2022, 4, 310-319.	5.1	98
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-Antigen-Induced Surface Changes Can Be Reverted by Therapeutic Intervention. Journal of Investigative Dermatology, 2022, 142, 3071-3081.e13.	0.3	4
8	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. Viruses, 2022, 14, 1265.	1.5	5
9	Expanded Diversity and Host Range of Bovine Hepacivirus Genomic and Serological Evidence in Domestic and Wild Ruminant Species. Viruses, 2022, 14, 1457.	1.5	2
10	Recommendations for the introduction of metagenomic high-throughput sequencing in clinical virology, part I: Wet lab procedure. Journal of Clinical Virology, 2021, 134, 104691.	1.6	42
11	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
12	SARS-CoV-2 Reinfection in a Healthcare Worker Despite the Presence of Detectable Neutralizing Antibodies. Viruses, 2021, 13, 661.	1.5	27
13	Clinical evaluation of a laboratory-developed quantitative BK virus-PCR assay using the cobas® omni Utility Channel. Journal of Virological Methods, 2021, 290, 114093.	1.0	2
14	An inter-laboratory study to investigate the impact of the bioinformatics component on microbiome analysis using mock communities. Scientific Reports, 2021, 11, 10590.	1.6	17
15	Recommendations for the introduction of metagenomic next-generation sequencing in clinical virology, part II: bioinformatic analysis and reporting. Journal of Clinical Virology, 2021, 138, 104812.	1.6	39
16	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
17	Strong Replication Interference Between Hepatitis Delta Viruses in Human Liver Chimeric Mice. Frontiers in Microbiology, 2021, 12, 671466.	1.5	5
18	Benchmark of thirteen bioinformatic pipelines for metagenomic virus diagnostics using datasets from clinical samples. Journal of Clinical Virology, 2021, 141, 104908.	1.6	28

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19	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.	1.6	26
20	Vertically transferred maternal immune cells promote neonatal immunity against early life infections. <i>Nature Communications</i> , 2021, 12, 4706.	5.8	44
21	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.	1.3	12
22	A resampling strategy for studying robustness in virus detection pipelines. <i>Computational Biology and Chemistry</i> , 2021, 94, 107555.	1.1	0
23	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.	1.6	29
24	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.	1.1	5
25	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.	2.1	24
26	Merkel Cell Polyomavirus Encodes Circular RNAs (circRNAs) Enabling a Dynamic circRNA/microRNA/mRNA Regulatory Network. <i>MBio</i> , 2020, 11, .	1.8	31
27	Merkel Cell Polyomavirus DNA Replication Induces Senescence in Human Dermal Fibroblasts in a Kap1/Trim28-Dependent Manner. <i>MBio</i> , 2020, 11, .	1.8	15
28	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.	1.6	56
29	Complete Genome Sequence of a SARS-CoV-2 Strain Isolated in Northern Germany. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	23
30	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, .	1.5	18
31	Infection-induced epigenetic changes and their impact on the pathogenesis of diseases. <i>Seminars in Immunopathology</i> , 2020, 42, 127-130.	2.8	18
32	SARS-CoV-2 outbreak investigation in a German meat processing plant. <i>EMBO Molecular Medicine</i> , 2020, 12, e13296.	3.3	137
33	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.	1.5	9
34	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.	1.6	18
35	Changes in the composition of the upper respiratory tract microbial community in granulomatosis with polyangiitis. <i>Journal of Autoimmunity</i> , 2019, 97, 29-39.	3.0	41
36	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.	1.3	21

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37	Detection and Characterization of Circulating Tumor Cells in Patients with Merkel Cell Carcinoma. <i>Clinical Chemistry</i> , 2019, 65, 462-472.	1.5	24
38	HEV-positive blood donations represent a relevant infection risk for immunosuppressed recipients. <i>Journal of Hepatology</i> , 2018, 69, 36-42.	1.8	80
39	Epidemiology, biology and therapy of Merkel cell carcinoma: conclusions from the EU project IMMOMEK. <i>Cancer Immunology, Immunotherapy</i> , 2018, 67, 341-351.	2.0	88
40	Pathogenetic and Clinical Aspects of Anti-Neutrophil Cytoplasmic Autoantibody-Associated Vasculitides. <i>Frontiers in Immunology</i> , 2018, 9, 680.	2.2	76
41	Generation of a novel next-generation sequencing-based method for the isolation of new human papillomavirus types. <i>Virology</i> , 2018, 520, 1-10.	1.1	25
42	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.	0.8	29
43	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.	5.1	63
44	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.	2.3	14
45	Recovery of the first full-length genome sequence of a parapoxvirus directly from a clinical sample. <i>Scientific Reports</i> , 2017, 7, 3734.	1.6	48
46	Presence of atypical porcine pestivirus (APPV) genomes in newborn piglets correlates with congenital tremor. <i>Scientific Reports</i> , 2016, 6, 27735.	1.6	113
47	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.	0.8	14
48	Investigation of Viral and Host Chromatin by ChIP-PCR or ChIP-Seq Analysis. <i>Current Protocols in Microbiology</i> , 2016, 40, 1E.10.1-1E.10.21.	6.5	9
49	Replication of Merkel cell polyomavirus induces reorganization of promyelocytic leukemia nuclear bodies. <i>Journal of General Virology</i> , 2016, 97, 2926-2938.	1.3	12
50	Close Relationship of Ruminant Pestiviruses and Classical Swine Fever Virus. <i>Emerging Infectious Diseases</i> , 2015, 21, 668-672.	2.0	36
51	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.	2.1	64
52	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.	1.8	89
53	Identification of a Novel Hepacivirus in Domestic Cattle from Germany. <i>Journal of Virology</i> , 2015, 89, 7007-7015.	1.5	93
54	Merkel cell polyomavirus, a highly prevalent virus with tumorigenic potential. <i>Current Opinion in Virology</i> , 2015, 14, 129-137.	2.6	33

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55	In Vitro Replication Assay for Merkel Cell Polyomavirus (MCPyV). <i>Current Protocols in Microbiology</i> , 2015, 38, 14F.2.1-19.	6.5	5
56	Rapid Metagenomic Diagnostics for Suspected Outbreak of Severe Pneumonia. <i>Emerging Infectious Diseases</i> , 2014, 20, 1072-1075.	2.0	61
57	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.	2.5	10
58	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.	1.5	108
59	XMRV Induces Cell Migration, Cytokine Expression and Tumor Angiogenesis: Are 22Rv1 Cells a Suitable Prostate Cancer Model?. <i>PLoS ONE</i> , 2012, 7, e42321.	1.1	11
60	No Detection of XMRV in Blood Samples and Tissue Sections from Prostate Cancer Patients in Northern Europe. <i>PLoS ONE</i> , 2011, 6, e25592.	1.1	17
61	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.	2.3	52
62	Host range and cellular tropism of the human exogenous gammaretrovirus XMRV. <i>Virology</i> , 2010, 399, 23-30.	1.1	42
63	Xenotropic Murine Leukemia Virus-related Gammaretrovirus in Respiratory Tract. <i>Emerging Infectious Diseases</i> , 2010, 16, 1000-1002.	2.0	36
64	Apobec 3G Efficiently Reduces Infectivity of the Human Exogenous Gammaretrovirus XMRV. <i>PLoS ONE</i> , 2010, 5, e11738.	1.1	35
65	Prevalence of human gammaretrovirus XMRV in sporadic prostate cancer. <i>Journal of Clinical Virology</i> , 2008, 43, 277-283.	1.6	128