

Anthony I Okoh

List of Publications by Year in descending order

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Version: 2024-02-01

375
papers

12,468
citations

41258

49
h-index

49773

87
g-index

380
all docs

380
docs citations

380
times ranked

12795
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibiotic Use in Agriculture and Its Consequential Resistance in Environmental Sources: Potential Public Health Implications. <i>Molecules</i> , 2018, 23, 795.	1.7	799
2	Bacterial Exopolysaccharides: Functionality and Prospects. <i>International Journal of Molecular Sciences</i> , 2012, 13, 14002-14015.	1.8	497
3	Assessment techniques of antimicrobial properties of natural compounds of plant origin: current methods and future trends. <i>African Journal of Biotechnology</i> , 2008, 7, 1797-1806.	0.3	417
4	Preliminary phytochemical screening and In vitro antioxidant activities of the aqueous extract of <i>Helichrysum longifolium</i> DC. <i>BMC Complementary and Alternative Medicine</i> , 2010, 10, 21.	3.7	292
5	Emerging <i>Aeromonas</i> Species Infections and Their Significance in Public Health. <i>Scientific World Journal</i> , The, 2012, 2012, 1-13.	0.8	250
6	<i>Stenotrophomonas maltophilia</i> as an Emerging Ubiquitous Pathogen: Looking Beyond Contemporary Antibiotic Therapy. <i>Frontiers in Microbiology</i> , 2017, 8, 2276.	1.5	215
7	Inadequately Treated Wastewater as a Source of Human Enteric Viruses in the Environment. <i>International Journal of Environmental Research and Public Health</i> , 2010, 7, 2620-2637.	1.2	206
8	Lignin peroxidase functionalities and prospective applications. <i>MicrobiologyOpen</i> , 2017, 6, e00394.	1.2	192
9	Human campylobacteriosis: A public health concern of global importance. <i>Heliyon</i> , 2019, 5, e02814.	1.4	168
10	An Overview of the Control of Bacterial Pathogens in Cattle Manure. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 843.	1.2	155
11	Impact of discharge wastewater effluents on the physico-chemical qualities of a receiving watershed in a typical rural community. <i>International Journal of Environmental Science and Technology</i> , 2009, 6, 175-182.	1.8	151
12	Levels of Polycyclic Aromatic Hydrocarbons in the Water and Sediment of Buffalo River Estuary, South Africa and Their Health Risk Assessment. <i>Archives of Environmental Contamination and Toxicology</i> , 2019, 76, 657-669.	2.1	147
13	Microbial Anaerobic Digestion (Bio-Digesters) as an Approach to the Decontamination of Animal Wastes in Pollution Control and the Generation of Renewable Energy. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 4390-4417.	1.2	137
14	Emerging <i>Vibrio</i> species: an unending threat to public health in developing countries. <i>Research in Microbiology</i> , 2008, 159, 495-506.	1.0	119
15	Identification and antimicrobial resistance prevalence of pathogenic <i>Escherichia coli</i> strains from treated wastewater effluents in Eastern Cape, South Africa. <i>MicrobiologyOpen</i> , 2016, 5, 143-151.	1.2	111
16	The incidence of antibiotic resistance within and beyond the agricultural ecosystem: A concern for public health. <i>MicrobiologyOpen</i> , 2020, 9, e1035.	1.2	108
17	Triclosan in water, implications for human and environmental health. <i>SpringerPlus</i> , 2016, 5, 1639.	1.2	106
18	Preharvest Transmission Routes of Fresh Produce Associated Bacterial Pathogens with Outbreak Potentials: A Review. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4407.	1.2	105

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19	Antibiotic susceptibility profiles of some <i>Vibrio</i> strains isolated from wastewater final effluents in a rural community of the Eastern Cape Province of South Africa. <i>BMC Microbiology</i> , 2010, 10, 143.	1.3	100
20	A global bibliometric analysis of <i>Plesiomonas</i> -related research (1990 – 2017). <i>PLoS ONE</i> , 2018, 13, e0207655.	1.1	94
21	Implications for public health demands alternatives to inorganic and synthetic flocculants: bioflocculants as important candidates. <i>MicrobiologyOpen</i> , 2016, 5, 177-211.	1.2	93
22	Aptitude of Oxidative Enzymes for Treatment of Wastewater Pollutants: A Laccase Perspective. <i>Molecules</i> , 2019, 24, 2064.	1.7	93
23	Therapeutic Potentials of Microalgae in the Treatment of Alzheimer's Disease. <i>Molecules</i> , 2017, 22, 480.	1.7	85
24	Multiple antibiotic resistances among Shiga toxin producing <i>Escherichia coli</i> O157 in feces of dairy cattle farms in Eastern Cape of South Africa. <i>BMC Microbiology</i> , 2015, 15, 213.	1.3	84
25	Occurrence of organochlorine pesticide residues in biological and environmental matrices in Africa: A two-decade review. <i>Heliyon</i> , 2020, 6, e03518.	1.4	84
26	Slurry-phase biodegradation of weathered oily sludge waste. <i>Chemosphere</i> , 2008, 70, 737-744.	4.2	80
27	Multiple antibiotic resistance indexing of <i>Escherichia coli</i> to identify high-risk sources of faecal contamination of water. <i>Environmental Science and Pollution Research</i> , 2015, 22, 10969-10980.	2.7	76
28	Distribution pattern and health risk assessment of polycyclic aromatic hydrocarbons in the water and sediment of Algoa Bay, South Africa. <i>Environmental Geochemistry and Health</i> , 2019, 41, 1303-1320.	1.8	75
29	Fate and impact of phthalates in activated sludge treated municipal wastewater on the water bodies in the Eastern Cape, South Africa. <i>Chemosphere</i> , 2018, 203, 336-344.	4.2	74
30	Antibiotic Susceptibilities of <i>Enterococcus</i> Species Isolated from Hospital and Domestic Wastewater Effluents in Alice, Eastern Cape Province of South Africa. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 4231-4246.	1.2	73
31	Antimicrobial resistance determinants of <i>Escherichia coli</i> isolates recovered from some rivers in Osun State, South-Western Nigeria: Implications for public health. <i>Science of the Total Environment</i> , 2015, 523, 82-94.	3.9	73
32	Distribution and Chemical Analysis of Pharmaceuticals and Personal Care Products (PPCPs) in the Environmental Systems: A Review. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3026.	1.2	72
33	<i>Listeria monocytogenes</i> Virulence, Antimicrobial Resistance and Environmental Persistence: A Review. <i>Pathogens</i> , 2020, 9, 528.	1.2	72
34	<i>Vibrio</i> Pathogens: A Public Health Concern in Rural Water Resources in Sub-Saharan Africa. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1188.	1.2	71
35	Bioflocculant Production by <i>Virgibacillus</i> sp. Rob Isolated from the Bottom Sediment of Algoa Bay in the Eastern Cape, South Africa. <i>Molecules</i> , 2011, 16, 2431-2442.	1.7	70
36	Phytofabrication of Silver/Silver Chloride Nanoparticles Using Aqueous Leaf Extract of <i>Oedera genistifolia</i> : Characterization and Antibacterial Potential. <i>Molecules</i> , 2019, 24, 4382.	1.7	69

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37	Human enteric bacteria and viruses in five wastewater treatment plants in the Eastern Cape, South Africa. <i>Journal of Infection and Public Health</i> , 2017, 10, 541-547.	1.9	67
38	Multidrug Resistance and Plasmid Patterns of <i>Escherichia coli</i> O157 and Other <i>E. coli</i> Isolated from Diarrhoeal Stools and Surface Waters from Some Selected Sources in Zaria, Nigeria. <i>International Journal of Environmental Research and Public Health</i> , 2010, 7, 3831-3841.	1.2	63
39	Polyphenolic Contents and Antioxidant Potential of Stem Bark Extracts from <i>Jatropha curcas</i> (Linn). <i>International Journal of Molecular Sciences</i> , 2011, 12, 2958-2971.	1.8	63
40	Plant-Based Synthesis of Silver Nanoparticles Using Aqueous Leaf Extract of <i>Salvia officinalis</i> : Characterization and its Antiplasmodial Activity. <i>Journal of Cluster Science</i> , 2021, 32, 101-109.	1.7	63
41	<i>Vibrio Fluvialis</i> : An Unusual Enteric Pathogen of Increasing Public Health Concern. <i>International Journal of Environmental Research and Public Health</i> , 2010, 7, 3628-3643.	1.2	61
42	Quantitative PCR Detection and Characterisation of Human Adenovirus, Rotavirus and Hepatitis A Virus in Discharged Effluents of Two Wastewater Treatment Facilities in the Eastern Cape, South Africa. <i>Food and Environmental Virology</i> , 2016, 8, 262-274.	1.5	60
43	Characterization of a Biofloculant Produced by a Consortium of <i>Halomonas</i> sp. Okoh and <i>Micrococcus</i> sp. Leo. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 5097-5110.	1.2	58
44	Benzo[a]pyrene removal by axenic- and co-cultures of some bacterial and fungal strains. <i>International Biodeterioration and Biodegradation</i> , 2010, 64, 538-544.	1.9	57
45	Antibiotic Susceptibility Profile of <i>Aeromonas</i> Species Isolated from Wastewater Treatment Plant. <i>Scientific World Journal</i> , The, 2012, 2012, 1-6.	0.8	57
46	Assessment of Biofloculant Production by <i>Bacillus</i> sp. Gilbert, a Marine Bacterium Isolated from the Bottom Sediment of Algoa Bay. <i>Marine Drugs</i> , 2011, 9, 1232-1242.	2.2	56
47	Virulence and antimicrobial resistance factors of <i>Enterococcus</i> spp. isolated from fecal samples from piggery farms in Eastern Cape, South Africa. <i>BMC Microbiology</i> , 2015, 15, 136.	1.3	55
48	Biofloculant production by a consortium of <i>Streptomyces</i> and <i>Cellulomonas</i> species and media optimization via surface response model. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 116, 257-264.	2.5	54
49	Microbial Keratinase: Next Generation Green Catalyst and Prospective Applications. <i>Frontiers in Microbiology</i> , 2020, 11, 580164.	1.5	54
50	Global evolution of organochlorine pesticides research in biological and environmental matrices from 1992 to 2018: A bibliometric approach. <i>Emerging Contaminants</i> , 2019, 5, 157-167.	2.2	53
51	Analytical Evaluation of Carbamate and Organophosphate Pesticides in Human and Environmental Matrices: A Review. <i>Molecules</i> , 2022, 27, 618.	1.7	52
52	Studies on the bacteriological qualities of the Buffalo River and three source water dams along its course in the Eastern Cape Province of South Africa. <i>Environmental Science and Pollution Research</i> , 2013, 20, 4125-4136.	2.7	51
53	Macroalgae as a Valuable Source of Naturally Occurring Bioactive Compounds for the Treatment of Alzheimer's Disease. <i>Marine Drugs</i> , 2019, 17, 609.	2.2	51
54	Phytochemical Screening and Polyphenolic Antioxidant Activity of Aqueous Crude Leaf Extract of <i>Helichrysum pedunculatum</i> . <i>International Journal of Molecular Sciences</i> , 2009, 10, 4990-5001.	1.8	50

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55	Water quality assessment: surface water sources used for drinking and irrigation in Zaria, Nigeria are a public health hazard. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 3389-3400.	1.3	50
56	Characterization of a Biofloculant (MBF-UFH) Produced by <i>Bacillus</i> sp. AEMREG7. <i>International Journal of Molecular Sciences</i> , 2015, 16, 12986-13003.	1.8	50
57	Safety Evaluation and Colonisation Abilities of Four Lactic Acid Bacteria as Future Probiotics. <i>Probiotics and Antimicrobial Proteins</i> , 2019, 11, 397-402.	1.9	50
58	Physicochemical quality of an urban municipal wastewater effluent and its impact on the receiving environment. <i>Environmental Monitoring and Assessment</i> , 2010, 170, 383-394.	1.3	49
59	Studies on Biofloculant Production by <i>Arthrobacter</i> sp. Raats, a Freshwater Bacteria Isolated from Tyume River, South Africa. <i>International Journal of Molecular Sciences</i> , 2012, 13, 1054-1065.	1.8	48
60	Peroxidase production and ligninolytic potentials of fresh water bacteria <i>Raoultella ornithinolytica</i> and <i>Ensifer adhaerens</i> . <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2017, 16, 12-17.	2.1	48
61	Petroleum Hydrocarbon Profiles of Water and Sediment of Algoa Bay, Eastern Cape, South Africa. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1263.	1.2	48
62	Determination of levels of some metal contaminants in the freshwater environments of Osun State, Southwest Nigeria: A risk assessment approach to predict health threat. <i>Chemosphere</i> , 2018, 211, 834-843.	4.2	48
63	Analytical Methods for the Determination of the Distribution of Total Petroleum Hydrocarbons in the Water and Sediment of Aquatic Systems: A Review. <i>Journal of Chemistry</i> , 2017, 2017, 1-13.	0.9	47
64	Assessment of Water Quality in Asa River (Nigeria) and Its Indigenous <i>Clarias gariepinus</i> Fish. <i>International Journal of Environmental Research and Public Health</i> , 2011, 8, 4332-4352.	1.2	46
65	Assessment of <i>Tamarindus indica</i> Extracts for Antibacterial Activity. <i>International Journal of Molecular Sciences</i> , 2011, 12, 6385-6396.	1.8	46
66	Prevalence of Multiple Antibiotics Resistant (MAR) <i>Pseudomonas</i> Species in the Final Effluents of Three Municipal Wastewater Treatment Facilities in South Africa. <i>International Journal of Environmental Research and Public Health</i> , 2012, 9, 2092-2107.	1.2	46
67	Quantitative RT-PCR Detection of Hepatitis A Virus, Rotaviruses and Enteroviruses in the Buffalo River and Source Water Dams in the Eastern Cape Province of South Africa. <i>International Journal of Environmental Research and Public Health</i> , 2012, 9, 4017-4032.	1.2	45
68	Characterization and flocculation properties of biopolymeric flocculant (glycosaminoglycan) produced by <i>Cellulomonas</i> sp. Okoh. <i>Journal of Applied Microbiology</i> , 2013, 114, 1325-1337.	1.4	45
69	Classical Optimization of Cellulase and Xylanase Production by a Marine <i>Streptomyces</i> Species. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 286.	1.3	45
70	Chemical characterization of sulfated polysaccharides from <i>Gracilaria gracilis</i> and <i>Ulva lactuca</i> and their radical scavenging, metal chelating, and cholinesterase inhibitory activities. <i>International Journal of Food Properties</i> , 2019, 22, 100-110.	1.3	45
71	Occurrence of potentially pathogenic vibrios in final effluents of a wastewater treatment facility in a rural community of the Eastern Cape Province of South Africa. <i>Research in Microbiology</i> , 2009, 160, 531-537.	1.0	44
72	Municipal Wastewater Effluents as a Source of Listerial Pathogens in the Aquatic Milieu of the Eastern Cape Province of South Africa: A Concern of Public Health Importance. <i>International Journal of Environmental Research and Public Health</i> , 2010, 7, 2376-2394.	1.2	44

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73	Occurrences of Organochlorine Pesticides along the Course of the Buffalo River in the Eastern Cape of South Africa and Its Health Implications. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1372.	1.2	44
74	Occurrence of phenolic derivatives in Buffalo River of Eastern Cape South Africa: Exposure risk evaluation. <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 887-893.	2.9	44
75	A critical review on the occurrence of resistomes in the environment and their removal from wastewater using apposite treatment technologies: Limitations, successes and future improvement. <i>Environmental Pollution</i> , 2020, 263, 113791.	3.7	44
76	Thermostable Bacterial Bioflocculant Produced by <i>Cobetia</i> Spp. Isolated from Algoa Bay (South) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.2	43
77	Preliminary Phytochemical Screening and Antibacterial Properties of Crude Stem Bark Extracts and Fractions of <i>Parkia biglobosa</i> (Jacq.). <i>Molecules</i> , 2013, 18, 8485-8499.	1.7	43
78	Petroleum Hydrocarbon Fingerprints of Water and Sediment Samples of Buffalo River Estuary in the Eastern Cape Province, South Africa. <i>Journal of Analytical Methods in Chemistry</i> , 2017, 2017, 1-13.	0.7	42
79	Seroprevalence of hepatitis B surface antigenemia and its effects on hematological parameters in pregnant women in Osogbo, Nigeria. <i>Virology Journal</i> , 2012, 9, 317.	1.4	41
80	Analytical Methods for Polycyclic Aromatic Hydrocarbons and their Global Trend of Distribution in Water and Sediment: A Review. , 0, , .		41
81	A Freshwater <i>Streptomyces</i> , Isolated from Tyume River, Produces a Predominantly Extracellular Glycoprotein Bioflocculant. <i>International Journal of Molecular Sciences</i> , 2012, 13, 8679-8695.	1.8	40
82	Assessment of the Risks for Human Health of Adenoviruses, Hepatitis A Virus, Rotaviruses and Enteroviruses in the Buffalo River and Three Source Water Dams in the Eastern Cape. <i>Food and Environmental Virology</i> , 2014, 6, 87-98.	1.5	40
83	<i>Chlorella sorokiniana</i> and <i>Chlorella minutissima</i> exhibit antioxidant potentials, inhibit cholinesterases and modulate disaggregation of β -amyloid fibrils. <i>Electronic Journal of Biotechnology</i> , 2019, 40, 1-9.	1.2	40
84	Prevalence and Antibigram Profiling of <i>Escherichia coli</i> Pathotypes Isolated from the Kat River and the Fort Beaufort Abstraction Water. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 8213-8227.	1.2	39
85	Occurrence of virulence gene signatures associated with diarrhoeagenic and non-diarrhoeagenic pathovars of <i>Escherichia coli</i> isolates from some selected rivers in South-Western Nigeria. <i>BMC Microbiology</i> , 2015, 15, 204.	1.3	39
86	Concentrations and Human Health Risk of Heavy Metals in Rivers in Southwest Nigeria. <i>Journal of Health and Pollution</i> , 2018, 8, 180907.	1.8	39
87	Characterization of antibiogram fingerprints in <i>Listeria monocytogenes</i> recovered from irrigation water and agricultural soil samples. <i>PLoS ONE</i> , 2020, 15, e0228956.	1.1	39
88	Biodegradation of heavy crude oil Maya using spent compost and sugar cane bagasse wastes. <i>Chemosphere</i> , 2007, 68, 848-855.	4.2	38
89	A comparison of nutritionally-related blood metabolites among Nguni, Bonsmara and Angus steers raised on sweetveld. <i>Veterinary Journal</i> , 2009, 179, 273-281.	0.6	38
90	In vivo evaluation of the antiviral activity of <i>Cajanus cajan</i> on measles virus. <i>Archives of Virology</i> , 2011, 156, 1551-1557.	0.9	38

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91	Potential Health Implications of the Consumption of Thermally-Oxidized Cooking Oils – a Review. Polish Journal of Food and Nutrition Sciences, 2017, 67, 95-105.	0.6	38
92	Molecular Characterization and Antimicrobial Resistance Pattern of Escherichia coli Recovered from Wastewater Treatment Plants in Eastern Cape South Africa. International Journal of Environmental Research and Public Health, 2018, 15, 1237.	1.2	38
93	The natural environment as a reservoir of pathogenic and non-pathogenic <i>Acinetobacter</i> species. Reviews on Environmental Health, 2018, 33, 265-272.	1.1	38
94	Incidence of human adenoviruses and Hepatitis A virus in the final effluent of selected wastewater treatment plants in Eastern Cape Province, South Africa. Virology Journal, 2015, 12, 98.	1.4	37
95	Global Status of <i>Porcine circovirus</i> Type 2 and Its Associated Diseases in Sub-Saharan Africa. Advances in Virology, 2017, 2017, 1-16.	0.5	37
96	Surface modified magnetic nanoparticles as efficient adsorbents for heavy metal removal from wastewater: Progress and prospects. Materials Express, 2017, 7, 439-456.	0.2	37
97	Macrolide, glycopeptide resistance and virulence genes in Enterococcus species isolates from dairy cattle. Journal of Medical Microbiology, 2016, 65, 641-648.	0.7	37
98	Synergistic interaction of Helichrysum pedunculatum leaf extracts with antibiotics against wound infection associated bacteria. Biological Research, 2009, 42, .	1.5	36
99	Species diversity and antibiotic resistance properties of Staphylococcus of farm animal origin in Nkonkobe Municipality, South Africa. Folia Microbiologica, 2014, 59, 133-140.	1.1	36
100	Adsorption of Cu ²⁺ from aqueous solution by a novel material; azomethine functionalized magnetic nanoparticles. Separation and Purification Technology, 2017, 183, 204-215.	3.9	36
101	Occurrence and risk evaluation of organochlorine contaminants in surface water along the course of Swartkops and Sundays River Estuaries, Eastern Cape Province, South Africa. Environmental Geochemistry and Health, 2019, 41, 2777-2801.	1.8	36
102	Effects of residue quality and climate on plant residue decomposition and nutrient release along the transect from humid forest to Sahel of West Africa. Biogeochemistry, 2007, 86, 217-229.	1.7	35
103	Prevalence and characterisation of non-cholerae Vibrio spp. in final effluents of wastewater treatment facilities in two districts of the Eastern Cape Province of South Africa: implications for public health. Environmental Science and Pollution Research, 2015, 22, 2008-2017.	2.7	35
104	Multidrug-Resistant Salmonella Isolates from Swine in the Eastern Cape Province, South Africa. Journal of Food Protection, 2016, 79, 1234-1239.	0.8	35
105	Performance of NiFe ₂ O ₄ -SiO ₂ -TiO ₂ Magnetic Photocatalyst for the Effective Photocatalytic Reduction of Cr(VI) in Aqueous Solutions. Journal of Nanomaterials, 2017, 2017, 1-11.	1.5	35
106	Synthesis, characterization, antimalarial, antitrypanocidal and antimicrobial properties of gold nanoparticle. Green Chemistry Letters and Reviews, 2019, 12, 61-68.	2.1	35
107	Inactivation of Selected Bacterial Pathogens in Dairy Cattle Manure by Mesophilic Anaerobic Digestion (Balloon Type Digester). International Journal of Environmental Research and Public Health, 2014, 11, 7184-7194.	1.2	34
108	Chemical characterization, antioxidant properties, cholinesterase inhibitory and anti-amyloidogenic activities of sulfated polysaccharides from some seaweeds. Bioactive Carbohydrates and Dietary Fibre, 2019, 18, 100182.	1.5	34

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109	Bacillus sp. FPF-1 Produced Keratinase with High Potential for Chicken Feather Degradation. <i>Molecules</i> , 2020, 25, 1505.	1.7	34
110	Potentials of metallic nanoparticles for the removal of antibiotic resistant bacteria and antibiotic resistance genes from wastewater: A critical review. <i>Journal of Water Process Engineering</i> , 2021, 41, 102041.	2.6	34
111	Studies on bioflocculant production by a mixed culture of <i>Methylobacterium</i> sp. Obi and <i>Actinobacterium</i> sp. Mayor. <i>BMC Biotechnology</i> , 2013, 13, 62.	1.7	33
112	Ligninolytic enzymes: Versatile biocatalysts for the elimination of endocrine-disrupting chemicals in wastewater. <i>MicrobiologyOpen</i> , 2018, 7, e00722.	1.2	33
113	Detection of potential risk of wastewater effluents for transmission of antibiotic resistance from <i>Vibrio</i> species as a reservoir in a peri-urban community in South Africa. <i>International Journal of Environmental Health Research</i> , 2011, 21, 402-414.	1.3	32
114	Interactions of Antibiotics and Methanolic Crude Extracts of <i>Azelia Africana</i> (Smith.) Against Drug Resistance Bacterial Isolates. <i>International Journal of Molecular Sciences</i> , 2011, 12, 4477-4487.	1.8	32
115	Seasonal and spatio-temporal distribution of faecal-indicator bacteria in Tyume River in the Eastern Cape Province, South Africa. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 6579-6590.	1.3	32
116	Characteristics of a bioflocculant produced by a consortium of <i>Cobetia</i> and <i>Bacillus</i> species and its application in the treatment of wastewaters. <i>Water S A</i> , 2014, 40, 140.	0.2	32
117	Utilization of agroindustrial wastes for the production of laccase by <i>Achromobacter xylosoxidans</i> HWN16 and <i>Bordetella bronchiseptica</i> HSO16. <i>Journal of Environmental Management</i> , 2019, 231, 222-231.	3.8	32
118	Aerobic dehalogenation potentials of four bacterial species isolated from soil and sewage sludge. <i>Chemosphere</i> , 2001, 45, 45-50.	4.2	31
119	Genetic profiling for <i>Anaplasma</i> and <i>Ehrlichia</i> species in ticks collected in the Eastern Cape Province of South Africa. <i>BMC Microbiology</i> , 2017, 17, 45.	1.3	31
120	Recovery of laccase-producing gammaproteobacteria from wastewater. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2019, 21, e00320.	2.1	31
121	Silver nanoparticles mediated by <i>Callistemon citrinus</i> extracts and their antimalaria, antitrypanosoma and antibacterial efficacy. <i>Journal of Molecular Liquids</i> , 2019, 273, 615-625.	2.3	31
122	Biodegradation of 2,4-dichlorophenol by a <i>Bacillus</i> consortium. <i>World Journal of Microbiology and Biotechnology</i> , 2008, 24, 55-60.	1.7	30
123	<i>Halomonas</i> sp. OKOH—A Marine Bacterium Isolated from the Bottom Sediment of Algoa Bay—Produces a Polysaccharide Bioflocculant: Partial Characterization and Biochemical Analysis of Its Properties. <i>Molecules</i> , 2011, 16, 4358-4370.	1.7	29
124	Variations in the physicochemical characteristics of the Buffalo River in the Eastern Cape Province of South Africa. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 8733-8747.	1.3	29
125	<i>Bacillus toyonensis</i> Strain AEMREG6, a Bacterium Isolated from South African Marine Environment Sediment Samples Produces a Glycoprotein Bioflocculant. <i>Molecules</i> , 2015, 20, 5239-5259.	1.7	29
126	Assessment of <i>Bacillus pumilus</i> Isolated from Fresh Water Milieu for Bioflocculant Production. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 211.	1.3	29

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127	Effects of probiotics on growth performance, blood parameters, and antibody stimulation in piglets. South African Journal of Animal Sciences, 2017, 47, 765.	0.2	29
128	Multiple nitrogen functionalized magnetic nanoparticles as an efficient adsorbent: synthesis, kinetics, isotherm and thermodynamic studies for the removal of rhodamine B from aqueous solution. Scientific Reports, 2019, 9, 9672.	1.6	29
129	Phenolic composition, antioxidant activity, anticholinesterase potential and modulatory effects of aqueous extracts of some seaweeds on I ² -amyloid aggregation and disaggregation. Pharmaceutical Biology, 2019, 57, 460-469.	1.3	29
130	Antibiogram and beta-lactamase genes among cefotaxime resistant E. coli from wastewater treatment plant. Antimicrobial Resistance and Infection Control, 2020, 9, 46.	1.5	29
131	Overview of listeriosis in the Southern African Hemisphere – Review. Journal of Food Safety, 2020, 40, e12732.	1.1	29
132	Impact of Discharged Wastewater Final Effluent on the Physicochemical Qualities of a Receiving Watershed in a Suburban Community of the Eastern Cape Province. Clean - Soil, Air, Water, 2009, 37, 938-944.	0.7	28
133	Prevalence and distribution of Listeria pathogens in the final effluents of a rural wastewater treatment facility in the Eastern Cape Province of South Africa. World Journal of Microbiology and Biotechnology, 2010, 26, 297-307.	1.7	28
134	Commensal Pseudomonas Species Isolated from Wastewater and Freshwater Milieus in the Eastern Cape Province, South Africa, as Reservoir of Antibiotic Resistant Determinants. International Journal of Environmental Research and Public Health, 2012, 9, 2537-2549.	1.2	28
135	Characterization and flocculation efficiency of a bioflocculant produced by a marine <i>Halobacillus</i> . Environmental Technology (United Kingdom), 2013, 34, 2671-2679.	1.2	28
136	Evaluation of the flocculation potential and characterization of bioflocculant produced by <i>Micrococcus</i> sp. Leo. Applied Biochemistry and Microbiology, 2014, 50, 601-608.	0.3	28
137	Bioflocculant production by <i>Bacillus</i> sp. Gilbert isolated from a marine environment in South Africa. Applied Biochemistry and Microbiology, 2014, 50, 49-54.	0.3	28
138	Detection of antibiotic resistance, virulence gene determinants and biofilm formation in <i>Aeromonas</i> species isolated from cattle. Environmental Science and Pollution Research, 2015, 22, 17596-17605.	2.7	28
139	Evaluation of flocculating performance of a thermostable bioflocculant produced by marine <i>Bacillus</i> sp.. Environmental Technology (United Kingdom), 2016, 37, 1829-1842.	1.2	28
140	Distribution of organochlorine pesticides in fresh fish carcasses from selected estuaries in Eastern Cape Province, South Africa, and the associated health risk assessment. Marine Pollution Bulletin, 2019, 149, 110605.	2.3	28
141	Technological advancement for eliminating antibiotic resistance genes from wastewater: A review of their mechanisms and progress. Journal of Environmental Chemical Engineering, 2021, 9, 106183.	3.3	28
142	Characterization of an Exopolymeric Flocculant Produced by a <i>Brachy bacterium</i> sp.. Materials, 2013, 6, 1237-1254.	1.3	27
143	Optimization of Cellulase and Xylanase Production by <i>Micrococcus</i> Species under Submerged Fermentation. Sustainability, 2016, 8, 1168.	1.6	27
144	Antibacterial activity of crude extracts of some South African medicinal plants against multidrug resistant etiological agents of diarrhoea. BMC Complementary and Alternative Medicine, 2017, 17, 321.	3.7	27

#	ARTICLE	IF	CITATIONS
145	Terpene constituents of the aerial parts, phenolic content, antibacterial potential, free radical scavenging and antioxidant activity of <i>Callistemon citrinus</i> (Curtis) Skeels (Myrtaceae) from Eastern Cape Province of South Africa. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 292.	3.7	27
146	Biochemical and Molecular Characterization of a Thermostable Alkaline Metallo-Keratinase from <i>Bacillus</i> sp. Nnolim-K1. <i>Microorganisms</i> , 2020, 8, 1304.	1.6	27
147	Virulence and Antibiotic Resistance Characteristics of <i>Vibrio</i> Isolates From Rustic Environmental Freshwaters. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 732001.	1.8	27
148	Production and characterization of bioflocculant produced by <i>Halobacillus</i> sp. Mvuyo isolated from bottom sediment of Algoa Bay. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 967-973.	1.2	26
149	Occurrence of Virulence Genes Associated with Diarrheagenic <i>Escherichia coli</i> Isolated from Raw Cow's Milk from Two Commercial Dairy Farms in the Eastern Cape Province, South Africa. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 11950-11963.	1.2	26
150	Chlorine Tolerance and Inactivation of <i>Escherichia coli</i> recovered from Wastewater Treatment Plants in the Eastern Cape, South Africa. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 810.	1.3	26
151	Maize stover as a feedstock for enhanced laccase production by two gammaproteobacteria: A solution to agroindustrial waste stockpiling. <i>Industrial Crops and Products</i> , 2019, 129, 611-623.	2.5	26
152	Sulfated polysaccharides of some seaweeds exhibit neuroprotection via mitigation of oxidative stress, cholinergic dysfunction and inhibition of Zn ²⁺ induced neuronal damage in HT-22 cells. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 251.	1.2	26
153	Detection of antibiotic resistance and virulence genes of <i>Vibrio</i> strains isolated from ready-to-eat shrimps in Delta and Edo States, Nigeria. <i>Journal of Applied Microbiology</i> , 2020, 129, 17-36.	1.4	26
154	Polybrominated diphenyl ethers in the environmental systems: a review. <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 1229-1247.	1.4	26
155	Stem Bark Extract and Fraction of <i>Persea americana</i> (Mill.) Exhibits Bactericidal Activities against Strains of <i>Bacillus cereus</i> Associated with Food Poisoning. <i>Molecules</i> , 2015, 20, 416-429.	1.7	25
156	Probable mechanisms of biocidal action of <i>Cocos nucifera</i> Husk extract and fractions on bacteria isolates. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 116.	3.7	25
157	Phthalates removal efficiency in different wastewater treatment technology in the Eastern Cape, South Africa. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 299.	1.3	25
158	Nanotechnology as a viable alternative for the removal of antimicrobial resistance determinants from discharged municipal effluents and associated watersheds: A review. <i>Journal of Environmental Management</i> , 2020, 275, 111234.	3.8	25
159	Antibiotic Producing Potentials of Three Freshwater Actinomycetes Isolated from the Eastern Cape Province of South Africa. <i>International Journal of Molecular Sciences</i> , 2010, 11, 2612-2623.	1.8	24
160	Assessment of the Incidence of Enteric Adenovirus Species and Serotypes in Surface Waters in the Eastern Cape Province of South Africa: Tyume River as a Case Study. <i>Scientific World Journal</i> , The, 2012, 2012, 1-9.	0.8	24
161	Antibiogram, Adhesive Characteristics, and Incidence of Class 1 Integron in <i>Aeromonas</i> Species Isolated from Two South African Rivers. <i>BioMed Research International</i> , 2013, 2013, 1-8.	0.9	24
162	Microbial anaerobic digestion: process dynamics and implications from the renewable energy, environmental and agronomy perspectives. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 3913-3934.	1.8	24

#	ARTICLE	IF	CITATIONS
163	Global research trends on biofloculant potentials in wastewater remediation from 1990 to 2019 using a bibliometric approach. <i>Letters in Applied Microbiology</i> , 2020, 71, 567-579.	1.0	24
164	Distribution and molecular characterization of ESBL, pAmpC β -lactamases, and non- β -lactam encoding genes in Enterobacteriaceae isolated from hospital wastewater in Eastern Cape Province, South Africa. <i>PLoS ONE</i> , 2021, 16, e0254753.	1.1	24
165	Synthesis of CeO ₂ as promising adsorbent for the management of free-DNA harboring antibiotic resistance genes from tap-water. <i>Chemical Engineering Journal</i> , 2020, 401, 125562.	6.6	24
166	Physicochemical Properties of Wastewater in Three Typical South African Sewage Works. <i>Polish Journal of Environmental Studies</i> , 2018, 27, 491-499.	0.6	24
167	Enterotoxigenic <i>Escherichia coli</i> (ETEC): A Recurring Decimal in Infants' and Travelers' Diarrhea. <i>Reviews on Environmental Health</i> , 2008, 23, 135-48.	1.1	23
168	Antibacterial Activities of Crude Stem Bark Extracts of <i>Distemonanthus benthamianus</i> Baill. <i>Journal of Biological Sciences</i> , 2008, 8, 356-361.	0.1	23
169	Aqueous ethanol extracts of some South African seaweeds inhibit beta-amyloid aggregation, cholinesterases, and beta-secretase activities in vitro. <i>Journal of Food Biochemistry</i> , 2019, 43, e12870.	1.2	22
170	Multidrug-Resistant <i>Listeria</i> Species Shows Abundance in Environmental Waters of a Key District Municipality in South Africa. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 481.	1.2	22
171	Seasonal abundance and distribution of <i>Vibrio</i> species in the treated effluent of wastewater treatment facilities in suburban and urban communities of Eastern Cape Province, South Africa. <i>Journal of Microbiology</i> , 2011, 49, 224-232.	1.3	21
172	Assessment of the Physicochemical Qualities and Prevalence of <i>Escherichia coli</i> and <i>Vibrios</i> in the Final Effluents of Two Wastewater Treatment Plants in South Africa: Ecological and Public Health Implications. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 13399-13412.	1.2	21
173	Occurrence of non-O157 Shiga toxin-producing <i>Escherichia coli</i> in two commercial swine farms in the Eastern Cape Province, South Africa. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2016, 44, 48-53.	0.7	21
174	Ecological and Public Health Implications of the Discharge of Multidrug-Resistant Bacteria and Physicochemical Contaminants from Treated Wastewater Effluents in the Eastern Cape, South Africa. <i>Water (Switzerland)</i> , 2017, 9, 562.	1.2	21
175	A bibliometric analysis of investigations of polybrominated diphenyl ethers (PBDEs) in biological and environmental matrices from 1992 to 2018. <i>Heliyon</i> , 2018, 4, e00964.	1.4	21
176	Systematic Assessment of <i>Mycobacterium avium</i> Subspecies Paratuberculosis Infections from 1911 to 2019: A Growth Analysis of Association with Human Autoimmune Diseases. <i>Microorganisms</i> , 2020, 8, 1212.	1.6	21
177	Antibiotic Susceptibility Testing (AST) Reports: A Basis for Environmental/Epidemiological Surveillance and Infection Control Amongst Environmental <i>Vibrio cholerae</i> . <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5685.	1.2	21
178	Evaluation of Antibacterial and Antifungal Properties of <i>Alchornea laxiflora</i> (Benth.) Pax. & Hoffman. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-6.	0.5	20
179	Incidence and antimicrobial susceptibility fingerprints of <i>Plesiomonas shigelloides</i> isolates in water samples collected from some freshwater resources in Southwest Nigeria. <i>Science of the Total Environment</i> , 2019, 665, 632-640.	3.9	20
180	Socio-demographic and clinical determinants of late presentation among patients newly diagnosed with HIV in the Eastern Cape, South Africa. <i>Medicine (United States)</i> , 2019, 98, e14664.	0.4	20

#	ARTICLE	IF	CITATIONS
181	Biochemical and molecular characterization of a novel dye-decolourizing peroxidase from <i>Raoultella ornithinolytica</i> OKOH-1. <i>International Journal of Biological Macromolecules</i> , 2019, 121, 454-462.	3.6	20
182	Occurrence of Multidrug-Resistant <i>Listeria monocytogenes</i> in Environmental Waters: A Menace of Environmental and Public Health Concern. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	20
183	Molecular detection and characterization of resistant genes in <i>Mycobacterium tuberculosis</i> complex from DNA isolated from tuberculosis patients in the Eastern Cape province South Africa. <i>BMC Infectious Diseases</i> , 2014, 14, 479.	1.3	19
184	Chemical constituents, antibacterial and antioxidant properties of the essential oil flower of <i>Tagetes minuta</i> grown in Cala community Eastern Cape, South Africa. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 351.	3.7	19
185	Fossil Shell Flour in Livestock Production: A Review. <i>Animals</i> , 2019, 9, 70.	1.0	19
186	Prevalence of porcine parvoviruses in some South African swine herds with background of porcine circovirus type 2 infection. <i>Acta Tropica</i> , 2019, 190, 37-44.	0.9	19
187	Detection of Carbapenem-Resistance Genes in <i>Klebsiella</i> Species Recovered from Selected Environmental Niches in the Eastern Cape Province, South Africa. <i>Antibiotics</i> , 2020, 9, 425.	1.5	19
188	Proteolytic bacteria isolated from agro-waste dumpsites produced keratinolytic enzymes. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2020, 27, e00483.	2.1	19
189	Antibiogram signatures of <i>Vibrio</i> species recovered from surface waters in South Western districts of Uganda: Implications for environmental pollution and infection control. <i>Science of the Total Environment</i> , 2022, 807, 150706.	3.9	19
190	Detection and distribution of putative virulence associated genes in <i>Aeromonas</i> species from freshwater and wastewater treatment plant. <i>Journal of Basic Microbiology</i> , 2013, 53, 895-901.	1.8	18
191	Bactericidal and antioxidant properties of essential oils from the fruits <i>Dennettia tripetala</i> G. Baker. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 486.	3.7	18
192	<i>Vibrio</i> Species in Wastewater Final Effluents and Receiving Watershed in South Africa: Implications for Public Health. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1266.	1.2	18
193	Spatial, seasonal and ecological risk assessment of organohalogenated contaminants in sediments of Swartkops and Sundays Estuaries, Eastern Cape province, South Africa. <i>Journal of Soils and Sediments</i> , 2020, 20, 1046-1059.	1.5	18
194	Wastewater treatment plants and release: The vase of Odin for emerging bacterial contaminants, resistance and determinant of environmental wellness. <i>Emerging Contaminants</i> , 2020, 6, 212-224.	2.2	18
195	Potentials of low-cost methods for the removal of antibiotic-resistant bacteria and their genes in low budget communities: A review. <i>Journal of Water Process Engineering</i> , 2021, 40, 101919.	2.6	18
196	Biocidal activity of partially purified fractions from methanolic extract of <i>Garcinia kola</i> (Heckel) seeds on bacterial isolates. <i>Biological Research</i> , 2008, 41, .	1.5	17
197	In-Vitro Antibacterial Properties of Crude Aqueous and n-Hexane Extracts of the Husk of <i>Cocos nucifera</i> . <i>Molecules</i> , 2011, 16, 2135-2145.	1.7	17
198	Production of polyextremotolerant laccase by <i>Achromobacter xylosoxidans</i> HWN16 and <i>Citrobacter freundii</i> LJ16. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2019, 22, e00337.	2.1	17

#	ARTICLE	IF	CITATIONS
199	Antimicrobial resistance in freshwater <i>Plesiomonas shigelloides</i> isolates: Implications for environmental pollution and risk assessment. <i>Environmental Pollution</i> , 2020, 257, 113493.	3.7	17
200	Evaluation of bioactive compounds, free radical scavenging and anticancer activities of bulb extracts of <i>Boophone disticha</i> from Eastern Cape Province, South Africa. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 3559-3569.	1.8	17
201	Bioactive constituents, radical scavenging, and antibacterial properties of the leaves and stem essential oils from <i>Peperomia pellucida</i> (L.) kunth. <i>Pharmacognosy Magazine</i> , 2017, 13, 392.	0.3	17
202	Role of Endophytes and Rhizosphere Microbes in Promoting the Invasion of Exotic Plants in Arid and Semi-Arid Areas: A Review. <i>Sustainability</i> , 2021, 13, 13081.	1.6	17
203	Prevalence of tuberculous lymphadenitis in slaughtered cattle in Eastern Cape, South Africa. <i>International Journal of Infectious Diseases</i> , 2017, 61, 27-37.	1.5	16
204	Environmental Water Pollution, Endocrine Interference and Ecotoxicity of 4-tert-Octylphenol: A Review. <i>Reviews of Environmental Contamination and Toxicology</i> , 2018, 248, 81-109.	0.7	16
205	Chemical constituents, antioxidant and cytotoxicity properties of <i>Leonotis leonurus</i> used in the folklore management of neurological disorders in the Eastern Cape, South Africa. <i>3 Biotech</i> , 2020, 10, 141.	1.1	16
206	Global bibliometric meta-analytic assessment of research trends on microbial chlorine resistance in drinking water/water treatment systems. <i>Journal of Environmental Management</i> , 2021, 278, 111641.	3.8	16
207	In vitro Antibacterial Potentials of the Stem Bark of Red Water Tree (<i>Erythrophleum suaveolens</i>). <i>Journal of Biological Sciences</i> , 2007, 7, 1233-1238.	0.1	16
208	Occurrence of <i>Vibrio</i> Pathotypes in the Final Effluents of Five Wastewater Treatment Plants in Amathole and Chris Hani District Municipalities in South Africa. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 7755-7766.	1.2	15
209	Characterisation of the physicochemical qualities of a typical rural-based river: ecological and public health implications. <i>International Journal of Environmental Science and Technology</i> , 2014, 11, 1771-1780.	1.8	15
210	Antibacterial and Antioxidant Properties of the Leaves and Stem Essential Oils of <i>Jatropha gossypifolia</i> L.. <i>BioMed Research International</i> , 2016, 2016, 1-9.	0.9	15
211	Neuroprotective effects of some seaweeds against Zn ²⁺ induced neuronal damage in HT-22 cells via modulation of redox imbalance, inhibition of apoptosis and acetylcholinesterase activity. <i>Metabolic Brain Disease</i> , 2019, 34, 1615-1627.	1.4	15
212	Determination and ecological risk assessment of two endocrine disruptors from River Buffalo, South Africa. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 750.	1.3	15
213	Occurrence, Virulence and Antimicrobial Resistance-Associated Markers in <i>Campylobacter</i> Species Isolated from Retail Fresh Milk and Water Samples in Two District Municipalities in the Eastern Cape Province, South Africa. <i>Antibiotics</i> , 2020, 9, 426.	1.5	15
214	A review on occurrence and analytical procedures for the evaluation of polychlorinated naphthalenes in human and environmental matrices. <i>Environmental Pollutants and Bioavailability</i> , 2020, 32, 154-174.	1.3	15
215	An African perspective on the prevalence, fate and effects of carbapenem resistance genes in hospital effluents and wastewater treatment plant (WWTP) final effluents: A critical review. <i>Heliyon</i> , 2020, 6, e03899.	1.4	15
216	Silver nanoparticles (AgNPs) facilitated by plant parts of <i>Crataegus ambigua</i> Becker AK extracts and their antibacterial, antioxidant and antimalarial activities. <i>Green Chemistry Letters and Reviews</i> , 2021, 14, 51-61.	2.1	15

#	ARTICLE	IF	CITATIONS
217	Studies on the biocidal and cell membrane disruption potentials of stem bark extracts of <i>Azela africana</i> (Smith). <i>Biological Research</i> , 2009, 42, .	1.5	14
218	In-Vitro Antagonistic Characteristics of Crude Aqueous and Methanolic Extracts of <i>Garcinia kola</i> (Heckel) Seeds against Some <i>Vibrio</i> Bacteria. <i>Molecules</i> , 2011, 16, 2754-2765.	1.7	14
219	Ubiquitous <i>Acinetobacter</i> species as beneficial commensals but gradually being emboldened with antibiotic resistance genes. <i>Journal of Basic Microbiology</i> , 2012, 52, 620-627.	1.8	14
220	Evidence of emerging challenge of chlorine tolerance of <i>Enterococcus</i> species recovered from wastewater treatment plants. <i>International Biodeterioration and Biodegradation</i> , 2017, 120, 216-223.	1.9	14
221	Molecular detection of Porcine circovirus type 2 in swine herds of Eastern Cape Province South Africa. <i>BMC Microbiology</i> , 2017, 17, 212.	1.3	14
222	Prevalence and capsular type distribution of <i>Streptococcus agalactiae</i> isolated from pregnant women in Namibia and South Africa. <i>BMC Infectious Diseases</i> , 2019, 19, 179.	1.3	14
223	Metal-resistance encoding gene-fingerprints in some bacteria isolated from wastewaters of selected printeries in Ibadan, South-western Nigeria. <i>Journal of Taibah University for Science</i> , 2019, 13, 266-273.	1.1	14
224	Exoproduction and characterization of a detergent-stable alkaline keratinase from <i>Arthrobacter</i> sp. KFS-1. <i>Biochimie</i> , 2020, 177, 53-62.	1.3	14
225	An Overview of the Pathogenesis, Transmission, Diagnosis, and Management of Endemic Human Coronaviruses: A Reflection on the Past and Present Episodes and Possible Future Outbreaks. <i>Pathogens</i> , 2021, 10, 1108.	1.2	14
226	The activity of commercial antimicrobials, and essential oils and ethanolic extracts of <i>Olea europaea</i> on <i>Streptococcus agalactiae</i> isolated from pregnant women. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 34.	3.7	13
227	Method Validation and Investigation of the Levels of Pharmaceuticals and Personal Care Products in Sludge of Wastewater Treatment Plants and Soils of Irrigated Golf Course. <i>Molecules</i> , 2020, 25, 3114.	1.7	13
228	Microbial Pathogenesis and Pathophysiology of Alzheimer's Disease: A Systematic Assessment of Microorganisms' Implications in the Neurodegenerative Disease. <i>Frontiers in Neuroscience</i> , 2021, 15, 648484.	1.4	13
229	Occurrence and distribution of pharmaceuticals in surface water and sediment of Buffalo and Sundays River estuaries, South Africa and their ecological risk assessment. <i>Emerging Contaminants</i> , 2021, 7, 187-195.	2.2	13
230	Culturable Microbial Population Dynamics During Decomposition of <i>Theobroma cacao</i> Leaf Litters in a Tropical Soil Setting. <i>Journal of Biological Sciences</i> , 2006, 6, 768-774.	0.1	13
231	Synergistic interaction of <i>Helichrysum pedunculatum</i> leaf extracts with antibiotics against wound infection associated bacteria. <i>Biological Research</i> , 2009, 42, 327-38.	1.5	13
232	In-Vitro assessment of the synergism between extracts of <i>Cocos nucifera</i> husk and some standard antibiotics. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2017, 7, 306-313.	0.5	12
233	Comparative Physicochemical and Microbiological Qualities of Source and Stored Household Waters in Some Selected Communities in Southwestern Nigeria. <i>Sustainability</i> , 2017, 9, 454.	1.6	12
234	A Marine Bacterium, <i>Bacillus</i> sp. Isolated from the Sediment Samples of Algoa Bay in South Africa Produces a Polysaccharide-Biofloculant. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1149.	1.2	12

#	ARTICLE	IF	CITATIONS
235	Pathogenic <i>Escherichia coli</i> Strains Recovered from Selected Aquatic Resources in the Eastern Cape, South Africa, and Its Significance to Public Health. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1506.	1.2	12
236	<i>Campylobacteriosis</i> Agents in Meat Carcasses Collected from Two District Municipalities in the Eastern Cape Province, South Africa. <i>Foods</i> , 2020, 9, 203.	1.9	12
237	Incidence and genetic diversity of multi-drug resistant <i>Listeria monocytogenes</i> isolates recovered from fruits and vegetables in the Eastern Cape Province, South Africa. <i>International Journal of Food Microbiology</i> , 2022, 363, 109513.	2.1	12
238	Microbial densities and physicochemical quality of some crude oil flow stations' sewer pit effluents in the Niger Delta areas of Nigeria. <i>Science of the Total Environment</i> , 1996, 187, 73-78.	3.9	11
239	Interactions of antibiotics and extracts of <i>Helichrysum pedunculatum</i> against bacteria implicated in wound infections. <i>Folia Microbiologica</i> , 2010, 55, 176-180.	1.1	11
240	Quantitative Detection and Characterization of Human Adenoviruses in the Buffalo River in the Eastern Cape Province of South Africa. <i>Food and Environmental Virology</i> , 2012, 4, 198-208.	1.5	11
241	Prevalence of adenovirus respiratory tract and hiv co-infections in patients attending the University of Ilorin, teaching hospital, Ilorin, Nigeria. <i>BMC Research Notes</i> , 2014, 7, 870.	0.6	11
242	Molecular characterization of <i>Brucella</i> species in cattle, sheep and goats obtained from selected municipalities in the Eastern Cape, South Africa. <i>Asian Pacific Journal of Tropical Disease</i> , 2017, 7, 293-298.	0.5	11
243	Assessment of chlorine tolerance profile of <i>Citrobacter</i> species recovered from wastewater treatment plants in Eastern Cape, South Africa. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 201.	1.3	11
244	Uptake of Zn ²⁺ and As ³⁺ from Wastewater by Adsorption onto Imine Functionalized Magnetic Nanoparticles. <i>Water (Switzerland)</i> , 2018, 10, 36.	1.2	11
245	Critical threat associated with carbapenem-resistant gram-negative bacteria: prioritizing water matrices in addressing total antibiotic resistance. <i>Annals of Microbiology</i> , 2020, 70, .	1.1	11
246	Cholinesterase inhibitory activity, antioxidant properties, and phytochemical composition of <i>Chlorococcum</i> sp. extracts. <i>Journal of Food Biochemistry</i> , 2021, 45, e13395.	1.2	11
247	Antibiotic resistance profiles of <i>Escherichia coli</i> O26, O145, and O157:H7 isolated from swine in the Eastern Cape Province, South Africa. <i>Asian Pacific Journal of Tropical Disease</i> , 2017, 7, 553-559.	0.5	11
248	Peroxidases Produced by New Ligninolytic <i>Bacillus</i> strains Isolated from Marsh and Grassland Decolourized Anthraquinone and Azo Dyes. <i>Polish Journal of Environmental Studies</i> , 2019, 28, 3163-3172.	0.6	11
249	In vitro Antibacterial Regimes of Crude Aqueous and Acetone Extracts of <i>Garcinia kola</i> Seeds. <i>Journal of Biological Sciences</i> , 2007, 8, 149-154.	0.1	11
250	Antimicrobial Resistance Profiles of Diarrheagenic <i>E. coli</i> (DEC) and <i>Salmonella</i> Species Recovered from Diarrheal Patients in Selected Rural Communities of the Amathole District Municipality, Eastern Cape Province, South Africa. <i>Infection and Drug Resistance</i> , 2020, Volume 13, 4615-4626.	1.1	11
251	Epidemiologic potentials and correlational analysis of <i>Vibrio</i> species and virulence toxins from water sources in greater Bushenyi districts, Uganda. <i>Scientific Reports</i> , 2021, 11, 22429.	1.6	11
252	Influence of physicochemical parameters on PPCP occurrences in the wetlands. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 339.	1.3	11

#	ARTICLE	IF	CITATIONS
253	Water Conservation and Culture of Indifference among College Students: The Nexus of Descriptive Norms. <i>Journal of Human Ecology: International, Interdisciplinary Journal of Man-environment Relationship</i> , 2015, 52, 15-25.	0.1	10
254	Molecular identification of some wild Nigerian mushrooms using internal transcribed spacer: polymerase chain reaction. <i>AMB Express</i> , 2018, 8, 148.	1.4	10
255	Elucidation of coding gene and characterization of alkaline metallo-keratinase produced by acidophilic <i>Bacillus</i> sp. Okoh-K1 grown on chicken feather. <i>Environmental Technology and Innovation</i> , 2021, 21, 101285.	3.0	10
256	Molecular Detection and Distribution of Six Medically Important <i>Vibrio</i> spp. in Selected Freshwater and Brackish Water Resources in Eastern Cape Province, South Africa. <i>Frontiers in Microbiology</i> , 2021, 12, 617703.	1.5	10
257	Polybrominated diphenyl ethers (PBDEs) in surface water and fish tissues from Sundays and Swartkops Estuaries, Eastern Cape Province, South Africa: Levels, spatial distribution, seasonal variation and health implications. <i>Regional Studies in Marine Science</i> , 2020, 36, 101319.	0.4	10
258	Identification of the Anti- <i>Listeria</i> Constituents in Partially Purified Column Chromatography Fractions of <i>Garcinia kola</i> Seeds and Their Interactions with Standard Antibiotics. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-8.	0.5	9
259	Evaluation of the anti- <i>Listeria</i> potentials of some plant-derived triterpenes. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2014, 13, 37.	1.7	9
260	Prevalence and antibiogram profiles of <i>Escherichia coli</i> O157:H7 isolates recovered from three selected dairy farms in the Eastern Cape Province, South Africa. <i>Asian Pacific Journal of Tropical Disease</i> , 2016, 6, 990-995.	0.5	9
261	Incidence and Molecular Characterization of Hepatitis E Virus from Swine in Eastern Cape, South Africa. <i>Advances in Virology</i> , 2017, 2017, 1-7.	0.5	9
262	<i>Chryseobacterium aquifrigidense</i> keratinase liberated essential and nonessential amino acids from chicken feather degradation. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 293-303.	1.2	9
263	Antibiogram of <i>Stenotrophomonas maltophilia</i> Isolated From Nkonkobe Municipality, Eastern Cape Province, South Africa. <i>Jundishapur Journal of Microbiology</i> , 2014, 8, e13975.	0.2	9
264	Occurrence, identification, and antibiogram signatures of selected Enterobacteriaceae from Tsomo and Tyhume rivers in the Eastern Cape Province, Republic of South Africa. <i>PLoS ONE</i> , 2020, 15, e0238084.	1.1	9
265	Spatiotemporal Distribution and Analysis of Organophosphate Flame Retardants in the Environmental Systems: A Review. <i>Molecules</i> , 2022, 27, 573.	1.7	9
266	Real-time PCR quantitative assessment of hepatitis A virus, rotaviruses and enteroviruses in the Tyume River located in the Eastern Cape Province, South Africa. <i>Water S A</i> , 2013, 39, .	0.2	8
267	Mixed Culture Fermentation and Media Optimization by Response Surface Model: <i>Streptomyces</i> and <i>Brachybacterium</i> Species in Bioflocculant Production. <i>Molecules</i> , 2014, 19, 11131-11144.	1.7	8
268	Bioflocculation potentials of a uronic acid-containing glycoprotein produced by <i>Bacillus</i> sp. AEMREG4 isolated from Tyhume River, South Africa. <i>3 Biotech</i> , 2017, 7, 78.	1.1	8
269	Characterisation and Antibiotic Resistance of Selected Bacterial Pathogens Recovered from Dairy Cattle Manure during Anaerobic Mono-Digestion in a Balloon-Type Digester. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2088.	1.3	8
270	Exoproduction and Molecular Characterization of Peroxidase from <i>Ensifer adhaerens</i> . <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3121.	1.3	8

#	ARTICLE	IF	CITATIONS
271	Increasing diversity of swine parvoviruses and their epidemiology in African pigs. <i>Infection, Genetics and Evolution</i> , 2019, 73, 175-183.	1.0	8
272	Studies on peroxidase production and detection of <i>Sporotrichum thermophile</i> -like catalase-peroxidase gene in a <i>Bacillus</i> species isolated from Hogsback forest reserve, South Africa. <i>Heliyon</i> , 2019, 5, e03012.	1.4	8
273	Agrowastes utilization by <i>Raoultella ornithinolytica</i> for optimal extracellular peroxidase activity. <i>Biotechnology and Applied Biochemistry</i> , 2019, 66, 60-67.	1.4	8
274	Antibiogram Signatures of Some Enterobacteria Recovered from Irrigation Water and Agricultural Soil in two District Municipalities of South Africa. <i>Microorganisms</i> , 2020, 8, 1206.	1.6	8
275	<i>Enterobacter cloacae</i> harbouring <i>bla</i> _{NDM-1} , <i>bla</i> _{KPC} , and <i>bla</i> _{OXA-48-like} carbapenem-resistant genes isolated from different environmental sources in South Africa. <i>International Journal of Environmental Studies</i> , 2021, 78, 151-164.	0.7	8
276	Prevalence of <i>E. coli</i> O157:H7 strains in irrigation water and agricultural soil in two district municipalities in South Africa. <i>International Journal of Environmental Studies</i> , 2021, 78, 474-483.	0.7	8
277	Improving the Solid Fuel Properties of Non-Lignocellulose and Lignocellulose Materials through Torrefaction. <i>Materials</i> , 2021, 14, 2072.	1.3	8
278	Characterization of a thermostable and solvent-tolerant laccase produced by <i>Streptomyces</i> sp. LAO. <i>Biotechnology Letters</i> , 2021, 43, 1429-1442.	1.1	8
279	Global research direction on Pt and Pt based electrocatalysts for fuel cells application between 1990 and 2019: A bibliometric analysis. <i>International Journal of Energy Research</i> , 2021, 45, 15783-15796.	2.2	8
280	The Abundance of Genes Encoding ESBL, pAmpC and Non-β-Lactam Resistance in Multidrug-Resistant Enterobacteriaceae Recovered From Wastewater Effluents. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	8
281	Studies on Biofloculant Production by <i>Bacillus</i> sp. AEMREG7. <i>Polish Journal of Environmental Studies</i> , 2016, 25, 241-250.	0.6	8
282	Atypical and dual biotypes variant of virulent SA-NAG- <i>Vibrio cholerae</i> : an evidence of emerging/evolving patho-significant strain in municipal domestic water sources. <i>Annals of Microbiology</i> , 2022, 72, .	1.1	8
283	Processed ready-to-eat (RTE) foods sold in Yenagoa Nigeria were colonized by diarrheagenic <i>Escherichia coli</i> which constitute a probable hazard to human health. <i>PLoS ONE</i> , 2022, 17, e0266059.	1.1	8
284	Non-serogroup O1/O139 agglutinable <i>Vibrio cholerae</i> : a phylogenetically and genealogically neglected yet emerging potential pathogen of clinical relevance. <i>Archives of Microbiology</i> , 2022, 204, 323.	1.0	8
285	The effectiveness of silver nanoparticles as a clean-up material for water polluted with bacteria DNA conveying antibiotics resistance genes: Effect of different molar concentrations and competing ions. <i>OpenNano</i> , 2022, 7, 100060.	1.8	8
286	Escravos light crude oil degrading potentials of axenic and mixed bacterial cultures. <i>Journal of General and Applied Microbiology</i> , 2008, 54, 277-284.	0.4	7
287	Effects of Fractionation and Combinatorial Evaluation of <i>Tamarindus indica</i> Fractions for Antibacterial Activity. <i>Molecules</i> , 2011, 16, 4818-4827.	1.7	7
288	Antibiogram characterization and putative virulence genes in <i>Aeromonas</i> species isolated from pig fecal samples. <i>Environmental Science and Pollution Research</i> , 2016, 23, 12199-12205.	2.7	7

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289	Ethanol extract and chromatographic fractions of <i>Tamarindus indica</i> stem bark inhibits Newcastle disease virus replication. <i>Pharmaceutical Biology</i> , 2017, 55, 1806-1808.	1.3	7
290	Recreational water quality status of the Kidd's Beach as determined by its physicochemical and bacteriological quality parameters. <i>Heliyon</i> , 2019, 5, e01893.	1.4	7
291	Modelling the effects of physicochemical variables and anthropogenic activities as ecological drivers of <i>Plesiomonas shigelloides</i> distribution and freshwaters quality. <i>Science of the Total Environment</i> , 2019, 682, 765-778.	3.9	7
292	Genetic characterization and diversity of porcine circovirus type 2 in non-vaccinated South African swine herds. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 412-421.	1.3	7
293	Phylogenetic profiling for zoonotic <i>Ehrlichia</i> spp. from ixodid ticks in the Eastern Cape, South Africa. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 1247-1256.	1.3	7
294	A Systematic Analysis of Research on <i>Arcobacter</i> : Public Health Implications from a Food-Environment Interphase Perspective. <i>Foods</i> , 2021, 10, 1673.	1.9	7
295	Organochlorine Pesticides in Selected Sewage Sludge in South Africa : Assessment and Method Validation. <i>Polish Journal of Environmental Studies</i> , 2020, 29, 1021-1028.	0.6	7
296	Algae as an Important Resource of Natural Products of Medical and Biotechnological Importance: A Mini-Review. , 2017, 1, 188-190.		7
297	Global Systematic Mapping of Road Dust Research from 1906 to 2020: Research Gaps and Future Direction. <i>Sustainability</i> , 2021, 13, 11516.	1.6	7
298	Biofloculant production by <i>Bacillus</i> sp. Gilbert isolated from a marine environment in South Africa. <i>Prikladnaia Biokhimiia I Mikrobiologiia</i> , 2014, 50, 59-64.	0.4	7
299	Biocidal activity of partially purified fractions from methanolic extract of <i>Garcinia kola</i> (Heckel) seeds on bacterial isolates. <i>Biological Research</i> , 2008, 41, 277-87.	1.5	7
300	Studies on the biocidal and cell membrane disruption potentials of stem bark extracts of <i>Azela africana</i> (Smith). <i>Biological Research</i> , 2009, 42, 339-49.	1.5	7
301	Occurrence of herbicides in the aquatic environment and their removal using advanced oxidation processes: a critical review. <i>Environmental Geochemistry and Health</i> , 2023, 45, 1231-1260.	1.8	7
302	The aerobic dechlorination activities of two bacterial species isolated from a refuse dumpsite in Nigeria. <i>International Microbiology</i> , 2002, 5, 21-24.	1.1	6
303	Acute Toxicity and Hepatotoxicokinetic Studies of <i>Tamarindus indica</i> Extract. <i>Molecules</i> , 2011, 16, 7415-7427.	1.7	6
304	Sustainable water use and the nexus of behavioural intentions: the case of four South African communities. <i>Water and Environment Journal</i> , 2018, 32, 285-291.	1.0	6
305	Limpet (<i>Scutellastra cochlear</i>) Recovered From Some Estuaries in the Eastern Cape Province, South Africa Act as Reservoirs of Pathogenic <i>Vibrio</i> Species. <i>Frontiers in Public Health</i> , 2018, 6, 237.	1.3	6
306	Seasonal variation of volatile oil composition and antioxidant property of aerial parts of <i>Syzygium paniculatum</i> Gaertn. grown in the Eastern Cape, South Africa. <i>Natural Product Research</i> , 2019, 33, 2276-2280.	1.0	6

#	ARTICLE	IF	CITATIONS
307	Molecular detection of antibiotic resistance and virulence gene determinants of <i>Enterococcus</i> species isolated from coastal water in the Eastern Cape Province, South Africa. <i>International Journal of Environmental Studies</i> , 2021, 78, 208-227.	0.7	6
308	Occurrence of Norovirus in pig faecal samples in the Eastern Cape, South Africa. <i>Asian Pacific Journal of Tropical Disease</i> , 2017, 7, 151-155.	0.5	6
309	Prevalence of Vancomycin Resistant <i>Enterococcus</i> in Wastewater Treatment Plants and Their Recipients for Reuse Using PCR and MALDI-ToF MS. <i>Frontiers in Environmental Science</i> , 2022, 9, .	1.5	6
310	In Vitro Antilisterial Properties of Crude Methanol Extracts of <i>Garcinia kola</i> (Heckel) Seeds. <i>Scientific World Journal</i> , The, 2012, 2012, 1-7.	0.8	5
311	Synthesis, characterization and antibacterial studies of metal complexes of sulfadiazine with N-alkyl-N-phenyldithiocarbamate. <i>Bulletin of the Chemical Society of Ethiopia</i> , 2012, 27, .	0.5	5
312	Characterization of a biofloculant produced from the consortium of three marine bacteria of the genera <i>Cobetia</i> and <i>Bacillus</i> and its application for wastewater treatment. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2015, 5, 81-88.	0.7	5
313	Characterization and Flocculating Properties of a Biopolymer Produced by <i>Halomonas</i> sp. Okoh. <i>Water Environment Research</i> , 2015, 87, 298-303.	1.3	5
314	Low serum ferritin and G6PD deficiency as potential predictors of anaemia in pregnant women visiting Prime Care Hospital Enugu Nigeria. <i>BMC Research Notes</i> , 2017, 10, 721.	0.6	5
315	Distribution of polychlorinated biphenyl along the course of the Buffalo River, Eastern Cape Province, South Africa, and possible health risks. <i>Water S A</i> , 2018, 44, .	0.2	5
316	Analyses of HIV-1 integrase gene sequences among treatment-naïve patients in the Eastern Cape, South Africa. <i>Journal of Medical Virology</i> , 2020, 92, 1165-1172.	2.5	5
317	Distribution and Public Health Significance of <i>Vibrio</i> Pathogens Recovered from Selected Treated Effluents in the Eastern Cape Province, South Africa. <i>Water (Switzerland)</i> , 2021, 13, 932.	1.2	5
318	Torrefaction Characteristics of Blended Ratio of Sewage Sludge and Sugarcane Bagasse for Energy Production. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2654.	1.3	5
319	Occurrence and antibiogram signatures of some <i>Vibrio</i> species recovered from selected rivers in South West Nigeria. <i>Environmental Science and Pollution Research</i> , 2021, 28, 42458-42476.	2.7	5
320	Spatial and seasonal variations of endocrine disrupting compounds in water and sediment samples of Markman Canal and Swartkops River Estuary, South Africa and their ecological risk assessment. <i>Marine Pollution Bulletin</i> , 2021, 173, 113012.	2.3	5
321	Agroresidues enhanced peroxidase activity expression by <i>Bacillus</i> sp. MABINYA-1 under submerged fermentation. <i>Bioresources and Bioprocessing</i> , 2020, 7, .	2.0	5
322	The Culturable Microbial and Chemical Qualities of Some Waters Used for Drinking and Domestic Purposes in a Typical Rural Setting of Southwestern Nigeria. <i>Journal of Applied Sciences</i> , 2005, 5, 1041-1048.	0.1	5
323	Endoglucanase and Xylanase Production by <i>Chryseobacterium</i> Species Isolated from Decaying Biomass. <i>Polish Journal of Environmental Studies</i> , 2017, 26, 2651-2660.	0.6	5
324	Occurrence and Risk Assessment of Polybrominated Diphenyl Ethers in Surface Water and Sediment of Nahoon River Estuary, South Africa. <i>Molecules</i> , 2022, 27, 832.	1.7	5

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325	Optimization of Process Conditions for the Production of Holocellulase by a <i>Bacillus</i> Species Isolated from Nahoon Beach Sediments. <i>American Journal of Biochemistry and Biotechnology</i> , 2017, 13, 70-80.	0.1	4
326	Inhibitory effects of <i>Azadirachta indica</i> secondary metabolites formulated cosmetics on some infectious pathogens and oxidative stress radicals. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 123.	3.7	4
327	Clonality and genetic profiles of drug-resistant <i>Mycobacterium tuberculosis</i> in the Eastern Cape Province, South Africa. <i>MicrobiologyOpen</i> , 2019, 8, e00449.	1.2	4
328	Molecular Characterization, Intra-Species Diversity and Abundance of Freshwater <i>Plesiomonas shigelloides</i> Isolates. <i>Microorganisms</i> , 2020, 8, 1081.	1.6	4
329	Seasonal Shift in Physicochemical Factors Revealed the Ecological Variables that Modulate the Density of <i>Acinetobacter</i> Species in Freshwater Resources. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3606.	1.2	4
330	Antibiogram imprints of <i>E. coli</i> O157:H7 recovered from irrigation water and agricultural soil samples collected from two district municipalities in South Africa. <i>International Journal of Environmental Studies</i> , 2021, 78, 940-953.	0.7	4
331	Multidrug resistance in <i>Enterococcus</i> species of faecal origin from commercial dairy lactating cattle: Public health concern. <i>Asian Pacific Journal of Tropical Disease</i> , 2017, 7, 665-670.	0.5	4
332	Incidence and antimicrobial susceptibility of <i>Escherichia coli</i> O157:H7 isolates recovered from dairy farms in Amathole District Municipality, Eastern Cape, South Africa. <i>Asian Pacific Journal of Tropical Disease</i> , 2017, 7, 765-770.	0.5	4
333	Characterizing Bacteria and Methanogens in a Balloon-Type Digester Fed with Dairy Cattle Manure for Anaerobic Mono-Digestion. <i>Polish Journal of Environmental Studies</i> , 2019, 28, 1287-1293.	0.6	4
334	Physicochemical Properties and Total Coliform Distribution of Selected Rivers in Osun State, Southwestern Nigeria. <i>Polish Journal of Environmental Studies</i> , 2019, 28, 4417-4428.	0.6	4
335	Modelling the Potential Risk of Infection Associated with <i>Listeria monocytogenes</i> in Irrigation Water and Agricultural Soil in Two District Municipalities in South Africa. <i>Microorganisms</i> , 2022, 10, 181.	1.6	4
336	In Vitro Anti-Listerial Activities of Crude n-Hexane and Aqueous Extracts of <i>Garcinia kola</i> (heckel) Seeds. <i>International Journal of Molecular Sciences</i> , 2011, 12, 6952-6965.	1.8	3
337	Evaluation of Saponin Extract from <i>Vitex doniana</i> and <i>Pentaclethra macrophylla</i> for Antibacterial Activity. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 180.	1.3	3
338	Substituted 4-Acyl-5-methyl-2-phenyl-pyrazol-3-one-phenylhydrazones with Antioxidant Properties: X-Ray Crystal and Spectroscopic Studies. <i>Journal of Chemistry</i> , 2017, 2017, 1-10.	0.9	3
339	Effect of Varying Inclusion Levels of Fossil Shell Flour on Growth Performance, Water Intake, Digestibility and N Retention in Dohne-Merino Wethers. <i>Animals</i> , 2019, 9, 565.	1.0	3
340	Molecular determination of genetic diversity among <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> isolated from milk, water, and meat samples using enterobacterial repetitive intergenic consensus PCR (ERIC-PCR). <i>Infection Ecology and Epidemiology</i> , 2020, 10, 1830701.	0.5	3
341	High Levels of Multi Drug Resistant <i>Escherichia coli</i> Pathovars in Preharvest Environmental Samples: A Ticking Time Bomb for Fresh Produce Related Disease Outbreak. <i>Frontiers in Environmental Science</i> , 2022, 10, .	1.5	3
342	Seasonal variations and associated health risks of polychlorinated naphthalenes in Markman Canal, Eastern Cape Province, South Africa. <i>Environmental Geochemistry and Health</i> , 2023, 45, 2051-2063.	1.8	3

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343	Synergistic Effects of n-Hexane Fraction of <i>Parkia biglobosa</i> (Jacq.) Bark Extract and Selected Antibiotics on Bacterial Isolates. <i>Sustainability</i> , 2017, 9, 228.	1.6	2
344	Comparative Study of Chemical Profiles of Leaf, Root and Seed Essential Oils of <i>Clausena anisata</i> (Willd.) Hook. <i>Asian Journal of Chemistry</i> , 2018, 30, 487-490.	0.1	2
345	HIV-1 drug resistance surveillance among parturient women on anti-retroviral therapy in the Eastern Cape, South Africa: Implications for elimination of mother-to-child transmission. <i>Journal of Clinical Virology</i> , 2019, 117, 89-95.	1.6	2
346	Pervasiveness of diarrheagenic <i>E. coli</i> pathotypes and <i>Salmonella</i> species among gastroenteritis patients in some selected pastoral hinterlands of the Amathole district municipality, Eastern Cape, South Africa. <i>Human Microbiome Journal</i> , 2020, 17, 100074.	3.8	2
347	Effects of fossil shell flour supplementation on heat tolerance of dohne merino rams. <i>Veterinary and Animal Science</i> , 2020, 10, 100133.	0.6	2
348	In Vitro Assessment of Antiplasmodial and Antitrypanosomal Activities of Chloroform, Ethyl Acetate and Ethanol Leaf Extracts of <i>Oedera genistifolia</i> . <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6987.	1.3	2
349	Genetic Characterization of HIV-1 Subtype A1/C/D/B/K Unique Recombinant Form from Eastern Cape, South Africa. <i>AIDS Research and Human Retroviruses</i> , 2021, 37, 162-168.	0.5	2
350	Antibiogram Profile of <i>Acinetobacterbaumannii</i> Recovered from Selected Freshwater Resources in the Eastern Cape Province, South Africa. <i>Pathogens</i> , 2021, 10, 1110.	1.2	2
351	Evaluating Nahoon Beach and Canal Waters in Eastern Cape, South Africa: A Public Health Concern. <i>Polish Journal of Environmental Studies</i> , 2019, 28, 1115-1125.	0.6	2
352	Diagnosing Diabetes Mellitus With Glycated Haemoglobin in Newly Diagnosed HIV-positive Patients in Buffalo City Municipality, South Africa: A Cross-sectional Study. <i>Open Public Health Journal</i> , 2019, 12, 263-268.	0.1	2
353	Isolation and Characterization of Antibacterial Metabolites Produced by <i>Streptomyces</i> species from Escravos River, Delta State, Nigeria. , 2017, 1, 22-31.		2
354	Spatial monitoring and health risk assessment of polybrominated diphenyl ethers in environmental matrices from an industrialized impacted canal in South Africa. <i>Environmental Geochemistry and Health</i> , 2022, 44, 3409-3424.	1.8	2
355	Vancomycin and Oxacillin Co-Resistance of Commensal <i>Staphylococci</i> . <i>Jundishapur Journal of Microbiology</i> , 2014, 7, e9310.	0.2	2
356	Study on the adsorption of metal ions onto azomethine functionalized magnetic nanoparticles in a single- and competitive-aqueous system. , 0, 146, 236-244.		2
357	Lethality of resistant/virulent environmental vibrio cholerae in wastewater release: An evidence of emerging virulent/antibiotic-resistant-bacteria contaminants of public health concern. <i>Environmental Challenges</i> , 2022, 7, 100504.	2.0	2
358	Aerobic Heterotrophic Bacterial and Fungal Communities in the Topsoil of Omo Biosphere Reserve in Southwestern Nigeria1. <i>Biotropica</i> , 2000, 32, 208-212.	0.8	1
359	Gas chromatography-mass spectrometry characterisation of the anti- <i>Listeria</i> components of <i>Garcinia kola</i> seeds. <i>Applied Biochemistry and Microbiology</i> , 2014, 50, 297-305.	0.3	1
360	Diversity of <i>Mycobacterium tuberculosis</i> Complex from Cattle Lymph Nodes in Eastern Cape Province. <i>BioMed Research International</i> , 2018, 2018, 1-12.	0.9	1

#	ARTICLE	IF	CITATIONS
361	Detection of Pools of Bacteria with Public Health Importance in Wastewater Effluent from a Municipality in South Africa Using Next Generation Sequencing and Metagenomics Analysis. Lecture Notes in Computer Science, 2019, , 136-146.	1.0	1
362	Rotavirus and Cryptosporidium pathogens as etiological proxies of gastroenteritis in some pastoral communities of the Amathole District Municipality, Eastern Cape, South Africa. BMC Research Notes, 2020, 13, 187.	0.6	1
363	Prevalence and Characterisation of Non-Cholerae Vibrio spp. in Final Effluents of Wastewater Treatment Facilities in Two Districts of the Eastern Cape Province of South Africa: Implications for Public Health. , 2015, , 27-50.		1
364	Molecular screening of ticks for the presence of Rickettsia species: A public health concern. Asian Pacific Journal of Tropical Disease, 2017, 7, 199-204.	0.5	1
365	Studies on Drug Resistance among Klebsiella and Citrobacter spp Isolated from two Human Groups and Wild Animals. Jundishapur Journal of Microbiology, 2017, 11, .	0.2	1
366	Comparison of Topsoil Microbial Populations in Vegetation Systems of Southwestern Nigeria during Dry and Wet Seasons.. Microbes and Environments, 1999, 14, 227-231.	0.7	0
367	Genomic Profiling for Piropalms in Feeding Ixodid Ticks in the Eastern Cape, South Africa. Pathogens, 2020, 9, 1061.	1.2	0
368	Factors Associated With Peripartum Virologic Suppression in Eastern Cape Province, South Africa: A Retrospective Cross-Sectional Analysis. Clinical Infectious Diseases, 2021, 73, 1750-1758.	2.9	0
369	Inadequately Treated Wastewater as a Source of Human Enteric Viruses in the Environment. , 2015, , 3-26.		0
370	Molecular Genetics and the Incidence of Transmitted Drug Resistance Among Pre-Treatment HIV-1 Infected Patients in the Eastern Cape, South Africa. Current HIV Research, 2019, 17, 335-342.	0.2	0
371	Multidrug-Resistant Vibrio species recovered from some Freshwater Resources in Southwest Nigeria: a public health concern. Access Microbiology, 2020, 2, .	0.2	0
372	Prioritization of health emergency research and disaster preparedness. , 2022, , 465-486.		0
373	Estimating the Risk of Acute Gastrointestinal Disease Attributed to E. coli O157:H7 in Irrigation Water and Agricultural Soil: A Quantitative Microbial Risk Assessment. Sustainability, 2022, 14, 1878.	1.6	0
374	Influence of different Ag/ <sc>ZnO</sc> heterostructures on the removal efficiency of multidrug-resistant <i>Enterococcus faecium</i> harbouring multiple resistance genes from tap water. Environmental Progress and Sustainable Energy, 0, , .	1.3	0
375	A Review on SARS-CoV-2 Genome in the Aquatic Environment of Africa: Prevalence, Persistence and the Future Prospects. Water (Switzerland), 2022, 14, 2020.	1.2	0