

# Timothy Devin Minogue

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

830  
citations

471509

17  
h-index

526287

27  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1693  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Illumina and Oxford Nanopore Sequencing Technologies for Pathogen Detection from Clinical Matrices Using Molecular Inversion Probes. <i>Journal of Molecular Diagnostics</i> , 2022, 24, 395-405.	2.8	11
2	Development of a coronavirus disease 2019 nonhuman primate model using airborne exposure. <i>PLoS ONE</i> , 2021, 16, e0246366.	2.5	52
3	Transcriptomic Analysis Reveals Host miRNAs Correlated with Immune Gene Dysregulation during Fatal Disease Progression in the Ebola Virus Cynomolgus Macaque Disease Model. <i>Microorganisms</i> , 2021, 9, 665.	3.6	4
4	Comparison of transcriptional responses between pathogenic and nonpathogenic hantavirus infections in Syrian hamsters using NanoString. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009592.	3.0	4
5	Host response transcriptomic analysis of Crimean-Congo hemorrhagic fever pathogenesis in the cynomolgus macaque model. <i>Scientific Reports</i> , 2021, 11, 19807.	3.3	6
6	Modeling the stability of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) on skin, currency, and clothing. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008831.	3.0	109
7	FDA-ARGOS is a database with public quality-controlled reference genomes for diagnostic use and regulatory science. <i>Nature Communications</i> , 2019, 10, 3313.	12.8	101
8	2018 Ebola virus disease outbreak in Équateur Province, Democratic Republic of the Congo: a retrospective genomic characterisation. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 641-647.	9.1	27
9	Next-Generation Sequencing for Biodefense: Biothreat Detection, Forensics, and the Clinic. <i>Clinical Chemistry</i> , 2019, 65, 383-392.	3.2	23
10	Diagnostic targETEd seQuencing adjudicaTion (DETEQT). <i>Journal of Molecular Diagnostics</i> , 2019, 21, 99-110.	2.8	5
11	Magnetic Nanotrap Particles Preserve the Stability of Venezuelan Equine Encephalitis Virus in Blood for Laboratory Detection. <i>Frontiers in Veterinary Science</i> , 2019, 6, 509.	2.2	12
12	Detection of 16S rRNA and KPC Genes from Complex Matrix Utilizing a Molecular Inversion Probe Assay for Next-Generation Sequencing. <i>Scientific Reports</i> , 2018, 8, 2028.	3.3	9
13	Virus-encoded miRNAs in Ebola virus disease. <i>Scientific Reports</i> , 2018, 8, 6480.	3.3	34
14	A conserved transcriptional response to intranasal Ebola virus exposure in nonhuman primates prior to onset of fever. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	25
15	A highly multiplexed broad pathogen detection assay for infectious disease diagnostics. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006889.	3.0	23
16	Rapid antibiotic susceptibility testing from blood culture bottles with species agnostic real-time polymerase chain reaction. <i>PLoS ONE</i> , 2018, 13, e0209042.	2.5	10
17	Sequence Optimized Real-Time Reverse Transcription Polymerase Chain Reaction Assay for Detection of Crimean-Congo Hemorrhagic Fever Virus. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 211-215.	1.4	18
18	African and Asian Zika Virus Isolates Display Phenotypic Differences Both In Vitro and In Vivo. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 432-444.	1.4	65

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19	Targeted Next-Generation Sequencing for Diagnostics and Forensics. <i>Clinical Chemistry</i> , 2017, 63, 450-452.	3.2	6
20	Inactivation of West Nile virus in serum with heat, ionic detergent, and reducing agent for proteomic applications. <i>Journal of Virological Methods</i> , 2017, 248, 1-6.	2.1	3
21	Comparison of Transcriptomic Platforms for Analysis of Whole Blood from Ebola-Infected Cynomolgus Macaques. <i>Scientific Reports</i> , 2017, 7, 14756.	3.3	32
22	Semi-quantitative MALDI-TOF for antimicrobial susceptibility testing in <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2017, 12, e0183899.	2.5	26
23	Circulating microRNA profiles of Ebola virus infection. <i>Scientific Reports</i> , 2016, 6, 24496.	3.3	50
24	Targeted next-generation sequencing for the detection of ciprofloxacin resistance markers using molecular inversion probes. <i>Scientific Reports</i> , 2016, 6, 25904.	3.3	32
25	Development of real-time PCR assays for the detection of <i>Moraxella macacae</i> associated with bloody nose syndrome in rhesus ( <i>Macaca mulatta</i> ) and cynomolgus ( <i>Macaca fascicularis</i> ) macaques. <i>Journal of Medical Primatology</i> , 2015, 44, 364-372.	0.6	4
26	Evaluation of Signature Erosion in Ebola Virus Due to Genomic Drift and Its Impact on the Performance of Diagnostic Assays. <i>Viruses</i> , 2015, 7, 3130-3154.	3.3	35
27	Optimized microRNA purification from TRIzol-treated plasma. <i>BMC Genomics</i> , 2015, 16, 95.	2.8	43
28	Demonstration of the Pre-“Emergency Use Authorization Path Using 3 Minor Groove Binder” Hydrolysis Probe Assays to Detect <i>Escherichia coli</i> O104:H4. <i>Clinical Chemistry</i> , 2015, 61, 1391-1398.	3.2	2
29	Real-time reverse transcriptase polymerase chain reaction assays for Middle East Respiratory Syndrome. <i>Molecular and Cellular Probes</i> , 2015, 29, 511-513.	2.1	6
30	Development and Evaluation of a Panel of Filovirus Sequence Capture Probes for Pathogen Detection by Next-Generation Sequencing. <i>PLoS ONE</i> , 2014, 9, e107007.	2.5	28
31	Development of real-time PCR assays for specific detection of <i>hmsH</i> , <i>hmsF</i> , <i>hmsR</i> , and <i>irp2</i> located within the 102-kb <i>pgm</i> locus of <i>Yersinia pestis</i> . <i>Molecular and Cellular Probes</i> , 2014, 28, 288-295.	2.1	7
32	Cross-Institute Evaluations of Inhibitor-Resistant PCR Reagents for Direct Testing of Aerosol and Blood Samples Containing Biological Warfare Agent DNA. <i>Applied and Environmental Microbiology</i> , 2014, 80, 1322-1329.	3.1	16
33	Stabilization of biothreat diagnostic samples through vitrification matrices. <i>Journal of Microbiological Methods</i> , 2014, 101, 81-85.	1.6	2