Oran Erster

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9498375/publications.pdf

Version: 2024-02-01

49	957	516561 16	501076 28
papers	citations	h-index	g-index

54	54	54	1724
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Detection of SARS-CoV-2 variants by genomic analysis of wastewater samples in Israel. Science of the Total Environment, 2021, 789, 148002.	3.9	82
2	Regressing SARS-CoV-2 Sewage Measurements Onto COVID-19 Burden in the Population: A Proof-of-Concept for Quantitative Environmental Surveillance. Frontiers in Public Health, 2021, 9, 561710.	1.3	73
3	Elevation of free proline and proline-rich protein levels by simultaneous manipulations of proline biosynthesis and degradation in plants. Plant Science, 2011, 181, 140-150.	1.7	67
4	Characterization of bluetongue virus serotype 28. Transboundary and Emerging Diseases, 2020, 67, 171-182.	1.3	63
5	Site-specific targeting of antibody activity in vivo mediated by disease-associated proteases. Journal of Controlled Release, 2012, 161, 804-812.	4.8	54
6	Detection and isolation of Bluetongue virus from commercial vaccine batches. Vaccine, 2016, 34, 3317-3323.	1.7	49
7	Emerging Mosquito-Borne Threats and the Response from European and Eastern Mediterranean Countries. International Journal of Environmental Research and Public Health, 2018, 15, 2775.	1.2	45
8	Middle East respiratory syndrome coronavirus specific antibodies in naturally exposed Israeli llamas, alpacas and camels. One Health, 2018, 5, 65-68.	1.5	39
9	A high-resolution melting (HRM) assay for the differentiation between Israeli field and Neethling vaccine lumpy skin disease viruses. Journal of Virological Methods, 2016, 232, 12-15.	1.0	29
10	City-level SARS-CoV-2 sewage surveillance. Chemosphere, 2021, 283, 131194.	4.2	28
11	High-resolution melting (HRM) for genotyping bovine ephemeral fever virus (BEFV). Virus Research, 2017, 229, 1-8.	1.1	27
12	A Modified Inverse PCR Procedure for Insertion, Deletion, or Replacement of a DNA Fragment in a Target Sequence and Its Application in the Ligand Interaction Scan Method for Generation of Ligand-Regulated Proteins. Methods in Molecular Biology, 2010, 634, 157-174.	0.4	26
13	Effectiveness of BNT162b2 mRNA COVID-19 vaccine against SARS-CoV-2 variant Beta (B.1.351) among persons identified through contact tracing in Israel: A prospective cohort study. EClinicalMedicine, 2021, 42, 101190.	3.2	22
14	Ligand interaction scan: a general method for engineering ligand-sensitive protein alleles. Nature Methods, 2007, 4, 393-395.	9.0	21
15	Comprehensive Analyses of SARS-CoV-2 Transmission in a Public Health Virology Laboratory. Viruses, 2020, 12, 854.	1.5	21
16	Rapid and High-Throughput Reverse Transcriptase Quantitative PCR (RT-qPCR) Assay for Identification and Differentiation between SARS-CoV-2 Variants B.1.1.7 and B.1.351. Microbiology Spectrum, 2021, 9, e0050621.	1.2	19
17	Molecular detection of Babesia ovis in sheep and ticks using the gene encoding B. ovis surface protein D (BoSPD). Veterinary Parasitology, 2015, 214, 282-288.	0.7	18
18	Improved sensitivity, safety, and rapidity of COVID-19 tests by replacing viral storage solution with lysis buffer. PLoS ONE, 2021, 16, e0249149.	1.1	18

#	Article	IF	Citations
19	Transmission of Babesia ovis by different Rhipicephalus bursa developmental stages and infected blood injection. Ticks and Tick-borne Diseases, 2016, 7, 13-19.	1.1	17
20	Importance of the lumpy skin disease virus (LSDV) LSDV126 gene in differential diagnosis and epidemiology and its possible involvement in attenuation. Archives of Virology, 2019, 164, 2285-2295.	0.9	14
21	Comparative analysis of mitochondrial markers from four species of Rhipicephalus (Acari: Ixodidae). Veterinary Parasitology, 2013, 198, 364-370.	0.7	13
22	First detection of Sarcoptes scabiei from domesticated pig (Sus scrofa) and genetic characterization of S. scabiei from pet, farm and wild hosts in Israel. Experimental and Applied Acarology, 2015, 66, 605-612.	0.7	13
23	Molecular detection of Rickettsia bellii in Amblyomma rotundatum from imported red-footed tortoise (Chelonoides carbonaria). Ticks and Tick-borne Diseases, 2015, 6, 473-477.	1.1	13
24	Molecular characterization of the re-emerging West Nile virus in avian species and equids in Israel, 2018, and pathological description of the disease. Parasites and Vectors, 2020, 13, 528.	1.0	13
25	Monitoring of Enterovirus D68 Outbreak in Israel by a Parallel Clinical and Wastewater Based Surveillance. Viruses, 2022, 14, 1010.	1.5	13
26	The effect of ivermectin on the viral load and culture viability in early treatment of nonhospitalized patients with mild COVID-19 â€“ a double-blind, randomized placebo-controlled trial. International Journal of Infectious Diseases, 2022, 122, 733-740.	1.5	13
27	First detection of Ixodes ricinus on beef cattle in Israel. Veterinary Parasitology, 2013, 191, 394-399.	0.7	12
28	First Diagnosed Case of Camelpox Virus in Israel. Viruses, 2018, 10, 78.	1.5	10
29	Molecular characterization of six Hyalomma species using mitochondrial markers. Ticks and Tick-borne Diseases, 2019, 10, 911-917.	1.1	10
30	The role of mouthwash sampling in SARS-CoV-2 diagnosis. European Journal of Clinical Microbiology and Infectious Diseases, 2021, 40, 2199-2206.	1.3	10
31	Epidemiologic and phylogenetic analysis of the 2018 West Nile virus (WNV) outbreak in Israel demonstrates human infection of WNV lineage I. Eurosurveillance, 2019, 24, .	3.9	10
32	Cuticular fatty acid profile analysis of three Rhipicephalus tick species (Acari: Ixodidae). Experimental and Applied Acarology, 2013, 61, 481-489.	0.7	9
33	Specific Detection of SARS-CoV-2 Variants B.1.1.7 (Alpha) and B.1.617.2 (Delta) Using a One-Step Quantitative PCR Assay. Microbiology Spectrum, 2022, 10, e0217621.	1.2	9
34	Molecular characterization of Trichinella species from wild animals in Israel. Veterinary Parasitology, 2016, 231, 128-131.	0.7	8
35	Pathological and molecular characterisation of peste des petits ruminants in Nubian ibex (Capra) Tj ETQq1 1 0.784314 rgBT /Overlock	0.9	8
36	HiSpike Method for High-Throughput Cost Effective Sequencing of the SARS-CoV-2 Spike Gene. Frontiers in Medicine, 2021, 8, 798130.	1.2	7

#	Article	IF	Citations
37	Exposure of Horses in Israel to West Nile Virus and Usutu Virus. Viruses, 2020, 12, 1099.	1.5	6
38	Quantitative analysis of Babesia ovis infection in sheep and ticks. Veterinary Parasitology, 2016, 221, 39-45.	0.7	5
39	Effective bubble-based testing for SARS-CoV-2 using swab-pooling. Clinical Microbiology and Infection, 2022, 28, 859-864.	2.8	5
40	National Scale Real-Time Surveillance of SARS-CoV-2 Variants Dynamics by Wastewater Monitoring in Israel. Viruses, 2022, 14, 1229.	1.5	5
41	Genomic variation and epidemiology of SARS-CoV-2 importation and early circulation in Israel. PLoS ONE, 2021, 16, e0243265.	1.1	4
42	Ligand interaction scan (LIScan) in the study of ERK8. Biochemical and Biophysical Research Communications, 2010, 399, 37-41.	1.0	3
43	Coding-Complete Genome Sequences of Two SARS-CoV-2 Isolates from Early Manifestations of COVID-19 in Israel. Microbiology Resource Announcements, 2020, 9, .	0.3	2
44	West Nile virus neutralizing antibody prevalence in donkeys from northern Nigeria. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2021, 115, 566-568.	0.7	2
45	Prolonged detection of complete viral genomes demonstrated by SARS-CoV-2 sequencing of serial respiratory specimens. PLoS ONE, 2021, 16, e0255691.	1.1	2
46	Direct sequencing of measles virus complete genomes in the midst of a large-scale outbreak. PLoS ONE, 2021, 16, e0255663.	1.1	2
47	West Nile Virus in Common Wild Avian Species in Israel. Pathogens, 2022, 11, 107.	1.2	2
48	HBV-RNA, Quantitative HBsAg, Levels of HBV in Peripheral Lymphocytes and HBV Mutation Profiles in Chronic Hepatitis B. Viruses, 2022, 14, 584.	1.5	2
49	Virus Infection in Equine. Animals, 2022, 12, 957.	1.0	0