

Steven Pullan

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

3,486
citations

279487

23
h-index

264894

42
g-index

52
all docs

52
docs citations

52
times ranked

6437
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiplex PCR method for MinION and Illumina sequencing of Zika and other virus genomes directly from clinical samples. <i>Nature Protocols</i> , 2017, 12, 1261-1276.	5.5	898
2	Genomic and epidemiological monitoring of yellow fever virus transmission potential. <i>Science</i> , 2018, 361, 894-899.	6.0	279
3	Metagenomic sequencing at the epicenter of the Nigeria 2018 Lassa fever outbreak. <i>Science</i> , 2019, 363, 74-77.	6.0	201
4	Uncovering the Genome-Wide Transcriptional Responses of the Filamentous Fungus <i>Aspergillus niger</i> to Lignocellulose Using RNA Sequencing. <i>PLoS Genetics</i> , 2012, 8, e1002875.	1.5	157
5	Dose-dependent response to infection with SARS-CoV-2 in the ferret model and evidence of protective immunity. <i>Nature Communications</i> , 2021, 12, 81.	5.8	141
6	Nitric Oxide in Chemostat-Cultured <i>Escherichia coli</i> Is Sensed by Fnr and Other Global Regulators: Unaltered Methionine Biosynthesis Indicates Lack of S Nitrosation. <i>Journal of Bacteriology</i> , 2007, 189, 1845-1855.	1.0	132
7	Genome-wide analysis of the role of GlnR in <i>Streptomyces venezuelae</i> provides new insights into global nitrogen regulation in actinomycetes. <i>BMC Genomics</i> , 2011, 12, 175.	1.2	127
8	Metagenomic Nanopore Sequencing of Influenza Virus Direct from Clinical Respiratory Samples. <i>Journal of Clinical Microbiology</i> , 2019, 58, .	1.8	121
9	Exploring fungal biodiversity: organic acid production by 66 strains of filamentous fungi. <i>Fungal Biology and Biotechnology</i> , 2014, 1, 1-14.	2.5	119
10	A Human Bi-specific Antibody against Zika Virus with High Therapeutic Potential. <i>Cell</i> , 2017, 171, 229-241.e15.	13.5	118
11	Transcriptional Responses of <i>Escherichia coli</i> to S-Nitrosoglutathione under Defined Chemostat Conditions Reveal Major Changes in Methionine Biosynthesis. <i>Journal of Biological Chemistry</i> , 2005, 280, 10065-10072.	1.6	113
12	Resurgence of Ebola virus in 2021 in Guinea suggests a new paradigm for outbreaks. <i>Nature</i> , 2021, 597, 539-543.	13.7	113
13	The role of carbon starvation in the induction of enzymes that degrade plant-derived carbohydrates in <i>Aspergillus niger</i> . <i>Fungal Genetics and Biology</i> , 2014, 72, 34-47.	0.9	95
14	Genome-wide transcriptional response of <i>Trichoderma reesei</i> to lignocellulose using RNA sequencing and comparison with <i>Aspergillus niger</i> . <i>BMC Genomics</i> , 2013, 14, 541.	1.2	86
15	Assessment of metagenomic Nanopore and Illumina sequencing for recovering whole genome sequences of chikungunya and dengue viruses directly from clinical samples. <i>Eurosurveillance</i> , 2018, 23, .	3.9	85
16	Tick-Borne Encephalitis Virus, United Kingdom. <i>Emerging Infectious Diseases</i> , 2020, 26, 90-96.	2.0	82
17	Detection of Viral Pathogens With Multiplex Nanopore MinION Sequencing: Be Careful With Cross-Talk. <i>Frontiers in Microbiology</i> , 2018, 9, 2225.	1.5	75
18	Transcriptional landscape of <i>Aspergillus niger</i> at breaking of conidial dormancy revealed by RNA-sequencing. <i>BMC Genomics</i> , 2013, 14, 246.	1.2	54

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19	Detection of new endemic focus of tick-borne encephalitis virus (TBEV), Hampshire/Dorset border, England, September 2019. <i>Eurosurveillance</i> , 2019, 24, .	3.9	46
20	RNA-sequencing reveals the complexities of the transcriptional response to lignocellulosic biofuel substrates in <i>Aspergillus niger</i> . <i>Fungal Biology and Biotechnology</i> , 2014, 1, 3.	2.5	41
21	A novel metallo- β -lactamase, Mbl1b, produced by the environmental bacterium <i>Caulobacter crescentus</i> 1. <i>FEBS Letters</i> , 2001, 509, 350-354.	1.3	31
22	Metagenomic identification of a new sarbecovirus from horseshoe bats in Europe. <i>Scientific Reports</i> , 2021, 11, 14723.	1.6	31
23	<i>Mycobacterium tuberculosis</i> Is Resistant to Isoniazid at a Slow Growth Rate by Single Nucleotide Polymorphisms in <i>katG</i> Codon Ser315. <i>PLoS ONE</i> , 2015, 10, e0138253.	1.1	29
24	Whole Genome Analysis of Injectional Anthrax Identifies Two Disease Clusters Spanning More Than 13 Years. <i>EBioMedicine</i> , 2015, 2, 1613-1618.	2.7	27
25	Development of an Unmarked Gene Deletion System for the Filamentous Fungi <i>Aspergillus niger</i> and <i>Talaromyces versatilis</i> . <i>Applied and Environmental Microbiology</i> , 2014, 80, 3484-3487.	1.4	22
26	Isolation of Oropouche Virus from Febrile Patient, Ecuador. <i>Emerging Infectious Diseases</i> , 2018, 24, 935-937.	2.0	21
27	Microbial Responses to Nitric Oxide and Nitrosative Stress: Growth, α -Omic, and Physiological Methods. <i>Methods in Enzymology</i> , 2008, 437, 499-519.	0.4	18
28	Expression of <i>Aspergillus niger</i> CAZymes is determined by compositional changes in wheat straw generated by hydrothermal or ionic liquid pretreatments. <i>Biotechnology for Biofuels</i> , 2017, 10, 35.	6.2	18
29	Evolutionary Dynamics of Oropouche Virus in South America. <i>Journal of Virology</i> , 2020, 94, .	1.5	17
30	Nanopore metagenomic sequencing of influenza virus directly from respiratory samples: diagnosis, drug resistance and nosocomial transmission, United Kingdom, 2018/19 influenza season. <i>Eurosurveillance</i> , 2021, 26, .	3.9	17
31	Complete Genome Sequence of Zika Virus Isolated from Semen. <i>Genome Announcements</i> , 2016, 4, .	0.8	16
32	The Effect of Nucleic Acid Extraction Platforms and Sample Storage on the Integrity of Viral RNA for Use in Whole Genome Sequencing. <i>Journal of Molecular Diagnostics</i> , 2017, 19, 303-312.	1.2	15
33	Nanopore metagenomic sequencing to investigate nosocomial transmission of human metapneumovirus from a unique genetic group among haematology patients in the United Kingdom. <i>Journal of Infection</i> , 2020, 80, 571-577.	1.7	15
34	The effect of growth rate on pyrazinamide activity in <i>Mycobacterium tuberculosis</i> - insights for early bactericidal activity?. <i>BMC Infectious Diseases</i> , 2016, 16, 205.	1.3	13
35	α -Kankasha in Kassala: A prospective observational cohort study of the clinical characteristics, epidemiology, genetic origin, and chronic impact of the 2018 epidemic of Chikungunya virus infection in Kassala, Sudan. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009387.	1.3	13
36	Detection of Crimean-Congo Haemorrhagic Fever cases in a severe undifferentiated febrile illness outbreak in the Federal Republic of Sudan: A retrospective epidemiological and diagnostic cohort study. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007571.	1.3	10

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37	Oropouche virus cases identified in Ecuador using an optimised qRT-PCR informed by metagenomic sequencing. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007897.	1.3	10
38	Whole-genome sequencing investigation of animal-skin-drum-associated UK anthrax cases reveals evidence of mixed populations and relatedness to a US case. <i>Microbial Genomics</i> , 2015, 1, e000039.	1.0	9
39	First Complete Genome Sequences of Zika Virus Isolated from Febrile Patient Sera in Ecuador. <i>Genome Announcements</i> , 2017, 5, .	0.8	5
40	Succession of physiological stages hallmarks the transcriptomic response of the fungus <i>Aspergillus niger</i> to lignocellulose. <i>Biotechnology for Biofuels</i> , 2020, 13, 69.	6.2	4
41	Complete Genome Sequence of Seoul Virus Strain Tchoupitoulas. <i>Genome Announcements</i> , 2016, 4, .	0.8	3
42	Rhombencephalitis and Myeloradiculitis Caused by a European Subtype of Tick-Borne Encephalitis Virus. <i>Emerging Infectious Diseases</i> , 2019, 25, 2317-2319.	2.0	2
43	Closed Genome Sequence Obtained Using Hybrid Nanopore/Illumina Assembly of a <i>Bacillus anthracis</i> Isolate from an Animal-Skin-Drum-Associated Anthrax Case in the United Kingdom. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.3	0