

Henry J O Ogola

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

900
citations

687363

13
h-index

580821

25
g-index

29
all docs

29
docs citations

29
times ranked

1052
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating Industrial Effluent Impact on Municipal Wastewater Treatment Plant in Vaal, South Africa. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1096.	2.6	112
2	Molecular Characterization of a Novel Peroxidase from the Cyanobacterium <i>Anabaena</i> sp. Strain PCC 7120. <i>Applied and Environmental Microbiology</i> , 2009, 75, 7509-7518.	3.1	110
3	Effect of mastitis on raw milk compositional quality. <i>Journal of Veterinary Science</i> , 2007, 8, 237.	1.3	87
4	Valorisation of organic waste material: growth performance of wild black soldier fly larvae (<i>Hermetia illucens</i>) reared on different organic wastes. <i>Journal of Insects As Food and Feed</i> , 2017, 3, 193-202.	3.9	85
5	Introducing rearing crickets (gryllids) at household levels: adoption, processing and nutritional values. <i>Journal of Insects As Food and Feed</i> , 2016, 2, 203-211.	3.9	72
6	Distribution, Interaction and Functional Profiles of Epiphytic Bacterial Communities from the Rocky Intertidal Seaweeds, South Africa. <i>Scientific Reports</i> , 2019, 9, 19835.	3.3	62
7	An open system for farming black soldier fly larvae as a source of proteins for smallscale poultry and fish production. <i>Journal of Insects As Food and Feed</i> , 2017, 3, 51-56.	3.9	57
8	Contemporary and future direction of chromium tanning and management in sub Saharan Africa tanneries. <i>Chemical Engineering Research and Design</i> , 2020, 133, 369-386.	5.6	47
9	Enhancement of hydrogen peroxide stability of a novel <i>Anabaena</i> sp. DyP-type peroxidase by site-directed mutagenesis of methionine residues. <i>Applied Microbiology and Biotechnology</i> , 2010, 87, 1727-1736.	3.6	40
10	An optimal feeding strategy for black soldier fly larvae biomass production and faecal sludge reduction. <i>Journal of Insects As Food and Feed</i> , 2019, 5, 201-213.	3.9	39
11	L-Aspartate dehydrogenase: features and applications. <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 503-516.	3.6	25
12	Fungal and metabolome diversity of the rhizosphere and endosphere of <i>Phragmites australis</i> in an AMD-polluted environment. <i>Heliyon</i> , 2021, 7, e06399.	3.2	21
13	Local Geomorphological Gradients and Land Use Patterns Play Key Role on the Soil Bacterial Community Diversity and Dynamics in the Highly Endemic Indigenous Afrotropical Coastal Scarp Forest Biome. <i>Frontiers in Microbiology</i> , 2021, 12, 592725.	3.5	16
14	Physico-Chemical and Metagenomic Profile Analyses of Animal Manures Routinely Used as Inocula in Anaerobic Digestion for Biogas Production. <i>Microorganisms</i> , 2022, 10, 671.	3.6	16
15	A novel L-aspartate dehydrogenase from the mesophilic bacterium <i>Pseudomonas aeruginosa</i> PAO1: molecular characterization and application for L-aspartate production. <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 1953-1962.	3.6	14
16	<i>Anabaena</i> sp. DyP-type peroxidase is a tetramer consisting of two asymmetric dimers. <i>Proteins: Structure, Function and Bioinformatics</i> , 2016, 84, 31-42.	2.6	14
17	Investigating the chromium status, heavy metal contamination, and ecological risk assessment via tannery waste disposal in sub-Saharan Africa (Kenya and South Africa). <i>Environmental Science and Pollution Research</i> , 2021, 28, 42135-42149.	5.3	13
18	Distribution and comparison of bacterial communities in HVAC systems of two university buildings: Implications for indoor air quality and public health. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 47.	2.7	11

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19	Unravelling the genetic and functional diversity of dominant bacterial communities involved in manure co-composting bioremediation of complex crude oil waste sludge. <i>Heliyon</i> , 2022, 8, e08945.	3.2	11
20	Azole antifungal resistance in fungal isolates from wastewater treatment plant effluents. <i>Environmental Science and Pollution Research</i> , 2021, 28, 3217-3229.	5.3	10
21	Microbial Community Diversity Dynamics in Acid Mine Drainage and Acid Mine Drainage-Polluted Soils: Implication on Mining Water Irrigation Agricultural Sustainability. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	3.9	10
22	Correlations Between Root Metabolomics and Bacterial Community Structures in the <i>Phragmites australis</i> Under Acid Mine Drainage-Polluted Wetland Ecosystem. <i>Current Microbiology</i> , 2022, 79, 34.	2.2	10
23	Antioxidant/Prooxidant and Antibacterial/Probacterial Effects of a Grape Seed Extract in Complex with Lipoxygenase. <i>BioMed Research International</i> , 2014, 2014, 1-9.	1.9	7
24	Pathogenic and Endosymbiotic Bacteria and Their Associated Antibiotic Resistance Biomarkers in <i>Amblyomma</i> and <i>Hyalomma</i> Ticks Infesting Nguni Cattle (<i>Bos spp.</i>). <i>Pathogens</i> , 2022, 11, 432.	2.8	4
25	Explorations and Applications of Enzyme-linked Bioremediation of Synthetic Dyes. , 0, , .		3
26	Physicochemical characterization of the pelotherapeutic and balneotherapeutic clayey soils and natural spring water at Isinuka traditional healing spa in the Eastern Cape Province of South Africa. <i>Science of the Total Environment</i> , 2020, 717, 137284.	8.0	2
27	Microbiological Air Quality in Different Indoor and Outdoor Settings in Africa and Beyond: Challenges and Prospects. , 2020, , 137-174.		2
28	Lipoxygenase-Quercetin Interaction: A Kinetic Study Through Biochemical and Spectroscopy Approaches. , 2012, , .		0
29	Shifts in Bacterial Diversity During the Spontaneous Fermentation of Maize Meal as Revealed by Targeted Amplicon Sequencing. <i>Current Microbiology</i> , 2021, 78, 1177-1187.	2.2	0