

Ruth Helmus Nissly

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

979
citations

758635

12
h-index

525886

27
g-index

50
all docs

50
docs citations

50
times ranked

2094
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple spillovers from humans and onward transmission of SARS-CoV-2 in white-tailed deer. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	164
2	Mitigating the Impact of Emerging Animal Infectious Disease Threats: First Emerging Animal Infectious Diseases Conference (EAIDC) Report. Viruses, 2022, 14, 947.	1.5	1
3	Characterization of a Novel Oncolytic Virus for Cancer Therapy. FASEB Journal, 2022, 36, .	0.2	0
4	Development and Validation of Indirect Enzyme-Linked Immunosorbent Assays for Detecting Antibodies to SARS-CoV-2 in Cattle, Swine, and Chicken. Viruses, 2022, 14, 1358.	1.5	2
5	Transmission history of SARS-CoV-2 in humans and white-tailed deer. Scientific Reports, 2022, 12, .	1.6	13
6	Genomic characterization of velogenic avian orthoavulavirus 1 isolates from poultry workers: Implications to emergence and its zoonotic potential towards public health. Asian Pacific Journal of Tropical Medicine, 2021, 14, 64.	0.4	1
7	Limited window for donation of convalescent plasma with high live-virus neutralizing antibody titers for COVID-19 immunotherapy. Communications Biology, 2021, 4, 267.	2.0	25
8	A Novel Real-Time PCR Assay for the Rapid Detection of Virulent Streptococcus equi Subspecies zooepidemicus An Emerging Pathogen of Swine. Frontiers in Veterinary Science, 2021, 8, 604675.	0.9	4
9	A Highly Sensitive and Specific Probe-Based Real-Time PCR for the Detection of Avibacterium paragallinarum in Clinical Samples From Poultry. Frontiers in Veterinary Science, 2021, 8, 609126.	0.9	6
10	Monoclonal Antibodies to S and N SARS-CoV-2 Proteins as Probes to Assess Structural and Antigenic Properties of Coronaviruses. Viruses, 2021, 13, 1899.	1.5	4
11	Computational prediction of the effect of amino acid changes on the binding affinity between SARS-CoV-2 spike RBD and human ACE2. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	61
12	Lyophilized, thermostable Spike or RBD immunogenic liposomes induce protective immunity against SARS-CoV-2 in mice. Science Advances, 2021, 7, eabj1476.	4.7	27
13	Influenza C and D viral load in cattle correlates with bovine respiratory disease (BRD): Emerging role of orthomyxoviruses in the pathogenesis of BRD. Virology, 2020, 551, 10-15.	1.1	19
14	SARS-CoV-2 RBD Neutralizing Antibody Induction is Enhanced by Particulate Vaccination. Advanced Materials, 2020, 32, e2005637.	11.1	74
15	Draft Genome Sequences of Two Virulent Streptococcus equi subsp. zooepidemicus Swine Isolates from Pennsylvania. Microbiology Resource Announcements, 2020, 9, .	0.3	2
16	Vaccines: SARS-CoV-2 RBD Neutralizing Antibody Induction is Enhanced by Particulate Vaccination (Adv.) Tj ETQq 0 0 rgBT /Overlo	11.1	74
17	NLRC5 Serves as a Pro-viral Factor During Influenza Virus Infection in Chicken Macrophages. Frontiers in Cellular and Infection Microbiology, 2020, 10, 230.	1.8	3
18	Complete Genome Sequences of Seven Avibacterium paragallinarum Isolates from Poultry Farms in Pennsylvania, USA. Microbiology Resource Announcements, 2020, 9, .	0.3	5

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19	Iminosugars With Endoplasmic Reticulum \pm -Glucosidase Inhibitor Activity Inhibit ZIKV Replication and Reverse Cytopathogenicity in vitro. <i>Frontiers in Microbiology</i> , 2020, 11, 531.	1.5	11
20	Convalescent plasma anti-“SARS-CoV-2 spike protein ectodomain and receptor-binding domain IgG correlate with virus neutralization. <i>Journal of Clinical Investigation</i> , 2020, 130, 6728-6738.	3.9	172
21	Heat shock protein 70 (Hsp70) mediates Zika virus entry, replication, and egress from host cells. <i>Emerging Microbes and Infections</i> , 2019, 8, 8-16.	3.0	67
22	A probe-based real-time PCR assay for the detection of <i>Neospora caninum</i> in clinical samples from cattle. <i>Veterinary Parasitology</i> , 2019, 269, 2-6.	0.7	10
23	Whole-Genome Sequences of 18 Bovine Alphaherpesvirus 1 Field Isolates from Pennsylvania and Minnesota. <i>Genome Announcements</i> , 2018, 6, .	0.8	0
24	Infectious dose-“dependent accumulation of live highly pathogenic avian influenza H5N1 virus in chicken skeletal muscle“implications for public health. <i>Zoonoses and Public Health</i> , 2018, 65, e243-e247.	0.9	0
25	Whole-Genome Sequence of Infectious Pancreatic Necrosis Virus Isolated from Farmed Brook Trout (<i>Salvelinus fontinalis</i>) in Pennsylvania. <i>Genome Announcements</i> , 2018, 6, .	0.8	7
26	Complete Genome Sequences of Four Bovine Coronavirus Isolates from Pennsylvania. <i>Genome Announcements</i> , 2018, 6, .	0.8	4
27	Complete Genome Sequences of Three Related Avian Avulavirus 1 Isolates from Poultry Farmers in Pakistan. <i>Genome Announcements</i> , 2018, 6, .	0.8	5
28	Whole-genome sequence analysis reveals unique SNP profiles to distinguish vaccine and wild-type strains of bovine herpesvirus-1 (BoHV-1). <i>Virology</i> , 2018, 522, 27-36.	1.1	7
29	Novel Flu Viruses in Bats and Cattle: “Pushing the Envelope“of Influenza Infection. <i>Veterinary Sciences</i> , 2018, 5, 71.	0.6	13
30	Avian and human influenza virus compatible sialic acid receptors in little brown bats. <i>Scientific Reports</i> , 2017, 7, 660.	1.6	18
31	Isolation, Characterization, and Purification of Macrophages from Tissues Affected by Obesity-related Inflammation. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	10
32	An immuno-chromatographic lateral flow assay (LFA) for rapid on-the-farm detection of classical swine fever virus (CSFV). <i>Archives of Virology</i> , 2017, 162, 3045-3050.	0.9	3
33	Co-expression of sialic acid receptors compatible with avian and human influenza virus binding in emus (<i>Dromaius novaehollandiae</i>). <i>Virology</i> , 2017, 500, 114-121.	1.1	4
34	Acoustofluidic Fluorescence Activated Cell Sorter. <i>Analytical Chemistry</i> , 2015, 87, 12051-12058.	3.2	76
35	Immunological Analyses of Whole Blood via “Microfluidic Drifting“-Based Flow Cytometric Chip. <i>Annals of Biomedical Engineering</i> , 2014, 42, 2303-2313.	1.3	14
36	Survival During Long-Term Starvation: Global Proteomics Analysis of <i>Geobacter sulfurreducens</i> under Prolonged Electron-Acceptor Limitation. <i>Journal of Proteome Research</i> , 2013, 12, 4316-4326.	1.8	19

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37	Growth advantage in stationary-phase (GASP) phenotype in long-term survival strains of <i>Geobacter sulfurreducens</i> . <i>FEMS Microbiology Ecology</i> , 2012, 79, 218-228.	1.3	15
38	Induction of Strong Anti-HIV Cellular Immunity by a Combination of <i>Clostridium Perfringens</i> Expressing HIV Gag and Virus Like Particles. <i>Current HIV Research</i> , 2011, 9, 613-622.	0.2	5
39	Induction of SIV p27-Specific Multifunctional T Cells in the Gut Following Prime-Boost Immunization with <i>Clostridium perfringens</i> and Adenovirus Vaccines Expressing SIV p27. <i>Current HIV Research</i> , 2010, 8, 101-112.	0.2	2
40	Use of a <i>Clostridium perfringens</i> vector to express high levels of SIV p27 protein for the development of an oral SIV vaccine. <i>Virology</i> , 2004, 329, 226-233.	1.1	11