

Ruth Helmus Nissly

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3881213/publications.pdf>

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	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
2	Multiple spillovers from humans and onward transmission of SARS-CoV-2 in white-tailed deer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	164
3	Acoustofluidic Fluorescence Activated Cell Sorter. <i>Analytical Chemistry</i> , 2015, 87, 12051-12058.	3.2	76
4	SARS-CoV-2 RBD Neutralizing Antibody Induction is Enhanced by Particulate Vaccination. <i>Advanced Materials</i> , 2020, 32, e2005637.	11.1	74
5	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
6	Computational prediction of the effect of amino acid changes on the binding affinity between SARS-CoV-2 spike RBD and human ACE2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	61
7	Lyophilized, thermostable Spike or RBD immunogenic liposomes induce protective immunity against SARS-CoV-2 in mice. <i>Science Advances</i> , 2021, 7, eabj1476.	4.7	27
8	Limited window for donation of convalescent plasma with high live-virus neutralizing antibody titers for COVID-19 immunotherapy. <i>Communications Biology</i> , 2021, 4, 267.	2.0	25
9	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
10	Influenza C and D viral load in cattle correlates with bovine respiratory disease (BRD): Emerging role of orthomyxoviruses in the pathogenesis of BRD. <i>Virology</i> , 2020, 551, 10-15.	1.1	19
11	Avian and human influenza virus compatible sialic acid receptors in little brown bats. <i>Scientific Reports</i> , 2017, 7, 660.	1.6	18
12	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
13	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
14	Novel Flu Viruses in Bats and Cattle: Pushing the Envelope of Influenza Infection. <i>Veterinary Sciences</i> , 2018, 5, 71.	0.6	13
15	Transmission history of SARS-CoV-2 in humans and white-tailed deer. <i>Scientific Reports</i> , 2022, 12, .	1.6	13
16	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
17	Iminosugars With Endoplasmic Reticulum β -Glucosidase Inhibitor Activity Inhibit ZIKV Replication and Reverse Cytopathogenicity in vitro. <i>Frontiers in Microbiology</i> , 2020, 11, 531.	1.5	11
18	Isolation, Characterization, and Purification of Macrophages from Tissues Affected by Obesity-related Inflammation. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	10

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	A Highly Sensitive and Specific Probe-Based Real-Time PCR for the Detection of <i>Avibacterium paragallinarum</i> in Clinical Samples From Poultry. <i>Frontiers in Veterinary Science</i> , 2021, 8, 609126.	0.9	6
23	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
24	Complete Genome Sequences of Three Related Avian Avulavirus 1 Isolates from Poultry Farmers in Pakistan. <i>Genome Announcements</i> , 2018, 6, .	0.8	5
25	Complete Genome Sequences of Seven <i>Avibacterium paragallinarum</i> Isolates from Poultry Farms in Pennsylvania, USA. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	5
26	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
27	Complete Genome Sequences of Four Bovine Coronavirus Isolates from Pennsylvania. <i>Genome Announcements</i> , 2018, 6, .	0.8	4
28	A Novel Real-Time PCR Assay for the Rapid Detection of Virulent <i>Streptococcus equi</i> Subspecies <i>zooepidemicus</i> —An Emerging Pathogen of Swine. <i>Frontiers in Veterinary Science</i> , 2021, 8, 604675.	0.9	4
29	Monoclonal Antibodies to S and N SARS-CoV-2 Proteins as Probes to Assess Structural and Antigenic Properties of Coronaviruses. <i>Viruses</i> , 2021, 13, 1899.	1.5	4
30	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
31	NLRC5 Serves as a Pro-viral Factor During Influenza Virus Infection in Chicken Macrophages. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 230.	1.8	3
32	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
33	Draft Genome Sequences of Two Virulent <i>Streptococcus equi</i> subsp. <i>zooepidemicus</i> Swine Isolates from Pennsylvania. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	2
34	Development and Validation of Indirect Enzyme-Linked Immunosorbent Assays for Detecting Antibodies to SARS-CoV-2 in Cattle, Swine, and Chicken. <i>Viruses</i> , 2022, 14, 1358.	1.5	2
35	Vaccines: SARS-CoV-2 RBD Neutralizing Antibody Induction is Enhanced by Particulate Vaccination (Adv.) <i>TJ ETQ</i> 11.1 1 0.784314 1	11.1	1
36	Genomic characterization of velogenic avian orthoavulavirus 1 isolates from poultry workers: Implications to emergence and its zoonotic potential towards public health. <i>Asian Pacific Journal of Tropical Medicine</i> , 2021, 14, 64.	0.4	1

#	ARTICLE	IF	CITATIONS
37	Mitigating the Impact of Emerging Animal Infectious Disease Threats: First Emerging Animal Infectious Diseases Conference (EAIDC) Report. <i>Viruses</i> , 2022, 14, 947.	1.5	1
38	Whole-Genome Sequences of 18 Bovine Alpha herpesvirus 1 Field Isolates from Pennsylvania and Minnesota. <i>Genome Announcements</i> , 2018, 6, .	0.8	0
39	Infectious doseâ€dependent accumulation of live highly pathogenic avian influenza H5N1 virus in chicken skeletal muscleâ€implications for public health. <i>Zoonoses and Public Health</i> , 2018, 65, e243-e247.	0.9	0
40	Characterization of a Novel Oncolytic Virus for Cancer Therapy. <i>FASEB Journal</i> , 2022, 36, .	0.2	0