

# Mushal Allam

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

79  
papers

1,907  
citations

14  
h-index

43  
g-index

93  
ext. papers

3,009  
ext. citations

6.5  
avg, IF

4.63  
L-index

#	Paper	IF	Citations
79	The dynamic gut microbiota of zoophilic members of the <i>Anopheles gambiae</i> complex (Diptera: Culicidae).. <i>Scientific Reports</i> , <b>2022</b> , 12, 1495	4.9	0
78	High-Resolution Melting Analysis to Detect Antimicrobial Resistance Determinants in South African Clinical Isolates and Specimens.. <i>International Journal of Microbiology</i> , <b>2022</b> , 2022, 9094328	3.6	0
77	Mobile genetic elements-mediated Enterobacterales-associated carbapenemase antibiotic resistance genes propagation between the environment and humans: A One Health South African study. <i>Science of the Total Environment</i> , <b>2022</b> , 806, 150641	10.2	4
76	Profiling of emerging pathogens, antibiotic resistance genes and mobile genetic elements in different biological wastewater treatment plants. <i>Journal of Environmental Chemical Engineering</i> , <b>2022</b> , 10, 107596	6.8	0
75	Whole-Genome Sequencing of a Colistin-Resistant <i>Acinetobacter baumannii</i> Strain Isolated at a Tertiary Health Facility in Pretoria, South Africa. <i>Antibiotics</i> , <b>2022</b> , 11, 594	4.9	1
74	A year of genomic surveillance reveals how the SARS-CoV-2 pandemic unfolded in Africa. <i>Science</i> , <b>2021</b> , 374, 423-431	33.3	35
73	Detection of a SARS-CoV-2 variant of concern in South Africa. <i>Nature</i> , <b>2021</b> , 592, 438-443	50.4	685
72	First genome sequence of <i>Aeromonas hydrophila</i> novel sequence type 658 strain isolated from livestock in South Africa. <i>Journal of Global Antimicrobial Resistance</i> , <b>2021</b> , 24, 175-177	3.4	0
71	Genome Sequences of Five Novel <i>Neisseria gonorrhoeae</i> Sequence Types Isolated in KwaZulu-Natal, South Africa. <i>Microbiology Resource Announcements</i> , <b>2021</b> , 10,	1.3	1
70	Investigation of Possible Nosocomial-Associated Invasive Group B <i>Streptococcus</i> Disease Using Whole-Genome Sequencing: A Report of 3 Cases. <i>Journal of the Pediatric Infectious Diseases Society</i> , <b>2021</b> , 10, 880-882	4.8	
69	Genomic Analysis of spp. Isolated From a Wastewater Treatment Plant and Its Associated Waters in Umgungundlovu District, South Africa. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 648454	5.7	1
68	HIV-1 and SARS-CoV-2: Patterns in the evolution of two pandemic pathogens. <i>Cell Host and Microbe</i> , <b>2021</b> , 29, 1093-1110	23.4	19
67	First confirmed case of infant botulism in Africa, caused by a dual-toxin-producing <i>Clostridium botulinum</i> strain. <i>International Journal of Infectious Diseases</i> , <b>2021</b> , 103, 164-166	10.5	1
66	Clade distribution of in South Africa using whole genome sequencing of clinical and environmental isolates. <i>Emerging Microbes and Infections</i> , <b>2021</b> , 10, 1300-1308	18.9	4
65	Distribution and Genetic Diversity of Subspecies across the Sahelian Belt in Sudan. <i>Pathogens</i> , <b>2021</b> , 10,	4.5	2
64	<i>Enterococcus faecalis</i> ST21 harbouring Tn6009 isolated from a carriage sample in South Africa. <i>South African Medical Journal</i> , <b>2021</b> , 111, 98-99	1.5	3
63	Sixteen novel lineages of SARS-CoV-2 in South Africa. <i>Nature Medicine</i> , <b>2021</b> , 27, 440-446	50.5	206

62	Genomic Insights of Multidrug-Resistant From Wastewater Sources and Their Association With Clinical Pathogens in South Africa. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 636715	3.1	7
61	Process Performance and Microbial Community Structures in Three Anammox-Mediated Systems with Different Mixing Conditions. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 106466	6.8	0
60	Antimicrobial Resistance Mechanisms, Multilocus Sequence Typing, and NG-STAR Sequence Types of Diverse <i>Neisseria gonorrhoeae</i> Isolates in KwaZulu-Natal, South Africa. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2021</b> , 65, e0075921	5.9	1
59	Whole Genome Sequencing of Extended-Spectrum- and AmpC- $\beta$ -Lactamase-Positive Enterobacterales Isolated From Spinach Production in Gauteng Province, South Africa. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 734649	5.7	0
58	Comparative Pathogenomics of from Pigs in South Africa: Dominance of the Novel ST657 Clone. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	1
57	Genome Sequence of <i>Escherichia coli</i> Clone O25:H4 Sequence Type 131, Isolated from a Sudanese Patient with Urinary Tract Infection. <i>Microbiology Resource Announcements</i> , <b>2020</b> , 9,	1.3	2
56	First report of a clinical multidrug-resistant <i>Pseudomonas aeruginosa</i> ST532 isolate harbouring a ciprofloxacin-modifying enzyme (CrpP) in South Africa. <i>Journal of Global Antimicrobial Resistance</i> , <b>2020</b> , 22, 145-146	3.4	1
55	Outbreak of Listeriosis in South Africa Associated with Processed Meat. <i>New England Journal of Medicine</i> , <b>2020</b> , 382, 632-643	59.2	65
54	Human surveillance and phylogeny of highly pathogenic avian influenza A(H5N8) during an outbreak in poultry in South Africa, 2017. <i>Influenza and Other Respiratory Viruses</i> , <b>2020</b> , 14, 266-273	5.6	5
53	Genomic Analysis of CarbapenemaseProducing Extensively Drug-Resistant Isolates Reveals the Horizontal Spread of p18-43_01 Plasmid Encoding in South Africa. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	14
52	Pathogenomic Analysis of a Novel Extensively Drug-Resistant Isolate Carrying a bla Carbapenemase in South Africa. <i>Pathogens</i> , <b>2020</b> , 9,	4.5	4
51	Inflammatory markers as predictors of mortality in COVID-19 infection. <i>African Journal of Laboratory Medicine</i> , <b>2020</b> , 9, 1298	0.9	5
50	Draft genome sequence of a clinical <i>Acinetobacter haemolyticus</i> isolate from South Africa. <i>Journal of Global Antimicrobial Resistance</i> , <b>2020</b> , 20, 16-17	3.4	
49	Human Blastomycosis in South Africa Caused by and sp. nov., 1967 to 2014. <i>Journal of Clinical Microbiology</i> , <b>2020</b> , 58,	9.7	20
48	Comparative Genome Analysis of with Its Closest Phylogenetic Neighbor, , and and Groups. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	1
47	Genome Sequencing of a Severe Acute Respiratory Syndrome Coronavirus 2 Isolate Obtained from a South African Patient with Coronavirus Disease 2019. <i>Microbiology Resource Announcements</i> , <b>2020</b> , 9,	1.3	5
46	An outbreak of cutaneous abscesses caused by Panton-Valentine leukocidin-producing methicillin-susceptible <i>Staphylococcus aureus</i> among gold mine workers, South Africa, November 2017 to March 2018. <i>BMC Infectious Diseases</i> , <b>2020</b> , 20, 621	4	3
45	Convalescent plasma as a treatment modality for coronavirus disease 2019 in Sudan. <i>Transfusion and Apheresis Science</i> , <b>2020</b> , 59, 102918	2.4	4

44	Genome Mining and Comparative Pathogenomic Analysis of An Endemic Methicillin-Resistant (MRSA) Clone, ST612-CC8-t1257-SCCmec_IVd(2B), Isolated in South Africa. <i>Pathogens</i> , <b>2019</b> , 8,	4.5	8
43	Phylogenetic Analysis of Ebola Virus Disease Transmission in Sierra Leone. <i>Viruses</i> , <b>2019</b> , 11,	6.2	2
42	Genome analysis of methicillin-resistant Staphylococcus aureus isolated from pigs: Detection of the clonal lineage ST398 in Cameroon and South Africa. <i>Zoonoses and Public Health</i> , <b>2019</b> , 66, 512-525	2.9	5
41	Genomic characterization of multidrug-resistant ESBL-producing Klebsiella pneumoniae isolated from a Ghanaian teaching hospital. <i>International Journal of Infectious Diseases</i> , <b>2019</b> , 85, 117-123	10.5	14
40	Draft Genome Sequence of Providencia rettgeri APW139_S1, an NDM-18-Producing Clinical Strain Originating from Hospital Effluent in South Africa. <i>Microbiology Resource Announcements</i> , <b>2019</b> , 8,	1.3	3
39	Genome Sequences of Bacillus sporothermodurans Strains Isolated from Ultra-High-Temperature Milk. <i>Microbiology Resource Announcements</i> , <b>2019</b> , 8,	1.3	2
38	Whole-Genome Shotgun Sequence of Drug-Resistant Staphylococcus aureus Strain SA9, Isolated from a Slaughterhouse Chicken Carcass in South Africa. <i>Microbiology Resource Announcements</i> , <b>2019</b> , 8,	1.3	1
37	Outbreak of in South Africa, 2017-2018: Laboratory Activities and Experiences Associated with Whole-Genome Sequencing Analysis of Isolates. <i>Foodborne Pathogens and Disease</i> , <b>2019</b> , 16, 524-530	3.8	71
36	Whole Genome Sequencing of Extended Spectrum $\beta$ -lactamase (ESBL)-producing Klebsiella pneumoniae Isolated from Hospitalized Patients in KwaZulu-Natal, South Africa. <i>Scientific Reports</i> , <b>2019</b> , 9, 6266	4.9	17
35	Genomic analysis of methicillin-resistant Staphylococcus aureus isolated from poultry and occupational farm workers in Umgungundlovu District, South Africa. <i>Science of the Total Environment</i> , <b>2019</b> , 670, 704-716	10.2	21
34	Evidence for both Intermittent and Persistent Compartmentalization of HIV-1 in the Female Genital Tract. <i>Journal of Virology</i> , <b>2019</b> , 93,	6.6	3
33	Whole-Genome Sequence of Acinetobacter baumannii Strain NUBRI-A, Isolated from a Hospitalized Patient in Khartoum, Sudan. <i>Microbiology Resource Announcements</i> , <b>2019</b> , 8,	1.3	2
32	First Whole-Genome Sequence of a Highly Resistant Klebsiella pneumoniae Sequence Type 14 Strain Isolated from Sudan. <i>Microbiology Resource Announcements</i> , <b>2019</b> , 8,	1.3	1
31	Whole-Genome Sequence of High-Risk Clone Sequence Type 111 of Pseudomonas aeruginosa Strain NUBRI-P, Isolated from a Wounded Sudanese Patient. <i>Microbiology Resource Announcements</i> , <b>2019</b> , 8,	1.3	1
30	Shiga toxin-producing O26:H11 associated with a cluster of haemolytic uraemic syndrome cases in South Africa, 2017. <i>Access Microbiology</i> , <b>2019</b> , 1, e000061	1	4
29	Phenotypic and genotypic characterisation of an unique indigenous hypersaline unicellular cyanobacterium, Euhalothece sp.nov. <i>Microbiological Research</i> , <b>2018</b> , 211, 47-56	5.3	12
28	Whole-Genome Sequence of a Isolate from a Pediatric Patient in South Africa. <i>Genome Announcements</i> , <b>2018</b> , 6,		2
27	Draft genome sequences of extended-spectrum $\beta$ -lactamase-producing Enterobacter aerogenes isolated from swine and human. <i>Journal of Global Antimicrobial Resistance</i> , <b>2018</b> , 14, 70-71	3.4	2

26	Whole-Genome Sequences of <i>Listeria monocytogenes</i> Sequence Type 6 Isolates Associated with a Large Foodborne Outbreak in South Africa, 2017 to 2018. <i>Genome Announcements</i> , <b>2018</b> , 6,		23
25	Genome Sequencing of Extended-Spectrum $\beta$ -Lactamase (ESBL)-Producing Isolated from Pigs and Abattoir Workers in Cameroon. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 188	5.7	26
24	Biological crusts of serpentine and non-serpentine soils from the Barberton Greenstone Belt of South Africa. <i>Ecological Research</i> , <b>2018</b> , 33, 629-640	1.9	9
23	Invasive Disease Caused Simultaneously by Dual Serotypes of <i>Streptococcus pneumoniae</i> . <i>Journal of Clinical Microbiology</i> , <b>2018</b> , 56,	9.7	4
22	Genomic characterisation of <i>Klebsiella michiganensis</i> co-producing OXA-181 and NDM-1 carbapenemases isolated from a cancer patient in uMgungundlovu District, KwaZulu-Natal Province, South Africa. <i>South African Medical Journal</i> , <b>2018</b> , 109, 7-8	1.5	11
21	Genomic characterisation of <i>Staphylococcus aureus</i> ST121 isolated from hospitalised patients in South Africa. <i>South African Medical Journal</i> , <b>2018</b> , 108, 1007-1008	1.5	0
20	Draft genome sequence of a methicillin-resistant <i>Staphylococcus epidermidis</i> isolate from swine. <i>Journal of Global Antimicrobial Resistance</i> , <b>2018</b> , 15, 250-251	3.4	1
19	Extended-spectrum beta-lactamase-producing <i>Escherichia coli</i> harbouring <i>mcr-1</i> gene isolated from pigs in South Africa. <i>South African Medical Journal</i> , <b>2018</b> , 108, 796-797	1.5	7
18	Whole-Genome Sequence of a Novel Sequence Type 3136 Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Strain Isolated from a Hospitalized Patient in Durban, South Africa. <i>Microbiology Resource Announcements</i> , <b>2018</b> , 7,	1.3	2
17	Draft genome sequence of an extended-spectrum $\beta$ -lactamase (CTX-M-15)-producing <i>Escherichia coli</i> ST10 isolated from a nasal sample of an abattoir worker in Cameroon. <i>Journal of Global Antimicrobial Resistance</i> , <b>2018</b> , 14, 68-69	3.4	1
16	A novel adenovirus isolated from the Egyptian fruit bat in South Africa is closely related to recent isolates from China. <i>Scientific Reports</i> , <b>2018</b> , 8, 9584	4.9	8
15	Genome Sequence for Shiga Toxin-Producing O26:H11, Associated with a Cluster of Hemolytic-Uremic Syndrome Cases in South Africa, 2017. <i>Genome Announcements</i> , <b>2017</b> , 5,		9
14	Draft genome sequence of DSM 9356 isolated from the termite. <i>Genomics Data</i> , <b>2017</b> , 12, 76-78		3
13	Draft Genome Sequence of a Multidrug-Resistant Strain, Isolated from a Patient with Peritoneal Cancer in South Africa. <i>Genome Announcements</i> , <b>2017</b> , 5,		3
12	Molecular characterization of invasive capsule null <i>Neisseria meningitidis</i> in South Africa. <i>BMC Microbiology</i> , <b>2017</b> , 17, 40	4.5	13
11	Draft Genome Sequence of Isolated from an HIV-Positive Patient in South Africa. <i>Genome Announcements</i> , <b>2017</b> , 5,		1
10	Molecular Characterization of <i>Corynebacterium diphtheriae</i> Outbreak Isolates, South Africa, March-June 2015. <i>Emerging Infectious Diseases</i> , <b>2017</b> , 23, 1308-1315	10.2	16
9	Identification and characterization of microRNAs expressed in the African malaria vector <i>Anopheles funestus</i> life stages using high throughput sequencing. <i>Malaria Journal</i> , <b>2016</b> , 15, 542	3.6	9

8	Phylogenetic Analysis of Invasive Serotype 1 Pneumococcus in South Africa, 1989 to 2013. <i>Journal of Clinical Microbiology</i> , <b>2016</b> , 54, 1326-34	9.7	11
7	Two cases of serotypeable and non-serotypeable variants of <i>Streptococcus pneumoniae</i> detected simultaneously during invasive disease. <i>BMC Microbiology</i> , <b>2016</b> , 16, 126	4.5	1
6	Genomic analysis of nontypeable pneumococci causing invasive pneumococcal disease in South Africa, 2003-2013. <i>BMC Genomics</i> , <b>2016</b> , 17, 470	4.5	10
5	Hyper-reactive Malarial Splenomegaly (HMS) in malaria endemic area in Eastern Sudan. <i>Acta Tropica</i> , <b>2008</b> , 105, 196-9	3.2	10
4	Major new lineages of SARS-CoV-2 emerge and spread in South Africa during lockdown		8
3	Emergence and rapid spread of a new severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2) lineage with multiple spike mutations in South Africa		446
2	A year of genomic surveillance reveals how the SARS-CoV-2 pandemic unfolded in Africa		3
1	Nasopharyngeal Dysbiosis Precedes the Development of Lower Respiratory Tract Infections in Young Infants, a Longitudinal Infant Cohort Study. <i>Gates Open Research</i> , <b>6</b> , 48	2.4	1