

Justin O'Grady

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

6,765
citations

101543

36
h-index

74163

75
g-index

104
all docs

104
docs citations

104
times ranked

10930
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Metagenomic Sequencing for Species Identification and Antimicrobial Resistance Prediction in Orthopedic Device Infection. <i>Journal of Clinical Microbiology</i> , 2022, 60, e0215621.	3.9	18
2	Microbiomes of Urine and the Prostate Are Linked to Human Prostate Cancer Risk Groups. <i>European Urology Oncology</i> , 2022, 5, 412-419.	5.4	21
3	Dynamics of <i>Salmonella enterica</i> and antimicrobial resistance in the Brazilian poultry industry and global impacts on public health. <i>PLoS Genetics</i> , 2022, 18, e1010174.	3.5	13
4	CoronaHiT: high-throughput sequencing of SARS-CoV-2 genomes. <i>Genome Medicine</i> , 2021, 13, 21.	8.2	94
5	Rapid metagenomics for diagnosis of bloodstream and respiratory tract nosocomial infections: current status and future prospects. <i>Expert Review of Molecular Diagnostics</i> , 2021, 21, 371-380.	3.1	10
6	Large-scale sequencing of SARS-CoV-2 genomes from one region allows detailed epidemiology and enables local outbreak management. <i>Microbial Genomics</i> , 2021, 7, .	2.0	31
7	Genomic diversity of <i>Escherichia coli</i> from healthy children in rural Gambia. <i>PeerJ</i> , 2021, 9, e10572.	2.0	9
8	Genomic diversity of <i>Escherichia coli</i> isolates from backyard chickens and guinea fowl in the Gambia. <i>Microbial Genomics</i> , 2021, 7, .	2.0	13
9	A year of genomic surveillance reveals how the SARS-CoV-2 pandemic unfolded in Africa. <i>Science</i> , 2021, 374, 423-431.	12.6	144
10	Prospective Evaluation of a Rapid Clinical Metagenomics Test for Bacterial Pneumonia. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 684965.	3.9	14
11	Exponential growth, high prevalence of SARS-CoV-2, and vaccine effectiveness associated with the Delta variant. <i>Science</i> , 2021, 374, eabl9551.	12.6	111
12	Evaluating the potential for respiratory metagenomics to improve treatment of secondary infection and detection of nosocomial transmission on expanded COVID-19 intensive care units. <i>Genome Medicine</i> , 2021, 13, 182.	8.2	32
13	Rapid and Point-of-Care Testing in Respiratory Tract Infections: An Antibiotic Guardian?. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 401-417.	4.9	17
14	Preliminary evaluation of a rapid lateral flow calprotectin test for the diagnosis of prosthetic joint infection. <i>Bone and Joint Research</i> , 2020, 9, 202-210.	3.6	15
15	Rapid inference of antibiotic resistance and susceptibility by genomic neighbour typing. <i>Nature Microbiology</i> , 2020, 5, 455-464.	13.3	74
16	Optimizing DNA Extraction Methods for Nanopore Sequencing of <i>Neisseria gonorrhoeae</i> Directly from Urine Samples. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	33
17	Co-infections: potentially lethal and unexplored in COVID-19. <i>Lancet Microbe</i> , The, 2020, 1, e11.	7.3	279
18	Genomic diversity of <i>Escherichia coli</i> isolates from non-human primates in the Gambia. <i>Microbial Genomics</i> , 2020, 6, .	2.0	12

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19	Integrating informatics tools and portable sequencing technology for rapid detection of resistance to anti-tuberculous drugs. <i>Genome Medicine</i> , 2019, 11, 41.	8.2	248
20	Nanopore metagenomics enables rapid clinical diagnosis of bacterial lower respiratory infection. <i>Nature Biotechnology</i> , 2019, 37, 783-792.	17.5	396
21	Recent and emerging technologies for the rapid diagnosis of infection and antimicrobial resistance. <i>Current Opinion in Microbiology</i> , 2019, 51, 39-45.	5.1	66
22	A powerful, non-invasive test to rule out infection. <i>Nature Microbiology</i> , 2019, 4, 554-555.	13.3	13
23	Metagenomic identification of severe pneumonia pathogens in mechanically-ventilated patients: a feasibility and clinical validity study. <i>Respiratory Research</i> , 2019, 20, 265.	3.6	66
24	Applying clinical metagenomics for the detection and characterisation of respiratory infections. , 2019, , 35-49.		3
25	Nanopore sequencing and assembly of a human genome with ultra-long reads. <i>Nature Biotechnology</i> , 2018, 36, 338-345.	17.5	1,443
26	The challenges of designing a benchmark strategy for bioinformatics pipelines in the identification of antimicrobial resistance determinants using next generation sequencing technologies. <i>F1000Research</i> , 2018, 7, 459.	1.6	31
27	Leprosy at the edge of Europeâ€™Biomolecular, isotopic and osteoarchaeological findings from medieval Ireland. <i>PLoS ONE</i> , 2018, 13, e0209495.	2.5	13
28	The challenges of designing a benchmark strategy for bioinformatics pipelines in the identification of antimicrobial resistance determinants using next generation sequencing technologies. <i>F1000Research</i> , 2018, 7, 459.	1.6	24
29	Genomic Diversity in <i>Salmonella enterica</i> . , 2017, , 91-107.		3
30	Diagnosing antimicrobial resistance. <i>Nature Reviews Microbiology</i> , 2017, 15, 697-703.	28.6	137
31	Identification of bacterial pathogens and antimicrobial resistance directly from clinical urines by nanopore-based metagenomic sequencing. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 104-114.	3.0	296
32	MinION Analysis and Reference Consortium: Phase 2 data release and analysis of R9.0 chemistry. <i>F1000Research</i> , 2017, 6, 760.	1.6	107
33	Performance of the Xpert MTB/RIF assay in the diagnosis of tuberculosis in formalin-fixed, paraffin-embedded tissues. <i>International Journal of Mycobacteriology</i> , 2017, 6, 87.	0.6	22
34	Diagnosing tuberculosis in the 21st century â€™ Dawn of a genomics revolution?. <i>International Journal of Mycobacteriology</i> , 2016, 5, 384-391.	0.6	22
35	Application of highly portable MinION nanopore sequencing technology for the monitoring of nosocomial tuberculosis infection. <i>International Journal of Mycobacteriology</i> , 2016, 5, S24.	0.6	6
36	The variability and reproducibility of whole genome sequencing technology for detecting resistance to anti-tuberculous drugs. <i>Genome Medicine</i> , 2016, 8, 132.	8.2	44

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37	MinION Analysis and Reference Consortium: Phase 1 data release and analysis. <i>F1000Research</i> , 2015, 4, 1075.	1.6	270
38	A migration-driven model for the historical spread of leprosy in medieval Eastern and Central Europe. <i>Infection, Genetics and Evolution</i> , 2015, 31, 250-256.	2.3	48
39	qPCR, dPCR, NGS – A journey. <i>Biomolecular Detection and Quantification</i> , 2015, 3, A1-A5.	7.0	21
40	Performance of urine lipoarabinomannan assays for paediatric tuberculosis in Tanzania. <i>European Respiratory Journal</i> , 2015, 46, 761-770.	6.7	44
41	Ancient DNA analysis – An established technique in charting the evolution of tuberculosis and leprosy. <i>Tuberculosis</i> , 2015, 95, S140-S144.	1.9	30
42	Emerging commercial molecular tests for the diagnosis of bloodstream infection. <i>Expert Review of Molecular Diagnostics</i> , 2015, 15, 681-692.	3.1	37
43	Extra-pulmonary tuberculosis and Xpert® MTB/RIF: all about meta-analyses?. <i>International Journal of Tuberculosis and Lung Disease</i> , 2015, 19, 254-254.	1.2	1
44	MinION nanopore sequencing identifies the position and structure of a bacterial antibiotic resistance island. <i>Nature Biotechnology</i> , 2015, 33, 296-300.	17.5	404
45	How to make Mathematics Biology's next and better microscope. <i>Biomolecular Detection and Quantification</i> , 2014, 1, A1-A3.	7.0	1
46	Assessment of the Xpert MTB/RIF assay for diagnosis of tuberculosis with gastric lavage aspirates in children in sub-Saharan Africa: a prospective descriptive study. <i>Lancet Infectious Diseases</i> , The, 2013, 13, 36-42.	9.1	133
47	Advances in multiparametric molecular diagnostics technologies for respiratory tract infections. <i>Current Opinion in Pulmonary Medicine</i> , 2013, 19, 298-304.	2.6	22
48	Trends in Childhood Tuberculosis in Zambia: A Situation Analysis. <i>Journal of Tropical Pediatrics</i> , 2013, 59, 134-139.	1.5	14
49	Use of the Xpert® MTB/RIF assay for diagnosing pulmonary tuberculosis comorbidity and multidrug-resistant TB in obstetrics and gynaecology inpatient wards at the University Teaching Hospital, Lusaka, Zambia. <i>Tropical Medicine and International Health</i> , 2013, 18, 1134-1140.	2.3	26
50	Evaluation of a novel <i>Listeria</i> enrichment broth combined with a real-time PCR diagnostics assay for the specific detection of <i>Listeria monocytogenes</i> in RTE pork products. <i>International Journal of Food Science and Technology</i> , 2013, 48, 1103-1108.	2.7	5
51	Surgery and tuberculosis. <i>Current Opinion in Pulmonary Medicine</i> , 2012, 18, 241-245.	2.6	10
52	Chest radiography for tuberculosis screening is back on the agenda [Editorial]. <i>International Journal of Tuberculosis and Lung Disease</i> , 2012, 16, 1421-1422.	1.2	12
53	SeekTB, a Two-Stage Multiplex Real-Time-PCR-Based Method for Differentiation of the Mycobacterium tuberculosis Complex. <i>Journal of Clinical Microbiology</i> , 2012, 50, 2203-2206.	3.9	16
54	Evaluation of the Xpert MTB/RIF Assay at a Tertiary Care Referral Hospital in a Setting Where Tuberculosis and HIV Infection Are Highly Endemic. <i>Clinical Infectious Diseases</i> , 2012, 55, 1171-1178.	5.8	68

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55	New global estimates of malaria deaths. <i>Lancet, The</i> , 2012, 380, 560-561.	13.7	3
56	Tuberculosis and Tuberculosis/HIV/AIDS-Associated Mortality in Africa: The Urgent Need to Expand and Invest in Routine and Research Autopsies. <i>Journal of Infectious Diseases</i> , 2012, 205, S340-S346.	4.0	41
57	Tuberculosis Diagnostics and Biomarkers: Needs, Challenges, Recent Advances, and Opportunities. <i>Journal of Infectious Diseases</i> , 2012, 205, S147-S158.	4.0	154
58	Development and preliminary validation of a real-time RT-PCR based method targeting tmRNA for the rapid and specific detection of Salmonella. <i>Food Research International</i> , 2012, 45, 989-992.	6.2	7
59	Tuberculosis Trends in Saudis and Non-Saudis in the Kingdom of Saudi Arabia – A 10 Year Retrospective Study (2000–2009). <i>PLoS ONE</i> , 2012, 7, e39478.	2.5	43
60	Evaluation of the Burden of Unsuspected Pulmonary Tuberculosis and Co-Morbidity with Non-Communicable Diseases in Sputum Producing Adult Inpatients. <i>PLoS ONE</i> , 2012, 7, e40774.	2.5	46
61	Drug-Resistant Tuberculosis – Current Dilemmas, Unanswered Questions, Challenges, and Priority Needs. <i>Journal of Infectious Diseases</i> , 2012, 205, S228-S240.	4.0	140
62	Identification of host-specific <i>Bacteroidales</i> 16S rDNA sequences from human sewage and ruminant feces. <i>Journal of Basic Microbiology</i> , 2012, 52, 277-284.	3.3	6
63	Scale-up of TB and HIV programme collaborative activities in Zambia – a 10-year review. <i>Tropical Medicine and International Health</i> , 2012, 17, 760-766.	2.3	28
64	Leprosy trends in Zambia 1991-2009. <i>Tropical Medicine and International Health</i> , 2012, 17, 1289-1293.	2.3	7
65	High sensitivity DNA detection using gold nanoparticle functionalised polyaniline nanofibres. <i>Biosensors and Bioelectronics</i> , 2011, 26, 2613-2618.	10.1	70
66	The health of prisoners. <i>Lancet, The</i> , 2011, 377, 2001.	13.7	4
67	Xpert MTB/RIF test for tuberculosis. <i>Lancet, The</i> , 2011, 378, 482.	13.7	3
68	Tuberculosis in prisons in sub-Saharan Africa – a potential time bomb. <i>South African Medical Journal</i> , 2011, 101, 107.	0.6	18
69	A Novel Multiplex Real-Time PCR for the Identification of Mycobacteria Associated with Zoonotic Tuberculosis. <i>PLoS ONE</i> , 2011, 6, e23481.	2.5	38
70	Viewpoint: Scientific dogmas, paradoxes and mysteries of latent <i>Mycobacterium tuberculosis</i> infection. <i>Tropical Medicine and International Health</i> , 2011, 16, 79-83.	2.3	51
71	Achieving STOP TB Partnership goals: perspectives on development of new diagnostics, drugs and vaccines for tuberculosis. <i>Tropical Medicine and International Health</i> , 2011, 16, 819-827.	2.3	18
72	Trends of Zambia's tuberculosis burden over the past two decades. <i>Tropical Medicine and International Health</i> , 2011, 16, 1404-1409.	2.3	29

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73	Tuberculosis in prisons in sub-Saharan Africa – the need for improved health services, surveillance and control. <i>Tuberculosis</i> , 2011, 91, 173-178.	1.9	73
74	New skeletal tuberculosis cases in past populations from Western Hungary (Transdanubia). <i>HOMO-Journal of Comparative Human Biology</i> , 2011, 62, 165-183.	0.7	24
75	Novel Multiplex Real-Time PCR Diagnostic Assay for Identification and Differentiation of <i>Mycobacterium tuberculosis</i> , <i>Mycobacterium canettii</i> , and <i>Mycobacterium tuberculosis</i> Complex Strains. <i>Journal of Clinical Microbiology</i> , 2011, 49, 651-657.	3.9	24
76	Tuberculosis in prisons: anatomy of global neglect. <i>European Respiratory Journal</i> , 2011, 38, 752-754.	6.7	39
77	New and improved diagnostics for detection of drug-resistant pulmonary tuberculosis. <i>Current Opinion in Pulmonary Medicine</i> , 2011, 17, 134-141.	2.6	65
78	Screening of immigrants in the UK for latent tuberculosis. <i>Expert Review of Respiratory Medicine</i> , 2011, 5, 483-486.	2.5	2
79	Rapid and Accurate Detection of <i>Mycobacterium tuberculosis</i> in Sputum Samples by Cepheid Xpert MTB/RIF Assay – A Clinical Validation Study. <i>PLoS ONE</i> , 2011, 6, e20458.	2.5	140
80	Review of multidrug-resistant and extensively drug-resistant TB: global perspectives with a focus on sub-Saharan Africa. <i>Tropical Medicine and International Health</i> , 2010, 15, 1052-1066.	2.3	62
81	Extensively drug-resistant tuberculosis (XDR-TB) among health care workers in South Africa. <i>Tropical Medicine and International Health</i> , 2010, 15, 1179-1184.	2.3	32
82	Monolithic Centrifugal Microfluidic Platform for Bacteria Capture and Concentration, Lysis, Nucleic-Acid Amplification, and Real-Time Detection. , 2009, , .		1
83	Rapid detection of <i>Listeria monocytogenes</i> in food using culture enrichment combined with real-time PCR. <i>Food Microbiology</i> , 2009, 26, 4-7.	4.2	84
84	Specificity and sensitivity evaluation of novel and existing Bacteroidales and Bifidobacteria-specific PCR assays on feces and sewage samples and their application for microbial source tracking in Ireland. <i>Water Research</i> , 2009, 43, 4980-4988.	11.3	35
85	Development and validation of a rapid real-time PCR based method for the specific detection of <i>Salmonella</i> on fresh meat. <i>Meat Science</i> , 2009, 83, 555-562.	5.5	43
86	tmRNA – a novel high-copy-number RNA diagnostic target – its application for <i>Staphylococcus aureus</i> detection using real-time NASBA. <i>FEMS Microbiology Letters</i> , 2009, 301, 218-223.	1.8	29
87	REUSABLE SURFACE PLASMON RESONANCE ASSAY FOR THE SPECIFIC DETECTION OF <i>STREPTOCOCCUS PNEUMONIAE</i> tmRNA. <i>Journal of Rapid Methods and Automation in Microbiology</i> , 2008, 16, 210-221.	0.4	5
88	Rapid real-time PCR detection of <i>Listeria monocytogenes</i> in enriched food samples based on the <i>ssrA</i> gene, a novel diagnostic target. <i>Food Microbiology</i> , 2008, 25, 75-84.	4.2	128
89	Integrated microfluidic tmRNA purification and real-time NASBA device for molecular diagnostics. <i>Lab on A Chip</i> , 2008, 8, 2071.	6.0	135