

# Contamination of the water supply to the town of Carol

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Technological Trends in the Middle Stone Age of South Africa between MIS 7 and MIS 3. <i>Current Anthropology</i> , 2013, 54, S305-S319.	0.8	109
2	Seasonal cycle of N:P:TA stoichiometry as a modulator of CO <sub>2</sub> buffering in eastern boundary upwelling systems. <i>Geophysical Research Letters</i> , 2013, 40, 5429-5434.	1.5	4
3	Risk Levels of Invasive <i>Fusarium oxysporum</i> f. sp. in Areas Suitable for Date Palm ( <i>Phoenix dactylifera</i> ) Cultivation under Various Climate Change Projections. <i>PLoS ONE</i> , 2013, 8, e83404.	1.1	37
4	Academic Managers' Attitudes towards Key Employment Equity Determinants in Attaining Diversity Initiatives in South African Universities. <i>Journal of Social Sciences</i> , 2014, 38, 293-305.	0.2	1
5	Leaching of Chromium, Copper, and Arsenic from CCA-Treated Utility Poles. <i>Applied and Environmental Soil Science</i> , 2014, 2014, 1-11.	0.8	16
6	"Where angels fear to tread": ethics, commercial archaeology, and extractive industries in southern Africa. <i>Azania</i> , 2014, 49, 218-231.	0.4	12
7	<i>Diceratocephala boschmai</i> (Platyhelminthes: Temnocephalida) from crayfish farms in Thailand: investigation of the topographic surface and analysis of 18S ribosomal DNA sequences. <i>Turkish Journal of Zoology</i> , 2014, 38, 471-478.	0.4	5
8	Using social marketing concepts to promote the integration of systematic conservation plans in land-use planning in South Africa. <i>Oryx</i> , 2014, 48, 71-79.	0.5	14
9	Investigation of Anti- <i>Toxocara</i> and Anti- <i>Toxoplasma</i> Antibodies in Patients with Schizophrenia Disorder. <i>Schizophrenia Research and Treatment</i> , 2014, 2014, 1-7.	0.7	29
10	<i>Toxoplasma gondii</i> Exposure and the Risk of Schizophrenia. <i>Jundishapur Journal of Microbiology</i> , 2014, 7, e12776.	0.2	18
11	Green Economy job projections vs green skills: Is there a link between present skills base and the projected numbers in South Africa?. <i>International Journal of African Renaissance Studies</i> , 2014, 9, 113-132.	0.1	2
12	Myxosporean parasites of marine fishes: their distribution in the world's oceans. <i>Parasitology</i> , 2014, 141, 1709-1717.	0.7	22
13	Panmixia defines the genetic diversity of a unique arthropod-dispersed fungus specific to <i>Protea</i> flowers. <i>Ecology and Evolution</i> , 2014, 4, 3444-3455.	0.8	17
14	Chemotherapeutic efficacy of an ethanolic <i>Moringa oleifera</i> leaf extract against chromium-induced testicular toxicity in rats. <i>Andrologia</i> , 2014, 46, 1047-1054.	1.0	46
15	Recent literature on lichens. <i>Bryologist</i> , 2014, 117, 209-214.	0.1	1
16	Future distributions of <i>Fusarium oxysporum</i> f. spp. in European, Middle Eastern and North African agricultural regions under climate change. <i>Agriculture, Ecosystems and Environment</i> , 2014, 197, 96-105.	2.5	62
17	Assessment of probiotic potential and anticancer activity of newly isolated vaginal bacterium <i>Lactobacillus plantarum</i> 5BL. <i>Microbiology and Immunology</i> , 2014, 58, 492-502.	0.7	88
18	Photocatalytic ozonation of terephthalic acid: a by-product-oriented decomposition study. <i>Environmental Science and Pollution Research</i> , 2014, 21, 12241-12248.	2.7	13

#	ARTICLE	IF	CITATIONS
19	Ergosterol, an orphan fungal microbe-associated molecular pattern (<sc>MAMP</sc>). Molecular Plant Pathology, 2014, 15, 747-761.	2.0	58
20	Probiotic potential and biotherapeutic effects of newly isolated vaginal Lactobacillus acidophilus 36YL strain on cancer cells. Anaerobe, 2014, 28, 29-36.	1.0	68
21	Forecasting lagoon outlet erosion: KwaZulu-Natal, southeast Africa. Journal of Coastal Research, 2014, 70, 151-155.	0.1	5
22	Plant taxonomic capacity in South Africa. Phytotaxa, 2015, 238, 149.	0.1	11
23	A method for establishing taxonomic research priorities in a megadiverse country. Phytotaxa, 2015, 203, 55.	0.1	7
24	Recent observed and simulated changes in precipitation over Africa. Geophysical Research Letters, 2015, 42, 8155-8164.	1.5	189
26	Manipulating the banana rhizosphere microbiome for biological control of Panama disease. Scientific Reports, 2015, 5, 11124.	1.6	148
28	Does selenium improve the stem cell therapeutic effect on isoproterenol-induced myocardial infarction in rats? A histological and immunohistochemical study. Egyptian Journal of Histology, 2015, 38, 679-691.	0.0	3
29	Combining natal range distributions and phylogeny to resolve biogeographic uncertainties in balloon vines (<i>Cardiospermum</i>, Sapindaceae). Diversity and Distributions, 2015, 21, 163-174.	1.9	15
30	Racial Integration among Students at The University of Johannesburg. Journal of Sociology and Social Anthropology, 2015, 6, 45-63.	0.1	3
31	Work Stress and its Influence on the Work Performance of Swaziland Teachers in the Swaziland School Education System. Journal of Psychology, 2015, 6, 142-157.	0.2	4
32	Temporal Variations in Physico-Chemical and Microbiological Characteristics of Mvudi River, South Africa. International Journal of Environmental Research and Public Health, 2015, 12, 4128-4140.	1.2	35
33	Lemur Biorhythms and Life History Evolution. PLoS ONE, 2015, 10, e0134210.	1.1	25
34	<i>Moringa oleifera</i> Flower Extract Suppresses the Activation of Inflammatory Mediators in Lipopolysaccharide-Stimulated RAW 264.7 Macrophages via NF- $\kappa$ B Pathway. Mediators of Inflammation, 2015, 2015, 1-11.	1.4	51
35	A Historical Analysis of Rainfall Trend in the Olifants Basin in South Africa. Earth Science Research, 2015, 5, 129.	0.3	11
36	Climate Warming: Is There Evidence in Africa?. Advances in Meteorology, 2015, 2015, 1-9.	0.6	3
37	An investigation into e-learning acceptance and gender amongst final year students. South African Journal of Information Management, 2015, 17, .	0.5	7
38	Artisanal Fisheries in the Ndumo Area of the Lower Phongolo River Floodplain, South Africa. Koedoe, 2015, 57, .	0.3	20

#	ARTICLE	IF	CITATIONS
39	Protected Areas and Ecosystem Services – Integrating Grassland Conservation with Human Well-Being in South Africa. , 2015, , .		0
40	Fusarium wilt of banana: biology, epidemiology and management. International Journal of Pest Management, 2015, 61, 250-263.	0.9	64
41	An integrative and dynamic approach for monographing species-rich plant groups – Building the global synthesis of the angiosperm order Caryophyllales. Perspectives in Plant Ecology, Evolution and Systematics, 2015, 17, 284-300.	1.1	29
42	Role of geographical information systems in tourism decision making process: a review. Information Technology and Tourism, 2015, 15, 131-179.	3.4	10
43	The prophylactic effect of probiotic Bacillus polyfermenticus KU3 against cancer cells. Journal of Functional Foods, 2015, 14, 513-518.	1.6	50
44	TERRESTRIAL VERTEBRATE COLONISATION AND THE ECCA-BEAUFORT BOUNDARY IN THE SOUTHEASTERN MAIN KAROO BASIN, SOUTH AFRICA: IMPLICATIONS FOR PERMIAN BASIN EVOLUTION. South African Journal of Geology, 2015, 118, 145-156.	0.6	4
45	Aquatic macroinvertebrate responses to pollution of the Boesmanspruit river system above Carolina, South Africa. African Journal of Aquatic Science, 2015, 40, 153-163.	0.5	3
46	Plant invasions as a biogeographical assay: Vegetation biomes constrain the distribution of invasive alien species assemblages. South African Journal of Botany, 2015, 101, 24-31.	1.2	38
47	Prospects for extirpating small populations of the wetland invader <i>Melaleuca quinquenervia</i> from South Africa: a case study from the Western Cape region. African Journal of Aquatic Science, 2015, 40, 299-306.	0.5	8
48	Genetic and Morphological Characterization of Freshwater Shrimps ( <i>Caridina africana</i> Kingsley, 1882) Reveals the Presence of Alien Shrimps in the Cape Floristic Region, South Africa. Journal of Heredity, 2015, 106, esv063.	1.0	3
49	Can the circle be squared? An enquiry into shale gas mining in South Africa's Karoo. Development Southern Africa, 2015, 32, 539-554.	1.1	6
50	Comparative and population mitogenomic analyses of Madagascar's extinct, giant –subfossil– lemurs. Journal of Human Evolution, 2015, 79, 45-54.	1.3	86
51	Metabolomic analysis of avocado fruits by GC-APCI-TOF MS: effects of ripening degrees and fruit varieties. Analytical and Bioanalytical Chemistry, 2015, 407, 547-555.	1.9	32
52	Patterns and evolution of coauthorship in China's humanities and social sciences. Scientometrics, 2015, 102, 1997-2010.	1.6	36
53	A review of parasite studies of commercially important marine fishes in sub-Saharan Africa. Parasitology, 2015, 142, 109-124.	0.7	9
54	Challenges for Management and Business Education in a –Developmental– State: The Case of South Africa. Academy of Management Learning and Education, 2015, 14, 242-258.	1.6	66
55	Exogenous glycinebetaine alleviates the detrimental effect of Cd stress on perennial ryegrass. Ecotoxicology, 2015, 24, 1330-1340.	1.1	55
56	The potential of CAM crops as a globally significant bioenergy resource: moving from –fuel or food– to –fuel and more food–. Energy and Environmental Science, 2015, 8, 2320-2329.	15.6	47

#	ARTICLE	IF	CITATIONS
57	Spatial and temporal variation of body size among early Homo. <i>Journal of Human Evolution</i> , 2015, 82, 15-33.	1.3	44
58	Greenhouse gas emissions from road transport in South Africa and Lesotho between 2000 and 2009. <i>Transportation Research, Part D: Transport and Environment</i> , 2015, 37, 1-13.	3.2	30
59	Current challenges and future perspectives of plant and agricultural biotechnology. <i>Trends in Biotechnology</i> , 2015, 33, 337-342.	4.9	90
60	Seasonal Variations of Metabolome and Tyrosinase Inhibitory Activity of <i>Lespedeza maximowiczii</i> during Growth Periods. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 8631-8639.	2.4	9
61	Marine fish parasitology in South Africa: history of discovery and future direction. <i>African Zoology</i> , 2015, 50, 79-92.	0.2	20
62	The Political Economy of South African Trout Fisheries. <i>Journal of Economic Issues</i> , 2015, 49, 47-70.	0.3	4
63	Bioanalytical Tests for Assessing Cytotoxicity and Estrogenicity Effects of Treated Wastewater on Mammalian Cell Lines. <i>Energy Procedia</i> , 2015, 74, 878-885.	1.8	3
64	Seasonal variation of nutrient loads in treated wastewater effluents and receiving water bodies in Sedibeng and Soshanguve, South Africa. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 595.	1.3	10
65	Evolutionary origin of the turtle skull. <i>Nature</i> , 2015, 525, 239-242.	13.7	99
66	Challenges faced during implementation of a compressed air energy savings project on a gold mine. , 2015, , .		5
67	Who launched what, when and why; trends in global land-cover observation capacity from civilian earth observation satellites. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2015, 103, 115-128.	4.9	314
68	Johannesburg 2030. <i>American Behavioral Scientist</i> , 2015, 59, 347-368.	2.3	25
69	Intra-seasonal rainfall variability during the maize growing season in the northern lowlands of Lesotho. <i>Theoretical and Applied Climatology</i> , 2015, 120, 575-585.	1.3	6
70	&lt;b&gt;Observations on the Infection by &lt;i&gt;Kudoa&lt;/i&gt; sp. (Myxozoa, Multivalvulida) in fishes caught off Rio Grande, Rio Grande do Sul State, Brazil. <i>Acta Scientiarum - Biological Sciences</i> , 2016, 38, 99.	0.3	3
71	Production of a Functional Tea from <i>Moringa oleifera</i> LAM Leaf Powder: Optimization of Phenolic Extraction Using Response Surface Methodology. <i>Journal of Nutrition &amp; Food Sciences</i> , 2016, 06, .	1.0	1
72	unique fingerprint? Factors influencing attitudes towards science and technology in South Africa. <i>South African Journal of Science</i> , 2016, 112, 4.	0.3	5
73	The opportunity cost of not utilising the woody invasive alien plant species in the Kouga, Krom and Baviaans catchments in South Africa. <i>South African Journal of Economic and Management Sciences</i> , 2016, 19, 814-830.	0.4	9
74	Threatened medicinal plants of South Africa: Case of the family hyacinthaceae. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2016, 13, 169.	0.3	12

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75	Post-transcriptional silencing of the SGE1 gene induced by a dsRNA hairpin in <i>Fusarium oxysporum</i> f. sp cubense, the causal agent of Panama disease. <i>Genetics and Molecular Research</i> , 2016, 15, .	0.3	12
76	The Lipopolysaccharide-Induced Metabolome Signature in <i>Arabidopsis thaliana</i> Reveals Dynamic Reprogramming of Phytoalexin and Phytoanticipin Pathways. <i>PLoS ONE</i> , 2016, 11, e0163572.	1.1	30
77	Stimulatory Effects of Acibenzolar-S-Methyl on Chlorogenic Acids Biosynthesis in <i>Centella asiatica</i> Cells. <i>Frontiers in Plant Science</i> , 2016, 7, 1469.	1.7	6
78	Frugal Innovation: A Systematic Literature Review. <i>SSRN Electronic Journal</i> , 0, , .	0.4	9
79	Impacts of large herbivores on spinescence and abundance of palms in the Pantanal, Brazil. <i>Botanical Journal of the Linnean Society</i> , 2016, 182, 465-479.	0.8	24
80	Invasion debt â€“ quantifying future biological invasions. <i>Diversity and Distributions</i> , 2016, 22, 445-456.	1.9	160
81	On the optimal control for fractional multi-strain TB model. <i>Optimal Control Applications and Methods</i> , 2016, 37, 1355-1374.	1.3	45
82	Stable isotopic variation in tropical forest plants for applications in primatology. <i>American Journal of Primatology</i> , 2016, 78, 1041-1054.	0.8	33
84	Detection of multiple bubbles in South African electricity prices. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2016, 11, 637-642.	1.8	1
85	The Expected Effects of Climate Change on Tree Growth and Wood Quality in Southern Africa. <i>Springer Science Reviews</i> , 2016, 4, 99-111.	1.3	4
86	Australian spiny mountain crayfish and their temnocephalan ectosymbionts: an ancient association on the edge of coextinction?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160585.	1.2	13
87	Cognitive value of tourism resources and their relationship with accessibility: A case of Noto region, Japan. <i>Tourism Management Perspectives</i> , 2016, 19, 61-68.	3.2	20
88	Behavior of Crayfish. , 2016, , 127-141.		5
89	Thresholds of change in a multi-use conservation landscape of South Africa: historical land-cover, future transformation and consequences for environmental decision-making. <i>Environmental Conservation</i> , 2016, 43, 253-262.	0.7	10
90	Spatioâ€“Temporal Clustering and Active Learning for Change Classification in Satellite Image Time Series. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 3642-3650.	2.3	10
91	Managing invasive species in cities: A framework from Cape Town, South Africa. <i>Landscape and Urban Planning</i> , 2016, 151, 1-9.	3.4	97
92	Taxonomic notes on the shrublet species of <i>Acanthopsis</i> (Acanthaceae, tribe Acantheae), with two new species from South Africa. <i>Phytotaxa</i> , 2016, 244, 145.	0.1	3
93	Evaluation of ameliorative potential of supranutritional selenium on enrofloxacin-induced testicular toxicity. <i>Chemico-Biological Interactions</i> , 2016, 252, 87-92.	1.7	17

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94	Moringa oleifera Lam. leaf extract as bioregulator for improving growth of maize under mercuric chloride stress. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2016, 66, 469-475.	0.3	5
95	Omic Relief for the Biotically Stressed: Metabolomics of Plant Biotic Interactions. <i>Trends in Plant Science</i> , 2016, 21, 781-791.	4.3	76
96	Ecological research and conservation management in the Cape Floristic Region between 1945 and 2015: History, current understanding and future challenges. <i>Transactions of the Royal Society of South Africa</i> , 2016, 71, 207-303.	0.8	44
97	First Introduction of Two Australian Temnocephalan Species into Africa with an Alien Host: Double Trouble. <i>Journal of Parasitology</i> , 2016, 102, 653-658.	0.3	14
98	South African geomorphology: current status and new challenges. <i>Southern African Geographical Journal</i> , 2016, 98, 405-416.	0.9	7
99	Thermal degradation analysis of pongamia pinnata oil as alternative liquid dielectric for distribution transformer. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2016, 41, 933-938.	0.8	7
100	Evaluation of a WorldView-2 image for soil salinity monitoring in a moderately affected irrigated area. <i>Journal of Applied Remote Sensing</i> , 2016, 10, 026025.	0.6	20
101	Physiological and Molecular Insights into Mechanisms for Salt Tolerance in Plants. , 2016, , 321-349.		3
102	Assessing the invasiveness of <i>Berberis aristata</i> and <i>B. julianae</i> (Berberidaceae) in South Africa: Management options and legal recommendations. <i>South African Journal of Botany</i> , 2016, 105, 288-298.	1.2	7
103	System dynamics-based evaluation of interventions to promote appropriate waste disposal behaviors in low-income urban areas: A Baltimore case study. <i>Waste Management</i> , 2016, 56, 547-560.	3.7	21
104	Understanding and managing the introduction pathways of alien taxa: South Africa as a case study. <i>Biological Invasions</i> , 2016, 18, 73-87.	1.2	54
105	Highly mesoporous K <sub>2</sub> CO <sub>3</sub> and KOH/activated carbon for SDBS removal from water samples: Batch and fixed-bed column adsorption process. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2016, 6, 1-13.	1.7	45
106	Soil and vegetation recovery following alien tree clearing in the Eastern Cape Province of South Africa. <i>African Journal of Ecology</i> , 2016, 54, 460-470.	0.4	10
107	Acquired resistance to <i>Kudoa thyrsites</i> in Atlantic salmon <i>Salmo salar</i> following recovery from a primary infection with the parasite. <i>Aquaculture</i> , 2016, 451, 457-462.	1.7	20
108	Producing information: communication and collaboration in the South African scientific community. <i>Information, Communication and Society</i> , 2016, 19, 141-159.	2.6	17
109	Scientific progress, risk, and development: Explaining attitudes toward science cross-nationally. <i>International Sociology</i> , 2016, 31, 57-80.	0.4	27
110	A global assessment of a large monocot family highlights the need for group-specific analyses of invasiveness. <i>AoB PLANTS</i> , 2016, 8, .	1.2	12
111	Evaluation system for management measures of invasive alien species. <i>Biodiversity and Conservation</i> , 2016, 25, 357-374.	1.2	17

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112	Dietary options and behavior suggested by plant biomarker evidence in an early human habitat. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2874-2879.	3.3	76
113	Perturbation of pharmacologically relevant polyphenolic compounds in <i>Moringa oleifera</i> against photo-oxidative damages imposed by gamma radiation. Journal of Photochemistry and Photobiology B: Biology, 2016, 156, 79-86.	1.7	44
114	Resolving a Prickly Situation: Involving Stakeholders in Invasive Cactus Management in South Africa. Environmental Management, 2016, 57, 998-1008.	1.2	59
115	Non-discrimination and liability for transboundary acid mine drainage pollution of South Africa's rivers: could the UN Watercourses Convention open Pandora's mine?. Water International, 2016, 41, 371-391.	0.4	6
116	Information Behavior and Expectations of Veterinary Researchers and Their Requirements for Academic Library Services. Journal of Academic Librarianship, 2016, 42, 44-54.	1.3	10
117	Development of a multi-criteria spatial planning support system for growth potential modelling in the Western Cape, South Africa. Land Use Policy, 2016, 50, 179-193.	2.5	19
118	Pleistocene molluscs from Klasies River (South Africa): Reconstructing the local coastal environment. Quaternary International, 2017, 427, 59-84.	0.7	17
119	The Volcanic Geoheritage of the Mount Bamenda Calderas (Cameroon Line): Assessment for Geotouristic and Geoeducational Purposes. Geoheritage, 2017, 9, 255-278.	1.5	41
120	Fossil Giraffidae (Mammalia, Artiodactyla) from Lee Adoyta, Ledi-Geraru, and Late Pliocene Dietary Evolution in Giraffids from the Lower Awash Valley, Ethiopia. Journal of Mammalian Evolution, 2017, 24, 359-371.	1.0	11
121	Active defence by an Australian native host, <i>Lomandra longifolia</i> , provides resistance against <i>Phytophthora cinnamomi</i> . Functional Plant Biology, 2017, 44, 386.	1.1	30
122	Counting on demographic equity to transform institutional cultures at historically white South African universities?. Higher Education Research and Development, 2017, 36, 498-510.	1.9	18
123	Sustainability of Apparel Supply Chain in South Africa. Clothing and Textiles Research Journal, 2017, 35, 81-97.	2.2	8
124	Retailers' extent of involvement in sustainability and role in creating sustainable apparel and textiles from South Africa. International Journal of Fashion Design, Technology and Education, 2017, 10, 265-275.	0.9	3
125	Gender Differences in Attitudes to Learning Science in Grade 7. African Journal of Research in Mathematics, Science and Technology Education, 2017, 21, 26-36.	0.2	6
126	Population size and development history determine street tree distribution and composition within and between Eastern Cape towns, South Africa. Urban Forestry and Urban Greening, 2017, 25, 11-18.	2.3	26
127	Historical biogeography of <i>Temnocephalida</i> (Platyhelminthes, Rhabdocoela): testing the Gondwanan hypothesis. Systematics and Biodiversity, 2017, 15, 327-345.	0.5	3
128	Puppet Master: Possible Influence of the Parasite <i>Toxoplasma Gondii</i> on Managers and Employees. Academy of Management Perspectives, 2017, 31, 63-81.	4.3	13
129	Collaborative learning to unlock investments for functional ecological infrastructure: Bridging barriers in social-ecological systems in South Africa. Ecosystem Services, 2017, 27, 291-304.	2.3	47



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130	Nutritional Characterization of Leaves and Herbal Tea of <i>Moringa oleifera</i> Cultivated in Greece. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2017, 23, 320-333.	0.5	20
131	The chemo-prophylactic efficacy of an ethanol <i>Moringa oleifera</i> leaf extract against hepatocellular carcinoma in rats. <i>Pharmaceutical Biology</i> , 2017, 55, 1458-1466.	1.3	54
132	Mesembrine alkaloids: Review of their occurrence, chemistry, and pharmacology. <i>Journal of Ethnopharmacology</i> , 2017, 195, 10-19.	2.0	37
133	Compulsory African language learning at a South African university. <i>Language Problems and Language Planning</i> , 2017, 41, 115-135.	0.6	5
134	A taxonomic revision of the <i>Pteronia camphorata</i> group (Astereae, Asteraceae). <i>South African Journal of Botany</i> , 2017, 113, 277-287.	1.2	3
135	Mapping the frugal innovation phenomenon. <i>Technology in Society</i> , 2017, 51, 199-208.	4.8	95
136	Lipid and protein fingerprinting for <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> strain-level classification. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6803-6812.	1.9	1
137	The impact of various land uses on the microbial and physicochemical quality of surface water bodies in developing countries: Prioritisation of water resources management areas. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2017, 8, 280-289.	1.7	10
138	Potential carbon stock in the Kruger National Park, South Africa. <i>Botany Letters</i> , 2017, 164, 425-432.	0.7	3
139	The potential range of <i>Ailanthus altissima</i> (tree of heaven) in South Africa: the roles of climate, land use and disturbance. <i>Biological Invasions</i> , 2017, 19, 3675-3690.	1.2	31
140	Macro- and meso-fabric structures of peritidal tufa stromatolites along the Eastern Cape coast of South Africa. <i>Sedimentary Geology</i> , 2017, 359, 62-75.	1.0	15
141	Phytochemical Genomics of <i>Ashwagandha</i> . , 2017, , 3-36.		13
142	CO <sub>2</sub> fluxes in the South African coastal region. <i>Marine Chemistry</i> , 2017, 195, 41-49.	0.9	8
143	Inner structural organization of the distal humerus in <i>Paranthropus</i> and <i>Homo</i> . <i>Comptes Rendus - Palevol</i> , 2017, 16, 521-532.	0.1	9
144	Engineering research profile of countries in the African Union. <i>African Journal of Science, Technology, Innovation and Development</i> , 2017, 9, 449-465.	0.8	8
145	A high capacity data centre network: simultaneous 4-PAM data at 20 Gbps and 2 GHz phase modulated RF clock signal over a single VCSEL carrier. <i>Journal of Modern Optics</i> , 2017, 64, 2336-2344.	0.6	6
147	The potential for using red claw crayfish and hybrid African catfish as biological control agents for <i>Schistosoma</i> host snails. <i>African Journal of Aquatic Science</i> , 2017, 42, 235-243.	0.5	7
148	Amaryllidaceae alkaloids: Absolute configuration and biological activity. <i>Chirality</i> , 2017, 29, 486-499.	1.3	56

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149	Host-Induced Silencing of Pathogenicity Genes Enhances Resistance to <i>Fusarium oxysporum</i> Wilt in Tomato. <i>Molecular Biotechnology</i> , 2017, 59, 343-352.	1.3	33
150	Variation in pharmacologically potent rutinoid-bearing flavonoids amongst twelve <i>Moringa oleifera</i> Lam. cultivars. <i>South African Journal of Botany</i> , 2017, 112, 270-274.	1.2	13
151	Highly gas permeable, ultrathin Teflon AF2400/ $\beta$ -alumina composite hollow fiber membranes for dissolved gas analysis. <i>Journal of Membrane Science</i> , 2017, 540, 243-250.	4.1	21
152	Nutritional evaluation, bioaccumulation and toxicological assessment of heavy metals in edible fruits of <i>Ficus</i> spp. (Moraceae). <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2017, 52, 84-91.	0.7	9
153	Is there any association between <i>Toxoplasma gondii</i> infection and bipolar disorder? A systematic review and meta-analysis. <i>Journal of Affective Disorders</i> , 2017, 209, 59-65.	2.0	59
154	Long-term austral summer wind speed trends over southern Africa. <i>International Journal of Climatology</i> , 2017, 37, 2850-2862.	1.5	16
155	Success in Higher Education. , 2017, , .		14
156	Evaluating consistency of stakeholder input into participatory GIS-based multiple criteria evaluation: a case study of ecotourism development in Kurdistan. <i>Journal of Environmental Planning and Management</i> , 2017, 60, 1529-1553.	2.4	7
157	Geology/archaeology in action: a personal perspective. <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 1671-1676.	0.7	3
158	Chitosan-based nanocomposites for de-nitrification of water. <i>Physics and Chemistry of the Earth</i> , 2017, 100, 212-224.	1.2	18
159	Sarniensine, a mesembrine-type alkaloid isolated from <i>Nerine sarniensis</i> , an indigenous South African Amaryllidaceae, with larvicidal and adulticidal activities against <i>Aedes aegypti</i> . <i>FATOTERAPĀ</i> , 2017, 116, 34-38.	1.1	32
160	Defense gene expression and phenotypic changes of rice ( <i>Oryza sativa</i> L.) at the reproductive stage in response to whitebacked planthopper ( <i>Sogatella furcifera</i> Horvath) infestation. <i>Cereal Research Communications</i> , 2017, 45, 456-465.	0.8	4
161	Rapid prioritization of alien plants for eradication based on climatic suitability and eradication feasibility. <i>Austral Ecology</i> , 2017, 42, 995-1005.	0.7	9
162	Heavy metal contamination of water and fish in peri-urban dams around Bulawayo, Zimbabwe. <i>African Journal of Aquatic Science</i> , 2017, 42, 351-358.	0.5	10
163	Freshwater crayfish invasions in South Africa: past, present and potential future. <i>African Journal of Aquatic Science</i> , 2017, 42, 309-323.	0.5	25
164	A Taxonomic Revision of <i>Schlechteranthus</i> subgenus <i>Microphyllus</i> (Ruschieae; Aizoaceae). <i>Systematic Botany</i> , 2017, 42, 943-963.	0.2	1
165	Mobile applications for real time information delivery on rapid bus transit systems in Tanzania. , 2017, , .		2
166	Outcomes of resectable pulmonary aspergilloma and the performance gap in a high tuberculosis prevalence setting: A retrospective study. <i>South African Respiratory Journal</i> , 2017, 23, 8.	0.0	2

#	ARTICLE	IF	CITATIONS
167	&lt;i>Moringa oleifera</i>: An apoptosis inducer in cancer cells. Tropical Journal of Pharmaceutical Research, 2017, 16, 2289.	0.2	13
168	A Metabolomics-Guided Exploration of the Phytochemical Constituents of Vernonia fastigiata with the Aid of Pressurized Hot Water Extraction and Liquid Chromatography-Mass Spectrometry. Molecules, 2017, 22, 1200.	1.7	26
169	Surface Area of Patellar Facets: Inferential Statistics in the Iraqi Population. Anatomy Research International, 2017, 2017, 1-8.	1.1	2
170	Magnetic (Fe <sub>3</sub> O <sub>4</sub> ) Nanoparticles Reduce Heavy Metals Uptake and Mitigate Their Toxicity in Wheat Seedling. Sustainability, 2017, 9, 790.	1.6	217
171	Similar, but different: structurally related azelaic acid and hexanoic acid trigger differential metabolomic and transcriptomic responses in tobacco cells. BMC Plant Biology, 2017, 17, 227.	1.6	25
172	The Marine Biodiversity of the Mediterranean Sea in a Changing Climate: The Impact of Biological Invasions. , 0, , .		19
173	Food Metabolomics: A New Frontier in Food Analysis and its Application to Understanding Fermented Foods. , 2017, , .		13
174	First record of the invasive Australian redclaw crayfish <i>Cherax quadricarinatus</i> (von Martens.) Tj ETQq1 1 0.784314 rgBT /Overl	0.3	7
175	Towards the socialization of science, technology and innovation for African development. African Journal of Science, Technology, Innovation and Development, 2018, 10, 110-113.	0.8	3
176	Proteolysis and Its Control Using Protease Inhibitors in Fish and Fish Products: A Review. Comprehensive Reviews in Food Science and Food Safety, 2018, 17, 496-509.	5.9	113
177	Phytophthora cinnamomi as a driver of forest change: Implications for conservation and management. Forest Ecology and Management, 2018, 409, 799-807.	1.4	71
178	Multi-functional application of Moringa oleifera Lam. in nutrition and animal food products: A review. Food Research International, 2018, 106, 317-334.	2.9	185
179	Exploring Viral Diversity in a Unique South African Soil Habitat. Scientific Reports, 2018, 8, 111.	1.6	23
180	Enteric methane emissions and their response to agro-ecological and livestock production systems dynamics in Zimbabwe. Science of the Total Environment, 2018, 616-617, 710-719.	3.9	11
181	â€œScience is Everywhere, but No One Knows Itâ€ Assessing the Cultural Distance to Science of Rural South African Publics. Environmental Communication, 2018, 12, 1046-1061.	1.2	14
182	Tales of Human Migration, Admixture, and Selection in Africa. Annual Review of Genomics and Human Genetics, 2018, 19, 405-428.	2.5	78
183	University-industry linkagesâ€™ literature on Sub-Saharan Africa: systematic literature review and bibliometric account. Scientometrics, 2018, 116, 1-49.	1.6	38
184	Support for research in climate change and nuclear energy, but less so for fracking: Born-free South Africansâ€™ attitudes towards scientific controversies. African Journal of Science, Technology, Innovation and Development, 2018, 10, 114-124.	0.8	2

#	ARTICLE	IF	CITATIONS
185	Understanding the nexus between energy and water: A basis for human survival in South Africa. <i>Development Southern Africa</i> , 2018, 35, 194-209.	1.1	13
186	<i>Toxoplasma gondii</i> Exposure and the Risk of Attention Deficit Hyperactivity Disorder in Children and Adolescents. <i>Pediatric Infectious Disease Journal</i> , 2018, 37, 1097-1100.	1.1	8
187	Abundance across seasons and early impact of the florivorous weevil <i>Anthonomus santacruzi</i> (Curculionidae) on <i>Solanum mauritianum</i> (Solanaceae) in KwaZulu-Natal Province, South Africa. <i>Biological Control</i> , 2018, 121, 175-182.	1.4	5
188	Callose and Î²-1,3-glucanase inhibit <i>Phytophthora cinnamomi</i> in a resistant avocado rootstock. <i>Plant Pathology</i> , 2018, 67, 1150-1160.	1.2	16
189	Ameliorative Effects of Selenium in ZnO NP-Induced Oxidative Stress and Hematological Alterations in <i>Catla catla</i> . <i>Biological Trace Element Research</i> , 2018, 186, 279-287.	1.9	14
190	The faunal remains from Bundu Farm and Pniel 6: Examining the problematic Middle Stone Age archaeological record within the southern African interior. <i>Quaternary International</i> , 2018, 466, 178-193.	0.7	21
191	Abalone growth and associated aspects: now from a metabolic perspective. <i>Reviews in Aquaculture</i> , 2018, 10, 451-473.	4.6	32
192	Research participants' skills development as HIV prevention peer educators in their communities. <i>Journal of Health Psychology</i> , 2018, 23, 1343-1349.	1.3	6
193	Promises and reservations towards science and technology among South African publics: A culture-sensitive approach. <i>Public Understanding of Science</i> , 2018, 27, 47-58.	1.6	19
194	An inside look at the process of diversity in a South African accounting department in recent decades. <i>Accounting History</i> , 2018, 23, 151-171.	0.6	3
195	Effect of annealing on structural and luminescence properties of Eu <sup>3+</sup> doped NaYF <sub>4</sub> phosphor. <i>Physica B: Condensed Matter</i> , 2018, 535, 132-137.	1.3	11
196	Energy Politics and Rural Development in Sub-Saharan Africa. , 2018, , .		5
197	Acquired Protective Immunity in Atlantic Salmon <i>Salmo salar</i> against the Myxozoan <i>Kudoa thyrsites</i> Involves Induction of MHII <sup>2</sup> CD83 Antigen-Presenting Cells. <i>Infection and Immunity</i> , 2018, 86, .	1.0	20
198	Aspects of Management Planning for Cultural World Heritage Sites. , 2018, , .		9
199	Silencing Agency in Payments for Ecosystem Services (PES) by Essentializing a Neoliberal 'Monster' Into Being: A Response to Fletcher & BÃ¼scher's 'PES Conceit'. <i>Ecological Economics</i> , 2018, 144, 314-318.	2.9	43
200	Synergies between research organisations and the wider community in enhancing weed biological control in South Africa. <i>BioControl</i> , 2018, 63, 437-447.	0.9	10
201	From universal to local: perspectives on cultural landscape heritage in South Africa. <i>International Journal of Heritage Studies</i> , 2018, 24, 35-52.	1.0	42
202	Landscape Level Effects of Lion Presence ( <i>Panthera leo</i> ) on Two Contrasting Prey Species. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	1.1	14

#	ARTICLE	IF	CITATIONS
203	Nitrogen isotope ( $\delta^{15}\text{N}$ ) patterns for amino acids in lemur bones are inconsistent with aridity driving megafaunal extinction in southwestern Madagascar. <i>Journal of Quaternary Science</i> , 2018, 33, 958-968.	1.1	21
204	The introduction, spread and ecology of redclaw crayfish <i>Cherax quadricarinatus</i> in the Zambezi catchment. <i>African Journal of Aquatic Science</i> , 2018, 43, 353-366.	0.5	18
205	Drivers of species turnover vary with species commonness for native and alien plants with different residence times. <i>Ecology</i> , 2018, 99, 2763-2775.	1.5	42
206	Fossil herbivores and crocodiles as paleoclimatic indicators of environmental shifts from Bed I and Bed II times of the Olduvai Gorge, Tanzania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 511, 550-557.	1.0	7
207	Transmission and terrestrial dispersal of non-native ectosymbionts on invasive crayfish. <i>Hydrobiologia</i> , 2018, 820, 135-144.	1.0	4
208	Is early silcrete heat treatment a new behavioural proxy in the Middle Stone Age?. <i>PLoS ONE</i> , 2018, 13, e0204705.	1.1	16
209	Academics of colour: Experiences of emerging Black women academics in Curriculum Studies at a university in South Africa. <i>Agenda</i> , 2018, 32, 28-42.	0.4	16
210	The endangered Florida pondweed ( <i>Potamogeton floridanus</i> ) is a hybrid: Why we need to understand biodiversity thoroughly. <i>PLoS ONE</i> , 2018, 13, e0195241.	1.1	11
211	Development of a multi-criteria decision making model for evaluating the energy potential of <i>Miscanthus</i> germplasms for bioenergy production. <i>Industrial Crops and Products</i> , 2018, 125, 602-615.	2.5	19
212	The Invasive Vespidae in South Africa: Potential Management Strategies and Current Status. <i>African Entomology</i> , 2018, 26, 267-285.	0.6	7
213	Climate Change Adaptation through the Water-Energy-Food Nexus in Southern Africa. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2306.	1.2	98
214	Transcriptome analysis of an incompatible <i>Persea americana</i> - <i>Phytophthora cinnamomi</i> interaction reveals the involvement of SA- and JA-pathways in a successful defense response. <i>PLoS ONE</i> , 2018, 13, e0205705.	1.1	30
215	Invasion by non-indigenous freshwater decapods of Malta and Sicily, central Mediterranean Sea. <i>Journal of Crustacean Biology</i> , 0, , .	0.3	14
216	Increase of antimicrobial and photocatalytic properties of silver-doped PbS obtained by sonochemical method. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 19052-19062.	1.1	19
217	Mapping Mangrove Forests Based on Multi-Tidal High-Resolution Satellite Imagery. <i>Remote Sensing</i> , 2018, 10, 1343.	1.8	46
218	Comparative Metabolic Phenotyping of Tomato ( <i>Solanum lycopersicum</i> ) for the Identification of Metabolic Signatures in Cultivars Differing in Resistance to <i>Ralstonia solanacearum</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 2558.	1.8	33
219	Phylogenomics Reveal the Dynamic Evolution of Fungal Nitric Oxide Reductases and Their Relationship to Secondary Metabolism. <i>Genome Biology and Evolution</i> , 2018, 10, 2474-2489.	1.1	44
220	Evaluation of commonly used herbs to enhance shelf life of ghee against oxidative deterioration. <i>Journal of Food Processing and Preservation</i> , 2018, 42, e13658.	0.9	10

#	ARTICLE	IF	CITATIONS
221	Language, Africanisation, and Identity Politics at a South African University. <i>Journal of Language, Identity and Education</i> , 2018, 17, 255-269.	1.4	16
222	Mainstreaming sustainable adaptation to climate change into municipal planning: An analysis from the Eastern Cape, South Africa. <i>Development Southern Africa</i> , 2018, 35, 589-608.	1.1	10
223	Measuring multidisciplinary health research at South African universities: a comparative analysis based on co-authorships and journal subject categories. <i>Scientometrics</i> , 2018, 116, 1461-1485.	1.6	3
224	Trends and variability in African long-term precipitation. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018, 32, 2721-2739.	1.9	36
225	Decoding ice plants: challenges associated with barcoding and phylogenetics in the diverse succulent family Aizoaceae. <i>Genome</i> , 2018, 61, 815-821.	0.9	3
226	<i>Ganoderma</i> sp.: The Royal Mushroom for High-Altitude Ailments. , 2018, , 115-152.		0
227	Publication productivity of Indian scientists in groundnut research : A bibliometric study. <i>Collnet Journal of Scientometrics and Information Management</i> , 2018, 12, 149-159.	0.4	0
229	Activated Carbon, Biochar and Charcoal: Linkages and Synergies across Pyrogenic Carbonâ€™s ABCs. <i>Water (Switzerland)</i> , 2018, 10, 182.	1.2	195
230	Rainfall and Temperature in the Limpopo River Basin, Southern Africa: Means, Variations, and Trends from 1979 to 2013. <i>Water (Switzerland)</i> , 2018, 10, 364.	1.2	31
231	Crafting Early African Histories with Jan Vansina. <i>History in Africa</i> , 2018, 45, 99-112.	0.1	1
232	The availability of second generation feedstocks for the treatment of acid mine drainage and to improve South Africa's bio-based economy. <i>Science of the Total Environment</i> , 2018, 637-638, 132-136.	3.9	21
233	White Belonging and Brokerage at a South African Rural Frontier. <i>Ethnos</i> , 2018, 83, 868-887.	1.1	4
234	An Update: Manipulation of Fish Phenotype by Parasites. , 2018, , .		4
235	Managing Urban Plant Invasions: a Multi-Criteria Prioritization Approach. <i>Environmental Management</i> , 2018, 62, 1168-1185.	1.2	15
236	Selection and evaluation of mobile mathematical learning applications. , 2018, , .		1
237	Application of Mathematical Models and Computation in Plant Metabolomics. , 2018, , 231-254.		2
238	A comprehensive review on beneficial dietary phytochemicals in common traditional Southern African leafy vegetables. <i>Food Science and Nutrition</i> , 2018, 6, 714-727.	1.5	29
239	Metabolomics-Guided Elucidation of Abiotic Stress Tolerance Mechanisms in Plants. , 2018, , 89-131.		15

#	ARTICLE	IF	CITATIONS
240	An Introduction to Computational Phytochemistry. , 2018, , 1-41.		12
241	Advancement of Metabolomics Techniques and Their Applications in Plant Science. , 2018, , 1-36.		4
242	The impact of data precision on the effectiveness of alien plant control programmes: a case study from a protected area. <i>Biological Invasions</i> , 2018, 20, 3227-3243.	1.2	13
243	Bioactive flavonoids in <i>Moringa oleifera</i> and their health-promoting properties. <i>Journal of Functional Foods</i> , 2018, 47, 469-479.	1.6	105
244	Provisions for community participation in heritage management: case of the Zambezi Source National Monument, Zambia. <i>International Journal of Heritage Studies</i> , 2019, 25, 225-238.	1.0	14
245	Advancement of analytical techniques in some South African commercialized medicinal plants: Current and future perspectives. <i>South African Journal of Botany</i> , 2019, 126, 40-57.	1.2	18
246	Essential Oil Composition of <i>Alluaudia procera</i> and in Vitro Biological Activity on Two Drug-Resistant Models. <i>Molecules</i> , 2019, 24, 2871.	1.7	18
247	Omics Technologies for Abiotic Stress Tolerance in Plants: Current Status and Prospects. , 2019, , 1-34.		12
248	Communitiesâ€™ perceptions of health hazards induced by climate change in Mount Darwin district, Zimbabwe. <i>Jamba: Journal of Disaster Risk Studies</i> , 2019, 11, 748.	0.4	5
249	Aspects of human physical and behavioural evolution during the last 1 million years. <i>Journal of Quaternary Science</i> , 2019, 34, 355-378.	1.1	63
250	Land use/land cover dynamics and soil erosion in the Umzintlava catchment (T32E), Eastern Cape, South Africa. <i>Transactions of the Royal Society of South Africa</i> , 2019, 74, 223-237.	0.8	17
251	A new late Pleistocene subfossil site (Tsaramody, Sambaina basin, central Madagascar) with implications for the chronology of habitat and megafaunal community change on Madagascar's Central Highlands. <i>Journal of Quaternary Science</i> , 2019, 34, 379-392.	1.1	22
252	The fickle activity of a fly and a moth: variation in activity of two biocontrol agents of <i>Chrysanthemoides monilifera</i> . <i>Biological Invasions</i> , 2019, 21, 1807-1815.	1.2	3
253	A high-resolution perspective on MIS 5c-d lithic assemblages from Klasies River main site Cave 1. <i>Journal of Archaeological Science: Reports</i> , 2019, 26, 101891.	0.2	6
254	Metabolomic study of stress responses leading to plant resistance in mandarin fruit mediated by preventive applications of <i>Bacillus subtilis</i> cyclic lipopeptides. <i>Postharvest Biology and Technology</i> , 2019, 156, 110946.	2.9	14
255	Anthropometric measurements of patella and its clinical implications. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2019, 29, 1765-1769.	0.6	7
256	Differential Metabolic Reprogramming in <i>Paenibacillus alvei</i> -Primed <i>Sorghum bicolor</i> Seedlings in Response to <i>Fusarium pseudograminearum</i> Infection. <i>Metabolites</i> , 2019, 9, 150.	1.3	19
257	One Hundred Pressing Questions on the Future of Global Fish Migration Science, Conservation, and Policy. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	66

#	ARTICLE	IF	CITATIONS
258	The role of South African researchers in intercontinental collaboration. <i>Scientometrics</i> , 2019, 121, 1293-1321.	1.6	15
259	Lactation performance and blood metabolites in lactating dairy cows micro-supplemented with <i>Moringa oleifera</i> leaf meal. <i>South African Journal of Animal Sciences</i> , 2019, 49, 709.	0.2	13
260	Dissecting Resistance to <i>Phytophthora cinnamomi</i> in Interspecific Hybrid Chestnut Crosses Using Sequence-Based Genotyping and QTL Mapping. <i>Phytopathology</i> , 2019, 109, 1594-1604.	1.1	22
261	Nitrogen-fixing bacteria and <i>Oxalis</i> "evidence for a vertically inherited bacterial symbiosis. <i>BMC Plant Biology</i> , 2019, 19, 441.	1.6	7
262	Instructional Contextual Contestations in the Teaching of Chemical Equilibrium: A Multiple-case Study. <i>African Journal of Research in Mathematics, Science and Technology Education</i> , 2019, 23, 169-180.	0.2	3
263	Improved dielectric properties of microwave irradiated sol-gel derived SiO <sub>2</sub> -TiO <sub>2</sub> thin film. <i>Results in Engineering</i> , 2019, 4, 100033.	2.2	4
264	A spatio-temporal, landscape perspective on <i>Acacia dealbata</i> invasions and broader land use and cover changes in the northern Eastern Cape, South Africa. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 74.	1.3	8
265	Capacity of South African nursing education institutions to meet healthcare demands: A looming disaster?. <i>International Journal of Africa Nursing Sciences</i> , 2019, 10, 92-101.	0.2	2
266	Habituated <i>Moringa oleifera</i> callus retains metabolic responsiveness to external plant growth regulators. <i>Plant Cell, Tissue and Organ Culture</i> , 2019, 137, 249-264.	1.2	5
267	Rapid recovery of macroinvertebrates in a South African stream treated with rotenone. <i>Hydrobiologia</i> , 2019, 834, 1-11.	1.0	20
268	Plant Metabolomics and Quality Evaluation of Herbal Drugs. , 2019, , 629-653.		7
269	Third Year University Students' Accounts for Choosing Chemistry. <i>African Journal of Research in Mathematics, Science and Technology Education</i> , 2019, 23, 135-144.	0.2	2
270	Prickly pairs: the proportion of spinescent species does not differ between islands and mainlands. <i>Journal of Plant Ecology</i> , 2019, 12, 941-948.	1.2	13
271	The children's nursing workforce in Kenya, Malawi, Uganda, South Africa and Zambia: generating an initial indication of the extent of the workforce and training activity. <i>Human Resources for Health</i> , 2019, 17, 30.	1.1	8
272	Bioactive compounds of probiotic <i>Saccharomyces cerevisiae</i> strains isolated from cucumber jangajji. <i>Journal of Functional Foods</i> , 2019, 58, 324-329.	1.6	18
273	Predicaments in the Management of Religious Heritage Buildings and Sites in Nigeria. <i>Conservation and Management of Archaeological Sites</i> , 2019, 21, 45-65.	0.9	12
274	South African university students' attitudes towards chemistry learning in a virtually simulated learning environment. <i>Chemistry Education Research and Practice</i> , 2019, 20, 699-709.	1.4	19
275	Synthesis and characterization of a magnetic nanosorbent modified with <i>Moringa oleifera</i> leaf extracts for removal of nitroaromatic explosive compounds in water samples. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103128.	3.3	19



#	ARTICLE	IF	CITATIONS
276	Enabling transformation through critical engagement and reflexivity: a case study of South African academics. Higher Education Research and Development, 2019, 38, 780-792.	1.9	8
277	Perspectives of Seaweed as Organic Fertilizer in Agriculture. , 2019, , 267-289.		12
278	Sequestration of As(III) pollutant from water using chemically activated pine cone biomass: evaluation of interaction and mechanism. International Journal of Environmental Science and Technology, 2019, 16, 6907-6920.	1.8	9
279	Ghosts from the past: even comprehensive sampling of the native range may not be enough to unravel the introduction history of invasive species—the case of <i>Acacia dealbata</i> invasions in South Africa. American Journal of Botany, 2019, 106, 352-362.	0.8	11
280	Effects of Carbofuran on <i>Lantana camara</i> and its biocontrol agent, <i>Teleonemia scrupulosa</i> . Biocontrol Science and Technology, 2019, 29, 746-756.	0.5	3
281	On the role of climate modes in modulating the air-sea CO <sub>2</sub> fluxes in eastern boundary upwelling systems. Biogeosciences, 2019, 16, 329-346.	1.3	27
282	Soil Fertility Management for Sustainable Development. , 2019, , .		16
283	Histological and Gene Expression Analyses in Banana Reveals the Pathogenic Differences between Races 1 and 4 of Banana Fusarium Wilt Pathogen. Phytopathology, 2019, 109, 1029-1042.	1.1	19
284	Strategic competence and agency: individuals overcoming barriers to change in South African higher education. Third World Quarterly, 2019, 40, 147-162.	1.3	3
285	Differential metabolic signatures in naturally and lactic acid bacteria (LAB) fermented ting (a) Tj ETQq1 1 0.784314 rgBT /Overlock 10 spectrometry (GC-MS)-based metabolomics. Food Research International, 2019, 121, 326-335.	2.9	37
286	Comprehensive Researcher Achievement Model (CRAM): a framework for measuring researcher achievement, impact and influence derived from a systematic literature review of metrics and models. BMJ Open, 2019, 9, e025320.	0.8	21
287	Hourly gridded air temperatures of South Africa derived from MSG SEVIRI. International Journal of Applied Earth Observation and Geoinformation, 2019, 78, 261-267.	1.4	9
288	Ethnobotanical survey of invasive alien plant species used in the treatment of sexually transmitted infections in Waterberg District, South Africa. South African Journal of Botany, 2019, 122, 391-400.	1.2	14
289	Cereal Production Trends under Climate Change: Impacts and Adaptation Strategies in Southern Africa. Agriculture (Switzerland), 2019, 9, 30.	1.4	60
290	Identification of metabolite traits from the current metabolomic approaches. Theoretical and Experimental Plant Physiology, 2019, 31, 1-19.	1.1	3
291	Taxonomy of the four-scaled species of <i>Struthiola</i> L. (Thymelaeaceae). South African Journal of Botany, 2019, 121, 577-583.	1.2	1
292	Comparison of Soxhlet and reflux techniques for extraction and characterisation of potential endocrine-disrupting compounds from solid waste dumpsite soil. Environmental Monitoring and Assessment, 2019, 191, 149.	1.3	7
293	A report of the free-living freshwater planktonic copepods from an ephemeral pool in Limpopo Province, South Africa, with the description of <i>Microcyclops raynerae</i> n. sp.. Crustaceana, 2019, 92, 555-575.	0.1	0

#	ARTICLE	IF	CITATIONS
294	Can extended curriculum programmes be improved through engagement with students using appreciative inquiry?. South African Journal of Higher Education, 2019, 33, .	0.2	2
295	Public Health Care Spending in South Africa and the Impact on Nurses: 25 years of democracy?. Agenda, 2019, 33, 67-78.	0.4	3
296	The avocado genome informs deep angiosperm phylogeny, highlights introgressive hybridization, and reveals pathogen-influenced gene space adaptation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17081-17089.	3.3	134
297	Facilitators and barriers to linkage to HIV care and treatment among female sex workers in a community-based HIV prevention intervention in Tanzania: A qualitative study. PLoS ONE, 2019, 14, e0219032.	1.1	27
298	Application of Experimental Design to Hydrogen Storage: Optimisation of Lignin-Derived Carbons. Journal of Carbon Research, 2019, 5, 82.	1.4	6
299	Distribution and Assessment of Heavy Metals in <i>Trifolium dubium</i> (Little Hop Clover) and the Impact of Soil Quality. Analytical Letters, 2019, 52, 1165-1176.	1.0	1
300	Community perceptions on the health risks of acid mine drainage: the environmental justice struggles of communities near mining fields. Environment, Development and Sustainability, 2019, 21, 2619-2640.	2.7	17
301	Renewable technologies in Karnataka, India: jobs potential and co-benefits. Climate and Development, 2019, 11, 124-137.	2.2	5
302	A case for project based learning to enact semantic waves: towards cumulative knowledge building. Journal of Biological Education, 2020, 54, 363-380.	0.8	9
303	Reflecting on Global South planning and planning literature. Development Southern Africa, 2020, 37, 105-129.	1.1	3
304	Pulsed laser deposition of a ZnO:Eu <sup>3+</sup> thin film: Study of the luminescence and surface state under electron beam irradiation. Applied Surface Science, 2020, 502, 144281.	3.1	21
305	Effect of both selenium and biosynthesized nanoselenium particles on cadmium-induced neurotoxicity in albino rats. Human and Experimental Toxicology, 2020, 39, 159-172.	1.1	29
306	Functional screening of a soil metagenome for DNA endonucleases by acquired resistance to bacteriophage infection. Molecular Biology Reports, 2020, 47, 353-361.	1.0	10
307	Leaf harvesting severity affects total phenolic and tannin content of fresh and dry leaves of <i>Moringa oleifera</i> Lam. trees growing in Gauteng, South Africa. South African Journal of Botany, 2020, 129, 336-340.	1.2	18
308	Salmonella from a Microtidal Estuary Are Capable of Invading Human Intestinal Cell Lines. Microbial Ecology, 2020, 79, 259-270.	1.4	3
309	Internet-based applications for interrogating 50 years of data from the South African national water quality monitoring network. Hydrological Sciences Journal, 2020, 65, 726-734.	1.2	3
310	Arsenic Contamination of Soil in Relation to Water in Northeastern South Africa. Advances in Water Security, 2020, , 157-175.	0.8	1
311	Arsenic Water Resources Contamination. Advances in Water Security, 2020, , .	0.8	6

#	ARTICLE	IF	CITATIONS
312	A bibliometric analysis of the research on shot peening. African Journal of Science, Technology, Innovation and Development, 2020, 12, 69-77.	0.8	4
313	Effects of exotic guava ( <i>Psidium guajava</i> L.) invasion on soil properties in Limpopo, South Africa. African Journal of Ecology, 2020, 58, 272-280.	0.4	3
314	Selecting extraction conditions for the production of liquid biostimulants from the freshwater macroalga <i>Oedogonium intermedium</i> . Journal of Applied Phycology, 2020, 32, 539-551.	1.5	3
315	Convergent evolution in lemur environmental niches. Journal of Biogeography, 2020, 47, 795-806.	1.4	9
316	Polysulfone/amino-silanized poly(methyl methacrylate) dual layer hollow fiber membrane for uremic toxin separation. Separation and Purification Technology, 2020, 236, 116216.	3.9	22
317	Updating the correlates of alien mammal invasion intensity in South Africa: The basal metabolic rate matters. African Journal of Ecology, 2020, 58, 327-331.	0.4	1
318	Rhizobacteria-induced systemic tolerance against drought stress in <i>Sorghum bicolor</i> (L.) Moench. Microbiological Research, 2020, 232, 126388.	2.5	69
319	Can mountain route tourism work for the poor? Exploring worldviews from Maluti Route in the Drakensberg Region of South Africa. Tourism and Hospitality Research, 2020, 20, 18-30.	2.4	11
320	Curcumin protects the testis against cadmium-induced histopathological damages and oxidative stress in mice. Human and Experimental Toxicology, 2020, 39, 653-661.	1.1	30
321	Nutritional characterization of <i>Moringa oleifera</i> leaves, seeds, husks and flowers from two regions of Mexico. Agronomia Colombiana, 2020, 38, 287-297.	0.1	4
322	Did ERA5 Improve Temperature and Precipitation Reanalysis over East Africa?. Atmosphere, 2020, 11, 996.	1.0	117
323	Effectiveness of Conventional Crop Improvement Strategies vs. Omics. , 2020, , 253-284.		5
324	Cultural policy and just cities in Africa. City, 2020, 24, 473-492.	0.9	5
325	The GIS revolution as Stellenbosch's anchor identity. Southern African Geographical Journal, 2020, 102, 310-326.	0.9	0
326	Teaching reading in northern Nigeria: the challenges of large class size. Pedagogy, Culture and Society, 2020, , 1-18.	1.8	6
327	Characterisation of <i>Chamaecytisus tagasaste</i> , <i>Moringa oleifera</i> and <i>Vachellia karroo</i> Vermicomposts and Their Potential to Improve Soil Fertility. Sustainability, 2020, 12, 9305.	1.6	4
329	The MIS 5a (~80 ka) Middle Stone Age lithic assemblages from Melikane Rockshelter, Lesotho: Highland adaptation and social fragmentation. Quaternary International, 2022, 611-612, 115-133.	0.7	10
330	Possible ameliorative effects of hydromethanol extract of <i>Thymus vulgaris</i> on cadmium induced hepatorenal toxicity in rats. Notulae Scientia Biologicae, 2020, 12, 568-577.	0.1	2

#	ARTICLE	IF	CITATIONS
331	Rhizobacteria-induced systemic resilience in <i>Sorghum bicolor</i> (L.) moench against <i>Fusarium pseudograminearum</i> crown rot under drought stress conditions. <i>Biological Control</i> , 2020, 151, 104395.	1.4	10
332	Intra-tooth stable isotope profiles in warthog canines and third molars: Implications for paleoenvironmental reconstructions. <i>Chemical Geology</i> , 2020, 554, 119799.	1.4	6
333	Effects of aqueous and ethanolic leaf extracts from drumstick tree ( <i>Moringa oleifera</i> ) on gilthead seabream ( <i>Sparus aurata</i> L.) leucocytes, and their cytotoxic, antitumor, bactericidal and antioxidant activities. <i>Fish and Shellfish Immunology</i> , 2020, 106, 44-55.	1.6	38
334	Not playing by the rules: mixed support of ecogeographic rules in an arid-adapted African ground squirrel. <i>Journal of Zoology</i> , 2020, 312, 94-101.	0.8	3
335	Crystal Structure, Lattice Strain, Morphology, and Electrical Properties of SnO <sub>2</sub> Nanoparticles Induced by Low Calcination Temperature. <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-10.	1.0	14
336	Multispectral and hyperspectral images based land use / land cover change prediction analysis: an extensive review. <i>Multimedia Tools and Applications</i> , 2020, 79, 29751-29774.	2.6	39
337	Quality Assurance of Community Engagement in South African Higher Education Institutions: Problems and Prospects. <i>South African Review of Sociology</i> , 2020, 51, 37-54.	0.2	2
338	Does the Symmetry of Patellar Morphology Matter When Matching Osteochondral Allografts for Osteochondral Defects Involving the Central Ridge of the Patella?. <i>Cartilage</i> , 2020, , 194760352095162.	1.4	3
339	Unraveling the Global Phylodynamic and Phylogeographic Expansion of <i>Mycoplasma gallisepticum</i> : Understanding the Origin and Expansion of This Pathogen in Ecuador. <i>Pathogens</i> , 2020, 9, 674.	1.2	7
340	Perceived barriers to the development of the antimicrobial stewardship role of the nurse in intensive care: Views of healthcare professionals. <i>Southern African Journal of Critical Care</i> , 2020, 36, 51.	0.2	5
341	Bioaccumulation of heavy metals, lipid profiles, and antioxidant status of snails ( <i>Achatina</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 342	0.6	12
342	Using mixed methods to construct and analyze a participatory agent-based model of a complex Zimbabwean agro-pastoral system. <i>PLoS ONE</i> , 2020, 15, e0237638.	1.1	3
343	Biostimulants for Plant Growth and Mitigation of Abiotic Stresses: A Metabolomics Perspective. <i>Metabolites</i> , 2020, 10, 505.	1.3	116
344	Decision-level fusion of Sentinel-1 SAR and Landsat 8 OLI texture features for crop discrimination and classification: case of Masvingo, Zimbabwe. <i>Heliyon</i> , 2020, 6, e05358.	1.4	23
345	Variabilities in alkaloid concentration of <i>Sceletium tortuosum</i> (L.) N.E. Br in response to different soilless growing media and fertigation regimes in hydroponics. <i>Heliyon</i> , 2020, 6, e05479.	1.4	13
346	Key metabolites associated with the onset of flowering of guar genotypes ( <i>Cyamopsis tetragonoloba</i> ) Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 50 342	1.6	9
347	Bioactive Compounds and Antioxidant Capacity of <i>Moringa</i> Leaves Grown in Spain Versus 28 Leaves Commonly Consumed in Pre-Packaged Salads. <i>Processes</i> , 2020, 8, 1297.	1.3	11
348	Intraoperative Patella Dimension Measurement in Asian Female Patients and Its Relevance in Patellar Resurfacing in TKA. <i>Advances in Orthopedics</i> , 2020, 2020, 1-6.	0.4	6

#	ARTICLE	IF	CITATIONS
349	Occupancy dynamics of rare cyprinids after invasive fish eradication. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 1424-1436.	0.9	2
350	Identifying biodiversity knowledge gaps for conserving South Africa's endemic flora. <i>Biodiversity and Conservation</i> , 2020, 29, 2803-2819.	1.2	26
351	High genetic diversity of spider species in a mosaic montane grassland landscape. <i>PLoS ONE</i> , 2020, 15, e0234437.	1.1	2
352	Improved Winter Wheat Spatial Distribution Extraction Using A Convolutional Neural Network and Partly Connected Conditional Random Field. <i>Remote Sensing</i> , 2020, 12, 821.	1.8	8
353	Current Status and Potential of Moringa oleifera Leaf as an Alternative Protein Source for Animal Feeds. <i>Frontiers in Veterinary Science</i> , 2020, 7, 53.	0.9	85
354	From the Bottom Up: Assessing the Spectral Ability of Common Multispectral Sensors to Detect Surface Archaeological Deposits Using Field Spectrometry and Advanced Classifiers in the Shashi-Limpopo Confluence Area. <i>African Archaeological Review</i> , 2020, 37, 25-49.	0.8	4
355	Compensatory Breeding in Years Following Drought in a Desert-Dwelling Cooperative Breeder. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	26
356	Metabolomics: A Tool for Cultivar Phenotyping and Investigation of Grain Crops. <i>Agronomy</i> , 2020, 10, 831.	1.3	40
357	Yield and Metabolite Production of <i>Pelargonium sidoides</i> DC. in Response to Irrigation and Nitrogen Management. <i>Metabolites</i> , 2020, 10, 219.	1.3	5
358	Scientists' warning on invasive alien species. <i>Biological Reviews</i> , 2020, 95, 1511-1534.	4.7	928
359	Periparturient antioxidant enzymes, haematological profile and milk production of dairy cows supplemented with Moringa oleifera leaf meal. <i>Animal Feed Science and Technology</i> , 2020, 268, 114606.	1.1	12
360	Multi-temporal reconstruction of long-term changes in land cover in and around the Swartkops River Estuary, Eastern Cape, South Africa. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 173.	1.3	5
361	Improved Remote Sensing Image Classification Based on Multi-Scale Feature Fusion. <i>Remote Sensing</i> , 2020, 12, 213.	1.8	28
362	Improved Winter Wheat Spatial Distribution Extraction from High-Resolution Remote Sensing Imagery Using Semantic Features and Statistical Analysis. <i>Remote Sensing</i> , 2020, 12, 538.	1.8	10
363	Long-Term Water Quality Patterns of a Flow Regulated Tropical Lowland River. <i>Water (Switzerland)</i> , 2020, 12, 37.	1.2	12
364	Calcination effects on europium doped zinc oxide as a luminescent material synthesized via sol-gel and precipitation methods. <i>Journal of Alloys and Compounds</i> , 2020, 823, 153878.	2.8	16
365	The Power of the Shared Experience: MTN-020/ASPIRE Trial Participants's Descriptions of Peer Influence on Acceptability of and Adherence to the Dapivirine Vaginal Ring for HIV Prevention. <i>AIDS and Behavior</i> , 2020, 24, 2387-2399.	1.4	11
366	Bacterial extracts and bioformulates as a promising control of fruit body rot and root rot in avocado cv. Hass. <i>Journal of Integrative Agriculture</i> , 2020, 19, 748-758.	1.7	15

#	ARTICLE	IF	CITATIONS
367	The status of Earth Observation (EO) & Geo-Information Sciences in Africa – trends and challenges. <i>Geo-Spatial Information Science</i> , 2020, 23, 107-123.	2.4	25
368	A Comparison of Two Morphological Techniques in the Classification of Urban Land Cover. <i>Remote Sensing</i> , 2020, 12, 1089.	1.8	5
369	<i>Kudoa yasai</i> n. sp. (Multivalvulida: Kudoidae) from the skeletal muscle of <i>Macrodon ancylodon</i> (Sciaenidae) on the northern Atlantic coast, Brazil. <i>Parasitology Research</i> , 2020, 119, 1743-1752.	0.6	5
370	Archeology, Environment, and Chronology of the Early Middle Stone Age Component of Wonderwerk Cave. <i>Journal of Paleolithic Archaeology</i> , 2020, 3, 302-335.	0.7	34
371	A Review of Freshwater Crayfish Introductions in Africa. <i>Reviews in Fisheries Science and Aquaculture</i> , 2021, 29, 218-241.	5.1	23
372	Nutritional and phytochemical profiles and biological activities of <i>Moringa oleifera</i> Lam. edible parts from Guinea-Bissau (West Africa). <i>Food Chemistry</i> , 2021, 341, 128229.	4.2	26
373	The Legacy Effects of Colonial and Apartheid Imprints on Urban Greening in South Africa: Spaces, Species, and Suitability. <i>Frontiers in Ecology and Evolution</i> , 2021, 8, .	1.1	25
374	Phytoplankton strengthen CO <sub>2</sub> uptake in the South Atlantic Ocean. <i>Progress in Oceanography</i> , 2021, 190, 102476.	1.5	13
375	Regional and international research collaboration and citation impact in selected sub-Saharan African countries in the period 2000 to 2019. <i>Global Knowledge, Memory and Communication</i> , 2021, 70, 577-594.	0.9	7
377	Application of gas chromatography–mass spectrometry (GC–MS)–based metabolomics for the study of fermented cereal and legume foods: A review. <i>International Journal of Food Science and Technology</i> , 2021, 56, 1514-1534.	1.3	44
378	Quantifying shortfalls in the knowledge on Neotropical Auchenipteridae fishes. <i>Fish and Fisheries</i> , 2021, 22, 87-104.	2.7	18
379	Effects of Mining on Surface Water. , 2022, , 170-188.		8
380	Determination and distribution of 16 polycyclic aromatic hydrocarbons in water samples from Blood and Mokolo Rivers in Limpopo Province, South Africa. <i>Physics and Chemistry of the Earth</i> , 2022, 127, 103165.	1.2	1
381	Synthesis of Stabilized Iron Nanoparticles from Acid Mine Drainage and Rooibos Tea for Application as a Fenton-like Catalyst. <i>ACS Omega</i> , 2022, 7, 24423-24431.	1.6	3
382	Modeling the linkage between coal mining and ecological footprint in South Africa: does technological innovation matter?. <i>Mineral Economics</i> , 2023, 36, 123-138.	1.3	8
383	Coal mining and environmental sustainability in South Africa: do institutions matter?. <i>Environmental Science and Pollution Research</i> , 2023, 30, 20431-20449.	2.7	4
387	Arbitration of Water Disputes in the African Mining Sector. , 2024, , 1-33.		0