Timothy Devin Minogue

List of Publications by Year
in descending order

33	830	471509 17	526287 27
papers	citations	h-index	g-index

33	33	33	1693
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modeling the stability of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) on skin, currency, and clothing. PLoS Neglected Tropical Diseases, 2020, 14, e0008831.	3.0	109
2	FDA-ARGOS is a database with public quality-controlled reference genomes for diagnostic use and regulatory science. Nature Communications, 2019, 10, 3313.	12.8	101
3	African and Asian Zika Virus Isolates Display Phenotypic Differences Both In Vitro and In Vivo. American Journal of Tropical Medicine and Hygiene, 2018, 98, 432-444.	1.4	65
4	Development of a coronavirus disease 2019 nonhuman primate model using airborne exposure. PLoS ONE, 2021, 16, e0246366.	2.5	52
5	Circulating microRNA profiles of Ebola virus infection. Scientific Reports, 2016, 6, 24496.	3.3	50
6	Optimized microRNA purification from TRIzol-treated plasma. BMC Genomics, 2015, 16, 95.	2.8	43
7	Evaluation of Signature Erosion in Ebola Virus Due to Genomic Drift and Its Impact on the Performance of Diagnostic Assays. Viruses, 2015, 7, 3130-3154.	3.3	35
8	Virus-encoded miRNAs in Ebola virus disease. Scientific Reports, 2018, 8, 6480.	3.3	34
9	Targeted next-generation sequencing for the detection of ciprofloxacin resistance markers using molecular inversion probes. Scientific Reports, 2016, 6, 25904.	3.3	32
10	Comparison of Transcriptomic Platforms for Analysis of Whole Blood from Ebola-Infected Cynomolgus Macaques. Scientific Reports, 2017, 7, 14756.	3.3	32
11	Development and Evaluation of a Panel of Filovirus Sequence Capture Probes for Pathogen Detection by Next-Generation Sequencing. PLoS ONE, 2014, 9, e107007.	2.5	28
12	2018 Ebola virus disease outbreak in Ã‰quateur Province, Democratic Republic of the Congo: a retrospective genomic characterisation. Lancet Infectious Diseases, The, 2019, 19, 641-647.	9.1	27
13	Semi-quantitative MALDI-TOF for antimicrobial susceptibility testing in Staphylococcus aureus. PLoS ONE, 2017, 12, e0183899.	2.5	26
14	A conserved transcriptional response to intranasal Ebola virus exposure in nonhuman primates prior to onset of fever. Science Translational Medicine, 2018, 10, .	12.4	25
15	A highly multiplexed broad pathogen detection assay for infectious disease diagnostics. PLoS Neglected Tropical Diseases, 2018, 12, e0006889.	3.0	23
16	Next-Generation Sequencing for Biodefense: Biothreat Detection, Forensics, and the Clinic. Clinical Chemistry, 2019, 65, 383-392.	3.2	23
17	Sequence Optimized Real-Time Reverse Transcription Polymerase Chain Reaction Assay for Detection of Crimean-Congo Hemorrhagic Fever Virus. American Journal of Tropical Medicine and Hygiene, 2018, 98, 211-215.	1.4	18
18	Cross-Institute Evaluations of Inhibitor-Resistant PCR Reagents for Direct Testing of Aerosol and Blood Samples Containing Biological Warfare Agent DNA. Applied and Environmental Microbiology, 2014, 80, 1322-1329.	3.1	16

#	Article	IF	Citations
19	Magnetic Nanotrap Particles Preserve the Stability of Venezuelan Equine Encephalitis Virus in Blood for Laboratory Detection. Frontiers in Veterinary Science, 2019, 6, 509.	2.2	12
20	Comparison of Illumina and Oxford Nanopore Sequencing Technologies for Pathogen Detection from Clinical Matrices Using Molecular Inversion Probes. Journal of Molecular Diagnostics, 2022, 24, 395-405.	2.8	11
21	Rapid antibiotic susceptibility testing from blood culture bottles with species agnostic real-time polymerase chain reaction. PLoS ONE, 2018, 13, e0209042.	2.5	10
22	Detection of 16S rRNA and KPC Genes from Complex Matrix Utilizing a Molecular Inversion Probe Assay for Next-Generation Sequencing. Scientific Reports, 2018, 8, 2028.	3.3	9
23	Development of real-time PCR assays for specific detection of hmsH, hmsF, hmsR, and irp2 located within the 102-kb pgm locus of Yersinia pestis. Molecular and Cellular Probes, 2014, 28, 288-295.	2.1	7
24	Real-time reverse transcriptase polymerase chain reaction assays for Middle East Respiratory Syndrome. Molecular and Cellular Probes, 2015, 29, 511-513.	2.1	6
25	Targeted Next-Generation Sequencing for Diagnostics and Forensics. Clinical Chemistry, 2017, 63, 450-452.	3.2	6
26	Host response transcriptomic analysis of Crimean-Congo hemorrhagic fever pathogenesis in the cynomolgus macaque model. Scientific Reports, 2021, 11, 19807.	3.3	6
27	Diagnostic targETEd seQuencing adjudicaTion (DETEQT). Journal of Molecular Diagnostics, 2019, 21, 99-110.	2.8	5
28	Development of realâ€‰time PCR assays for the detection of Moraxella macacae associated with bloody nose syndrome in rhesus (Macaca mulatta) and cynomolgus (Macaca fascicularis) macaques. Journal of Medical Primatology, 2015, 44, 364-372.	0.6	4
29	Transcriptomic Analysis Reveals Host miRNAs Correlated with Immune Gene Dysregulation during Fatal Disease Progression in the Ebola Virus Cynomolgus Macaque Disease Model. Microorganisms, 2021, 9, 665.	3.6	4
30	Comparison of transcriptional responses between pathogenic and nonpathogenic hantavirus infections in Syrian hamsters using NanoString. PLoS Neglected Tropical Diseases, 2021, 15, e0009592.	3.0	4
31	Inactivation of West Nile virus in serum with heat, ionic detergent, and reducing agent for proteomic applications. Journal of Virological Methods, 2017, 248, 1-6.	2.1	3
32	Stabilization of biothreat diagnostic samples through vitrification matrices. Journal of Microbiological Methods, 2014, 101, 81-85.	1.6	2
33	Demonstration of the Preâ€“Emergency Use Authorization Path Using 3 Minor Groove Binderâ€“Hydrolysis Probe Assays to Detect Escherichia coli O104:H4. Clinical Chemistry, 2015, 61, 1391-1398.	3.2	2