

Anthony I Okoh

List of Publications by Citations

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

358 papers	7,745 citations	40 h-index	68 g-index
380 ext. papers	9,913 ext. citations	4.1 avg, IF	7.07 L-index

#	Paper	IF	Citations
358	Bacterial exopolysaccharides: functionality and prospects. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 14002-15	6.3	375
357	Antibiotic Use in Agriculture and Its Consequential Resistance in Environmental Sources: Potential Public Health Implications. <i>Molecules</i> , 2018 , 23,	4.8	345
356	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	0.6	235
355	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	4.7	203
354	Emerging <i>Aeromonas</i> species infections and their significance in public health. <i>Scientific World Journal, The</i> , 2012 , 2012, 625023	2.2	176
353	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, 2620-37	4.6	164
352	as an Emerging Ubiquitous Pathogen: Looking Beyond Contemporary Antibiotic Therapy. <i>Frontiers in Microbiology</i> , 2017 , 8, 2276	5.7	137
351	Lignin peroxidase functionalities and prospective applications. <i>MicrobiologyOpen</i> , 2017 , 6, e00394	3.4	135
350	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	3.3	119
349	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, 4390-417	4.6	105
348	An Overview of the Control of Bacterial Pathogens in Cattle Manure. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13,	4.6	99
347	Emerging <i>Vibrio</i> species: an unending threat to public health in developing countries. <i>Research in Microbiology</i> , 2008 , 159, 495-506	4	87
346	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	4.5	79
345	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, 143-51	3.4	71
344	Triclosan in water, implications for human and environmental health. <i>SpringerPlus</i> , 2016 , 5, 1639		70
343	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	3.2	66
342	Implications for public health demands alternatives to inorganic and synthetic flocculants: bioflocculants as important candidates. <i>MicrobiologyOpen</i> , 2016 , 5, 177-211	3.4	66

341	Slurry-phase biodegradation of weathered oily sludge waste. <i>Chemosphere</i> , 2008 , 70, 737-44	8.4	62
340	Therapeutic Potentials of Microalgae in the Treatment of Alzheimer's Disease. <i>Molecules</i> , 2017 , 22,	4.8	61
339	Multiple antibiotic resistances among Shiga toxin producing Escherichia coli O157 in feces of dairy cattle farms in Eastern Cape of South Africa. <i>BMC Microbiology</i> , 2015 , 15, 213	4.5	61
338	A global bibliometric analysis of Plesiomonas-related research (1990 - 2017). <i>PLoS ONE</i> , 2018 , 13, e0207655	5.7	60
337	Aptitude of Oxidative Enzymes for Treatment of Wastewater Pollutants: A Laccase Perspective. <i>Molecules</i> , 2019 , 24,	4.8	59
336	Antibiotic susceptibilities of enterococcus 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, 4231-46	4.6	55
335	Bioflocculant production by Virgibacillus sp. Rob isolated from the bottom sediment of Algoa Bay in the Eastern Cape, South Africa. <i>Molecules</i> , 2011 , 16, 2431-42	4.8	55
334	Antimicrobial resistance determinants of Escherichia coli 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	10.2	53
333	Human campylobacteriosis: A public health concern of global importance. <i>Heliyon</i> , 2019 , 5, e02814	3.6	53
332	Assessment of bioflocculant production by Bacillus sp. Gilbert, a marine bacterium isolated from the bottom sediment of Algoa Bay. <i>Marine Drugs</i> , 2011 , 9, 1232-42	6	51
331	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,	4.6	51
330	Bioflocculant production by a consortium of Streptomyces and Cellulomonas species and media optimization via surface response model. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 116, 257-64	6	49
329	Vibrio fluvialis: an unusual enteric pathogen of increasing public health concern. <i>International Journal of Environmental Research and Public Health</i> , 2010 , 7, 3628-43	4.6	49
328	Characterization of a bioflocculant produced by a consortium of Halomonas sp. Okoh and Micrococcus sp. Leo. <i>International Journal of Environmental Research and Public Health</i> , 2013 , 10, 5097-110	4.6	48
327	Polyphenolic contents and antioxidant potential of stem bark extracts from Jatropha curcas (Linn). <i>International Journal of Molecular Sciences</i> , 2011 , 12, 2958-71	6.3	48
326	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	4.8	48
325	Vibrio 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,	4.6	46
324	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	7.4	45

323	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, 10969-80	5.1	45
322	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	4	42
321	Occurrence of organochlorine pesticide residues in biological and environmental matrices in Africa: A two-decade review. <i>Heliyon</i> , 2020 , 6, e03518	3.6	41
320	Characterization of a Bioflocculant (MBF-UFH) Produced by <i>Bacillus</i> sp. AEMREG7. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 12986-3003	6.3	41
319	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	8.4	40
318	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	4.7	40
317	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	4.5	39
316	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, 4125-36	5.1	39
315	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, 4017-32	4.6	39
314	Studies on bioflocculant 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, 1054-65	6.3	39
313	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	6.3	39
312	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	2.3	37
311	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, 3831-41	4.6	37
310	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, 531-7	4	37
309	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	4	35
308	Characterization and flocculation properties of biopolymeric flocculant (glycosaminoglycan) produced by <i>Cellulomonas</i> sp. Okoh. <i>Journal of Applied Microbiology</i> , 2013 , 114, 1325-37	4.7	35
307	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,	4.6	35
306	Physicochemical quality of an urban municipal wastewater effluent and its impact on the receiving environment. <i>Environmental Monitoring and Assessment</i> , 2010 , 170, 383-94	3.1	35

305	Macroalgae as a Valuable Source of Naturally Occurring Bioactive Compounds for the Treatment of Alzheimer's Disease. <i>Marine Drugs</i> , 2019 , 17,	6	34
304	Thermostable bacterial biofloculant produced by <i>Cobetia</i> spp. isolated from Algoa Bay (South Africa). <i>International Journal of Environmental Research and Public Health</i> , 2012 , 9, 2108-20	4.6	34
303	Phytofabrication of Silver/Silver Chloride Nanoparticles Using Aqueous Leaf Extract of : Characterization and Antibacterial Potential. <i>Molecules</i> , 2019 , 24,	4.8	34
302	Peroxidase production and ligninolytic potentials of fresh water bacteria and. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2017 , 16, 12-17	5.3	33
301	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	5.8	33
300	A freshwater streptomyces, isolated from Tyume River, produces a predominantly extracellular glycoprotein biofloculant. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 8679-95	6.3	33
299	Antibiotic susceptibility profile of <i>Aeromonas</i> species isolated from wastewater treatment plant. <i>Scientific World Journal, The</i> , 2012 , 2012, 764563	2.2	33
298	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, 3389-400	3.1	32
297	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, 2376-94	4.6	32
296	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	6.1	31
295	Effects of residue quality and climate on plant residue decomposition and nutrient release along the transect from humid forest to Sahel of West Africa. <i>Biogeochemistry</i> , 2007 , 86, 217-229	3.8	31
294	The incidence of antibiotic resistance within and beyond the agricultural ecosystem: A concern for public health. <i>MicrobiologyOpen</i> , 2020 , 9, e1035	3.4	31
293	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	3	31
292	Surface modified magnetic nanoparticles as efficient adsorbents for heavy metal removal from wastewater: Progress and prospects. <i>Materials Express</i> , 2017 , 7, 439-456	1.3	30
291	Multidrug-Resistant <i>Salmonella</i> Isolates from Swine in the Eastern Cape Province, South Africa. <i>Journal of Food Protection</i> , 2016 , 79, 1234-9	2.5	30
290	Biodegradation of heavy crude oil Maya using spent compost and sugar cane bagasse wastes. <i>Chemosphere</i> , 2007 , 68, 848-55	8.4	30
289	Adsorption of Cu ²⁺ from aqueous solution by a novel material; azomethine functionalized magnetic nanoparticles. <i>Separation and Purification Technology</i> , 2017 , 183, 204-215	8.3	29
288	Virulence, Antimicrobial Resistance and Environmental Persistence: A Review. <i>Pathogens</i> , 2020 , 9,	4.5	29

287	Species diversity and antibiotic resistance properties of Staphylococcus of farm animal origin in Nkonkobe Municipality, South Africa. <i>Folia Microbiologica</i> , 2014 , 59, 133-40	2.8	29
286	Characteristics of a bioflocculant produced by a consortium of Cobetia and Bacillus species and its application in the treatment of wastewaters. <i>Water S A</i> , 2014 , 40, 140	1.3	29
285	A comparison of nutritionally-related blood metabolites among Nguni, Bonsmara and Angus steers raised on sweetveld. <i>Veterinary Journal</i> , 2009 , 179, 273-81	2.5	29
284	Classical Optimization of Cellulase and Xylanase Production by a Marine Streptomyces Species. <i>Applied Sciences (Switzerland)</i> , 2016 , 6, 286	2.6	29
283	Potential Health Implications of the Consumption of Thermally-Oxidized Cooking Oils: A Review. <i>Polish Journal of Food and Nutrition Sciences</i> , 2017 , 67, 95-105	3.1	28
282	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,	4.6	28
281	Safety Evaluation and Colonisation Abilities of Four Lactic Acid Bacteria as Future Probiotics. <i>Probiotics and Antimicrobial Proteins</i> , 2019 , 11, 397-402	5.5	28
280	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,	4.6	28
279	Prevalence of multiple antibiotics resistant (MAR) Pseudomonas 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, 2092-107	4.6	28
278	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	8.4	27
277	Prevalence and antibiogram profiling of Escherichia coli pathotypes isolated from the Kat River and the Fort Beaufort abstraction water. <i>International Journal of Environmental Research and Public Health</i> , 2014 , 11, 8213-27	4.6	27
276	Performance of NiFe ₂ O ₄ -SiO ₂ -TiO ₂ Magnetic Photocatalyst for the Effective Photocatalytic Reduction of Cr(VI) in Aqueous Solutions. <i>Journal of Nanomaterials</i> , 2017 , 2017, 1-11	3.2	27
275	Preliminary phytochemical screening and antibacterial properties of crude stem bark extracts and fractions of Parkia biglobosa (Jacq.). <i>Molecules</i> , 2013 , 18, 8485-99	4.8	27
274	Assessment of water quality in Asa River (Nigeria) and its indigenous Clarias gariepinus fish. <i>International Journal of Environmental Research and Public Health</i> , 2011 , 8, 4332-52	4.6	27
273	Biodegradation of 2,4-dichlorophenol by a Bacillus consortium. <i>World Journal of Microbiology and Biotechnology</i> , 2008 , 24, 55-60	4.4	27
272	Chemical characterization, antioxidant properties, cholinesterase inhibitory and anti-amyloidogenic activities of sulfated polysaccharides from some seaweeds. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2019 , 18, 100182	3.4	26
271	Incidence of human adenoviruses and Hepatitis A virus in the final effluent of selected wastewater treatment plants in Eastern Cape Province, South Africa. <i>Virology Journal</i> , 2015 , 12, 98	6.1	26
270	Inactivation of selected bacterial pathogens in dairy cattle manure by mesophilic anaerobic digestion (balloon type digester). <i>International Journal of Environmental Research and Public Health</i> , 2014 , 11, 7184-94	4.6	26

269	In vivo evaluation of the antiviral activity of <i>Cajanus cajan</i> on measles virus. <i>Archives of Virology</i> , 2011 , 156, 1551-7	2.6	26
268	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, 402-14	3.6	26
267	Aerobic dehalogenation potentials of four bacterial species isolated from soil and sewage sludge. <i>Chemosphere</i> , 2001 , 45, 45-50	8.4	26
266	Prevalence and characterisation of non-cholerae <i>Vibrio</i> spp. in final effluents of wastewater treatment facilities in two districts of the Eastern Cape Province of South Africa: implications for public health. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 2008-17	5.1	25
265	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, 6579-90	3.1	25
264	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	4.5	25
263	Macrolide, glycopeptide resistance and virulence genes in <i>Enterococcus</i> species isolates from dairy cattle. <i>Journal of Medical Microbiology</i> , 2016 , 65, 641-648	3.2	25
262	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	9.3	25
261	Ligninolytic enzymes: Versatile biocatalysts for the elimination of endocrine-disrupting chemicals in wastewater. <i>MicrobiologyOpen</i> , 2018 , 7, e00722	3.4	25
260	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	7	24
259	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	3.5	24
258	<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, 5239-59	4.8	24
257	Interactions of antibiotics and methanolic crude extracts of <i>Azelaia Africana</i> (Smith.) against drug resistance bacterial isolates. <i>International Journal of Molecular Sciences</i> , 2011 , 12, 4477-503	6.3	24
256	Assessment of <i>Tamarindus indica</i> extracts for antibacterial activity. <i>International Journal of Molecular Sciences</i> , 2011 , 12, 6385-96	6.3	24
255	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	6	24
254	Microbial Keratinase: Next Generation Green Catalyst and Prospective Applications. <i>Frontiers in Microbiology</i> , 2020 , 11, 580164	5.7	23
253	Global Status of Type 2 and Its Associated Diseases in Sub-Saharan Africa. <i>Advances in Virology</i> , 2017 , 2017, 6807964	1.9	23
252	Molecular Characterization and Antimicrobial Resistance Pattern of Recovered from Wastewater Treatment Plants in Eastern Cape South Africa. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	23

251	Characterization of an Exopolymeric Flocculant Produced by a sp. <i>Materials</i> , 2013 , 6, 1237-1254	3.5	23
250	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	3	22
249	sp. FPF-1 Produced Keratinase with High Potential for Chicken Feather Degradation. <i>Molecules</i> , 2020 , 25,	4.8	22
248	Characterization and flocculation efficiency of a bioflocculant produced by a marine <i>Halobacillus</i> . <i>Environmental Technology (United Kingdom)</i> , 2013 , 34, 2671-9	2.6	22
247	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	4.5	22
246	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, 967-73	2.6	22
245	Assessment of <i>Bacillus pumilus</i> Isolated from Fresh Water Milieu for Bioflocculant Production. <i>Applied Sciences (Switzerland)</i> , 2016 , 6, 211	2.6	22
244	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	7.9	22
243	Detection of antibiotic resistance, virulence gene determinants and biofilm formation in <i>Aeromonas</i> species isolated from cattle. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 17596-605	5.1	21
242	Bioflocculant production by <i>Bacillus</i> sp. Gilbert isolated from a marine environment in South Africa. <i>Applied Biochemistry and Microbiology</i> , 2014 , 50, 49-54	1.1	21
241	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	4.7	21
240	Evaluation of the flocculation potential and characterization of bioflocculant produced by <i>Micrococcus</i> sp. Leo. <i>Applied Biochemistry and Microbiology</i> , 2014 , 50, 601-608	1.1	21
239	Commensal <i>Pseudomonas</i> species isolated from wastewater and freshwater milieus in the Eastern Cape Province, South Africa, as reservoir of antibiotic resistant determinants. <i>International Journal of Environmental Research and Public Health</i> , 2012 , 9, 2537-49	4.6	21
238	<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, 4358-70	4.8	21
237	Synergistic interaction of <i>Helichrysum pedunculatum</i> leaf extracts with antibiotics against wound infection associated bacteria. <i>Biological Research</i> , 2009 , 42,	7.6	21
236	Prevalence and distribution of <i>Listeria</i> pathogens in the final effluents of a rural wastewater treatment facility in the Eastern Cape Province of South Africa. <i>World Journal of Microbiology and Biotechnology</i> , 2010 , 26, 297-307	4.4	21
235	Concentrations and Human Health Risk of Heavy Metals in Rivers in Southwest Nigeria. <i>Journal of Health and Pollution</i> , 2018 , 8, 180907	2.6	21
234	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	4.7	20

233	Evaluation of flocculating performance of a thermostable bioflocculant produced by marine <i>Bacillus</i> sp. <i>Environmental Technology (United Kingdom)</i> , 2016 , 37, 1829-42	2.6	20
232	Antibacterial activity of crude extracts of some South African medicinal plants against multidrug resistant etiological agents of diarrhoea. <i>BMC Complementary and Alternative Medicine</i> , 2017 , 17, 321	4.7	20
231	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	2.6	20
230	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, The</i> , 2012 , 2012, 949216	2.2	20
229	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, 8733-47	3.1	20
228	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, 127570	3	20
227	Analytical Methods for Polycyclic Aromatic Hydrocarbons and their Global Trend of Distribution in Water and Sediment: A Review 2018 ,		20
226	The natural environment as a reservoir of pathogenic and non-pathogenic <i>Acinetobacter</i> species. <i>Reviews on Environmental Health</i> , 2018 , 33, 265-272	3.8	19
225	Phenolic composition, antioxidant activity, anticholinesterase potential and modulatory effects of aqueous extracts of some seaweeds on β -amyloid aggregation and disaggregation. <i>Pharmaceutical Biology</i> , 2019 , 57, 460-469	3.8	19
224	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	6.7	19
223	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, 2629365 ²		19
222	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, 11950-63	4.6	19
221	Enterotoxigenic <i>Escherichia coli</i> (ETEC): a recurring decimal in infants and travelers' diarrhea. <i>Reviews on Environmental Health</i> , 2008 , 23, 135-48	3.8	19
220	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	5.9	19
219	Synthesis, characterization, antimalarial, antitrypanocidal and antimicrobial properties of gold nanoparticle. <i>Green Chemistry Letters and Reviews</i> , 2019 , 12, 61-68	4.7	18
218	Characterization of antibiogram fingerprints in <i>Listeria monocytogenes</i> recovered from irrigation water and agricultural soil samples. <i>PLoS ONE</i> , 2020 , 15, e0228956	3.7	18
217	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	4.9	18
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214	Recovery of laccase-producing gammaproteobacteria from wastewater. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2019 , 21, e00320	5.3	18
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210	Optimization of Cellulase and Xylanase Production by Micrococcus Species under Submerged Fermentation. <i>Sustainability</i> , 2016 , 8, 1168	3.6	17
209	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	3.3	16
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205	Biochemical and molecular characterization of a novel dye-decolourizing peroxidase from Raoultella ornithinolytica OKOH-1. <i>International Journal of Biological Macromolecules</i> , 2019 , 121, 454-462	7.9	16
204	Detection of antibiotic resistance and virulence genes of Vibrio strains isolated from ready-to-eat shrimps in Delta and Edo States, Nigeria. <i>Journal of Applied Microbiology</i> , 2020 , 129, 17-36	4.7	15
203	Phthalates removal efficiency in different wastewater treatment technology in the Eastern Cape, South Africa. <i>Environmental Monitoring and Assessment</i> , 2018 , 190, 299	3.1	15
202	Detection and distribution of putative virulence associated genes in Aeromonas species from freshwater and wastewater treatment plant. <i>Journal of Basic Microbiology</i> , 2013 , 53, 895-901	2.7	15
201	Effects of probiotics on growth performance, blood parameters, and antibody stimulation in piglets. <i>South African Journal of Animal Sciences</i> , 2017 , 47, 765	1	14
200	Stem bark extract and fraction of Persea americana (Mill.) exhibits bactericidal activities against strains of bacillus cereus associated with food poisoning. <i>Molecules</i> , 2014 , 20, 416-29	4.8	14
199	Incidence and antimicrobial susceptibility fingerprints of Plesiomonas shigelliodes isolates in water samples collected from some freshwater resources in Southwest Nigeria. <i>Science of the Total Environment</i> , 2019 , 665, 632-640	10.2	14
198	Bactericidal and antioxidant properties of essential oils from the fruits Dennettia tripetala G. Baker. <i>BMC Complementary and Alternative Medicine</i> , 2016 , 16, 486	4.7	13

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194	A bibliometric analysis of investigations of polybrominated diphenyl ethers (PBDEs) in biological and environmental matrices from 1992 - 2018. <i>Heliyon</i> , 2018 , 4, e00964	3.6	13
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192	Overview of listeriosis in the Southern African Hemisphere Review. <i>Journal of Food Safety</i> , 2020 , 40, e12732	2	12
191	Physicochemical Properties of Wastewater in Three Typical South African Sewage Works. <i>Polish Journal of Environmental Studies</i> , 2018 , 27, 491-499	2.3	12
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177	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	3.1	10
176	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	4.7	10
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164	Synergistic interaction of <i>Helichrysum pedunculatum</i> leaf extracts with antibiotics against wound infection associated bacteria. <i>Biological Research</i> , 2009 , 42, 327-38	7.6	10
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119	Seasonal variation of volatile oil composition and antioxidant property of aerial parts of <i>Gaertn.</i> grown in the Eastern Cape, South Africa. <i>Natural Product Research</i> , 2019 , 33, 2276-2280	2.3	6
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