

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	<i>Chryseobacterium aquifrigidense</i> keratinase liberated essential and nonessential amino acids from chicken feather degradation. Environmental Technology (United Kingdom), 2023, 44, 293-303.	1.2	9
2	Occurrence of herbicides in the aquatic environment and their removal using advanced oxidation processes: a critical review. Environmental Geochemistry and Health, 2023, 45, 1231-1260.	1.8	7
3	Seasonal variations and associated health risks of polychlorinated naphthalenes in Markman Canal, Eastern Cape Province, South Africa. Environmental Geochemistry and Health, 2023, 45, 2051-2063.	1.8	3
4	Antibiogram signatures of Vibrio species recovered from surface waters in South Western districts of Uganda: Implications for environmental pollution and infection control. Science of the Total Environment, 2022, 807, 150706.	3.9	19
5	Spatial monitoring and health risk assessment of polybrominated diphenyl ethers in environmental matrices from an industrialized impacted canal in South Africa. Environmental Geochemistry and Health, 2022, 44, 3409-3424.	1.8	2
6	Incidence and genetic diversity of multi-drug resistant Listeria monocytogenes isolates recovered from fruits and vegetables in the Eastern Cape Province, South Africa. International Journal of Food Microbiology, 2022, 363, 109513.	2.1	12
7	Atypical and dual biotypes variant of virulent SA-NAG-Vibrio cholerae: an evidence of emerging/evolving patho-significant strain in municipal domestic water sources. Annals of Microbiology, 2022, 72, .	1.1	8
8	Spatiotemporal Distribution and Analysis of Organophosphate Flame Retardants in the Environmental Systems: A Review. Molecules, 2022, 27, 573.	1.7	9
9	Prioritization of health emergency research and disaster preparedness. , 2022, , 465-486.		0
10	Occurrence and Risk Assessment of Polybrominated Diphenyl Ethers in Surface Water and Sediment of Nahoon River Estuary, South Africa. Molecules, 2022, 27, 832.	1.7	5
11	Analytical Evaluation of Carbamate and Organophosphate Pesticides in Human and Environmental Matrices: A Review. Molecules, 2022, 27, 618.	1.7	52
12	Prevalence of Vancomycin Resistant Enterococcus in Wastewater Treatment Plants and Their Recipients for Reuse Using PCR and MALDI-ToF MS. Frontiers in Environmental Science, 2022, 9, .	1.5	6
13	Modelling the Potential Risk of Infection Associated with Listeria monocytogenes in Irrigation Water and Agricultural Soil in Two District Municipalities in South Africa. Microorganisms, 2022, 10, 181.	1.6	4
14	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
15	High Levels of Multi Drug Resistant Escherichia coli Pathovars in Preharvest Environmental Samples: A Ticking Time Bomb for Fresh Produce Related Disease Outbreak. Frontiers in Environmental Science, 2022, 10, .	1.5	3
16	Processed ready-to-eat (RTE) foods sold in Yenagoa Nigeria were colonized by diarrheagenic Escherichia coli which constitute a probable hazard to human health. PLoS ONE, 2022, 17, e0266059.	1.1	8
17	Lethality of resistant/virulent environmental vibrio cholerae in wastewater release: An evidence of emerging virulent/antibiotic-resistant-bacteria contaminants of public health concern. Environmental Challenges, 2022, 7, 100504.	2.0	2
18	Influence of physicochemical parameters on PPCP occurrences in the wetlands. Environmental Monitoring and Assessment, 2022, 194, 339.	1.3	11

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19	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
20	A Review on SARS-CoV-2 Genome in the Aquatic Environment of Africa: Prevalence, Persistence and the Future Prospects. <i>Water (Switzerland)</i> , 2022, 14, 2020.	1.2	0
21	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
22	<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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	Factors Associated With Peripartum Virologic Suppression in Eastern Cape Province, South Africa: A Retrospective Cross-Sectional Analysis. <i>Clinical Infectious Diseases</i> , 2021, 73, 1750-1758.	2.9	0
33	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
34	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
35	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
36	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

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37	Improving the Solid Fuel Properties of Non-Lignocellulose and Lignocellulose Materials through Torrefaction. <i>Materials</i> , 2021, 14, 2072.	1.3	8
38	Polybrominated diphenyl ethers in the environmental systems: a review. <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 1229-1247.	1.4	26
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	Antibiogram Profile of <i>Acinetobacter baumannii</i> Recovered from Selected Freshwater Resources in the Eastern Cape Province, South Africa. <i>Pathogens</i> , 2021, 10, 1110.	1.2	2
49	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
50	Technological advancement for eliminating antibiotic resistance genes from wastewater: A review of their mechanisms and progress. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106183.	3.3	28
51	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
52	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
53	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
54	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

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55	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
56	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
57	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
58	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
59	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
60	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
61	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
62	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
63	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
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	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
72	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

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73	Systematic Assessment of Mycobacterium avium Subspecies Paratuberculosis Infections from 1911–2019: A Growth Analysis of Association with Human Autoimmune Diseases. <i>Microorganisms</i> , 2020, 8, 1212.	1.6	21
74	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
75	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
76	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
77	Molecular Characterization, Intra-Species Diversity and Abundance of Freshwater <i>Plesiomonas shigelloides</i> Isolates. <i>Microorganisms</i> , 2020, 8, 1081.	1.6	4
78	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
79	Global research trends on bioflocculant 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
80	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
81	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
82	Genomic Profiling for Piroplasms in Feeding Ixodid Ticks in the Eastern Cape, South Africa. <i>Pathogens</i> , 2020, 9, 1061.	1.2	0
83	Microbial Keratinase: Next Generation Green Catalyst and Prospective Applications. <i>Frontiers in Microbiology</i> , 2020, 11, 580164.	1.5	54
84	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
85	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
86	Proteolytic bacteria isolated from agro-waste dumpsites produced keratinolytic enzymes. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2020, 27, e00483.	2.1	19
87	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
88	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
89	Antibiogram and beta-lactamase genes among cefotaxime resistant <i>E. coli</i> from wastewater treatment plant. <i>Antimicrobial Resistance and Infection Control</i> , 2020, 9, 46.	1.5	29
90	<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

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91	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
92	<i>Listeria monocytogenes</i> Virulence, Antimicrobial Resistance and Environmental Persistence: A Review. <i>Pathogens</i> , 2020, 9, 528.	1.2	72
93	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
94	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
95	Overview of listeriosis in the Southern African Hemisphere – Review. <i>Journal of Food Safety</i> , 2020, 40, e12732.	1.1	29
96	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
97	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
98	Rotavirus and <i>Cryptosporidium</i> pathogens as etiological proxies of gastroenteritis in some pastoral communities of the Amathole District Municipality, Eastern Cape, South Africa. <i>BMC Research Notes</i> , 2020, 13, 187.	0.6	1
99	<i>Bacillus</i> sp. FPF-1 Produced Keratinase with High Potential for Chicken Feather Degradation. <i>Molecules</i> , 2020, 25, 1505.	1.7	34
100	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
101	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
102	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
103	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
104	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
105	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
106	Multidrug-Resistant <i>Vibrio</i> species recovered from some Freshwater Resources in Southwest Nigeria: a public health concern. <i>Access Microbiology</i> , 2020, 2, .	0.2	0
107	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
108	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

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109	Multiple nitrogen functionalized magnetic nanoparticles as an efficient adsorbent: synthesis, kinetics, isotherm and thermodynamic studies for the removal of rhodamine B from aqueous solution. <i>Scientific Reports</i> , 2019, 9, 9672.	1.6	29
110	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
111	Phenolic composition, antioxidant activity, anticholinesterase potential and modulatory effects of aqueous extracts of some seaweeds on I ² -amyloid aggregation and disaggregation. <i>Pharmaceutical Biology</i> , 2019, 57, 460-469.	1.3	29
112	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
113	Distribution of organochlorine pesticides in fresh fish carcasses from selected estuaries in Eastern Cape Province, South Africa, and the associated health risk assessment. <i>Marine Pollution Bulletin</i> , 2019, 149, 110605.	2.3	28
114	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
115	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
116	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
117	Exoproduction and Molecular Characterization of Peroxidase from <i>Ensifer adhaerens</i> . <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3121.	1.3	8
118	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
119	Occurrence and risk evaluation of organochlorine contaminants in surface water along the course of Swartkops and Sundays River Estuaries, Eastern Cape Province, South Africa. <i>Environmental Geochemistry and Health</i> , 2019, 41, 2777-2801.	1.8	36
120	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
121	Aptitude of Oxidative Enzymes for Treatment of Wastewater Pollutants: A Laccase Perspective. <i>Molecules</i> , 2019, 24, 2064.	1.7	93
122	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
123	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
124	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
125	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
126	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

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127	Levels of Polycyclic Aromatic Hydrocarbons in the Water and Sediment of Buffalo River Estuary, South Africa and Their Health Risk Assessment. Archives of Environmental Contamination and Toxicology, 2019, 76, 657-669.	2.1	147
128	Increasing diversity of swine parvoviruses and their epidemiology in African pigs. Infection, Genetics and Evolution, 2019, 73, 175-183.	1.0	8
129	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
130	Aqueous ethanol extracts of some South African seaweeds inhibit beta amyloid aggregation, cholinesterases, and beta secretase activities in vitro. Journal of Food Biochemistry, 2019, 43, e12870.	1.2	22
131	Synthesis, characterization, antimalarial, antitrypanocidal and antimicrobial properties of gold nanoparticle. Green Chemistry Letters and Reviews, 2019, 12, 61-68.	2.1	35
132	Fossil Shell Flour in Livestock Production: A Review. Animals, 2019, 9, 70.	1.0	19
133	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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