

Olayinka A Aiyegoro

List of Publications by Year in descending order

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61
papers

1,441
citations

331538

21
h-index

360920

35
g-index

65
all docs

65
docs citations

65
times ranked

1732
citing authors

#	ARTICLE	IF	CITATIONS
1	Preliminary phytochemical screening and In vitro antioxidant activities of the aqueous extract of <i>Helichrysum longifolium</i> DC. <i>BMC Complementary and Alternative Medicine</i> , 2010, 10, 21.	3.7	292
2	Antidiabetic and haematological effect of aqueous extract of stem bark of <i>Azela africana</i> (Smith) on streptozotocin-induced diabetic Wistar rats. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2011, 1, 353-358.	0.5	97
3	Alpha-Amylase Inhibition and Antioxidative Capacity of Some Antidiabetic Plants Used by the Traditional Healers in Southeastern Nigeria. <i>Scientific World Journal</i> , The, 2017, 2017, 1-11.	0.8	71
4	Phytochemical Screening and Polyphenolic Antioxidant Activity of Aqueous Crude Leaf Extract of <i>Helichrysum pedunculatum</i> . <i>International Journal of Molecular Sciences</i> , 2009, 10, 4990-5001.	1.8	50
5	Safety Evaluation and Colonisation Abilities of Four Lactic Acid Bacteria as Future Probiotics. <i>Probiotics and Antimicrobial Proteins</i> , 2019, 11, 397-402.	1.9	50
6	Antioxidant activities of <i>Moringa oleifera</i> L. and <i>Bidens pilosa</i> L. leaf extracts and their effects on oxidative stability of ground raw beef during refrigeration storage. <i>CYTA - Journal of Food</i> , 2017, 15, 249-256.	0.9	49
7	Sustainable management strategies for bacterial wilt of sweet peppers (<i>Capsicum annum</i>) and other Solanaceous crops. <i>Journal of Applied Microbiology</i> , 2020, 129, 496-508.	1.4	49
8	Multi-Strain Probiotics: Synergy among Isolates Enhances Biological Activities. <i>Biology</i> , 2021, 10, 322.	1.3	49
9	Probiotics in Animal Husbandry: Applicability and Associated Risk Factors. <i>Sustainability</i> , 2020, 12, 1087.	1.6	44
10	Preliminary Phytochemical Screening and Antibacterial Properties of Crude Stem Bark Extracts and Fractions of <i>Parkia biglobosa</i> (Jacq.). <i>Molecules</i> , 2013, 18, 8485-8499.	1.7	43
11	Antibiotics usage in food-producing animals in South Africa and impact on human: Antibiotic resistance. <i>African Journal of Microbiology Research</i> , 2013, 7, 2990-2997.	0.4	43
12	Synergistic interaction of <i>Helichrysum pedunculatum</i> leaf extracts with antibiotics against wound infection associated bacteria. <i>Biological Research</i> , 2009, 42, .	1.5	36
13	Integrated genome-based probiotic relevance and safety evaluation of <i>Lactobacillus reuteri</i> PNW1. <i>PLoS ONE</i> , 2020, 15, e0235873.	1.1	36
14	Interactions of Antibiotics and Methanolic Crude Extracts of <i>Azela Africana</i> (Smith.) Against Drug Resistance Bacterial Isolates. <i>International Journal of Molecular Sciences</i> , 2011, 12, 4477-4487.	1.8	32
15	Isolation, Identification and Screening of Potential Probiotic Bacteria in Milk from South African Saanen Goats. <i>Probiotics and Antimicrobial Proteins</i> , 2017, 9, 246-254.	1.9	30
16	Effects of probiotics on growth performance, blood parameters, and antibody stimulation in piglets. <i>South African Journal of Animal Sciences</i> , 2017, 47, 765.	0.2	29
17	Antibiogram and beta-lactamase genes among cefotaxime resistant <i>E. coli</i> from wastewater treatment plant. <i>Antimicrobial Resistance and Infection Control</i> , 2020, 9, 46.	1.5	29
18	Bacterial communities associated with the surface of fresh sweet pepper (<i>Capsicum annum</i>) and their potential as biocontrol. <i>Scientific Reports</i> , 2020, 10, 8560.	1.6	26

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19	Anti-staphylococcal, anti-HIV and cytotoxicity studies of four South African medicinal plants and isolation of bioactive compounds from <i>Cassine transvaalensis</i> (Burr. Davy) codd. BMC Complementary and Alternative Medicine, 2014, 14, 512.	3.7	25
20	Stem Bark Extract and Fraction of <i>Persea americana</i> (Mill.) Exhibits Bactericidal Activities against Strains of <i>Bacillus cereus</i> Associated with Food Poisoning. <i>Molecules</i> , 2015, 20, 416-429.	1.7	25
21	Probable mechanisms of biocidal action of <i>Cocos nucifera</i> Husk extract and fractions on bacteria isolates. BMC Complementary and Alternative Medicine, 2015, 15, 116.	3.7	25
22	Antibacterial Activities of Crude Stem Bark Extracts of <i>Distemonanthus benthamianus</i> Baill. <i>Journal of Biological Sciences</i> , 2008, 8, 356-361.	0.1	23
23	Evaluation of Antibacterial and Antifungal Properties of <i>Alchornea laxiflora</i> (Benth.) Pax. & Hoffman. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-6.	0.5	20
24	In vitro time kill assessment of crude methanol extract of <i>Helichrysum pedunculatum</i> leaves. <i>African Journal of Biotechnology</i> , 2008, 7, 1684-1688.	0.3	18
25	Characterization of Rumen Microbiota of Two Sheep Breeds Supplemented With Direct-Fed Lactic Acid Bacteria. <i>Frontiers in Veterinary Science</i> , 2020, 7, 570074.	0.9	17
26	In vitro Antibacterial Potentials of the Stem Bark of Red Water Tree (<i>Erythrophleum suaveolens</i>). <i>Journal of Biological Sciences</i> , 2007, 7, 1233-1238.	0.1	16
27	Quercetin modulates hyperglycemia by improving the pancreatic antioxidant status and enzymes activities linked with glucose metabolism in type 2 diabetes model of rats: In silico studies of molecular interaction of quercetin with hexokinase and catalase. <i>Journal of Food Biochemistry</i> , 2020, 44, e13127.	1.2	15
28	Studies on the biocidal and cell membrane disruption potentials of stem bark extracts of <i>Afzelia africana</i> (Smith). <i>Biological Research</i> , 2009, 42, .	1.5	14
29	Synergistic interaction of <i>Helichrysum pedunculatum</i> leaf extracts with antibiotics against wound infection associated bacteria. <i>Biological Research</i> , 2009, 42, 327-38.	1.5	13
30	Epiphytic Bacteria from Sweet Pepper Antagonistic In Vitro to <i>Ralstonia solanacearum</i> BD 261, a Causative Agent of Bacterial Wilt. <i>Microorganisms</i> , 2021, 9, 1947.	1.6	12
31	Interactions of antibiotics and extracts of <i>Helichrysum pedunculatum</i> against bacteria implicated in wound infections. <i>Folia Microbiologica</i> , 2010, 55, 176-180.	1.1	11
32	Effect of lactic acid bacteria administered as feed supplement on the weight gain and ruminal pH in two South African goat breeds. <i>Transactions of the Royal Society of South Africa</i> , 2021, 76, 35-40.	0.8	11
33	Effect of Interaction of Methanol Leaf Extract of <i>Spondias mombin</i> (Linn) and Amoxicillin on Some Diarrheagenic <i>Escherichia coli</i> . <i>Tropical Journal of Pharmaceutical Research</i> , 2016, 15, 475.	0.2	9
34	Biocidal effects of stem bark extract of <i>Chrysophyllum albidum</i> G. Don on vancomycin-resistant <i>Staphylococcus aureus</i> . BMC Complementary and Alternative Medicine, 2016, 16, 105.	3.7	9
35	Computational, chemical profiling and biochemical evaluation of antidiabetic potential of <i>Parkia biglobosa</i> stem bark extract in type 2 model of rats. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 9948-9961.	2.0	9
36	The in vitro antioxidant property of methanolic extract of <i>Afzelia africana</i> (Smith.). <i>Journal of Medicinal Plants Research</i> , 2010, 4, 2022-2027.	0.2	8

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37	Escravos light crude oil degrading potentials of axenic and mixed bacterial cultures. <i>Journal of General and Applied Microbiology</i> , 2008, 54, 277-284.	0.4	7
38	Pharmacological Evaluation of Selected Medicinal Plants Used in the Management of Oral and Skin Infections in Ebem-Ohafia District, Abia State, Nigeria. <i>Scientific World Journal</i> , The, 2018, 2018, 1-16.	0.8	7
39	Formulation of Chemically Defined Media and Growth Evaluation of <i>Ligilactobacillus salivarius</i> ZJ614 and <i>Limosilactobacillus reuteri</i> ZJ625. <i>Frontiers in Microbiology</i> , 2022, 13, .	1.5	7
40	Effects of <i>Lactobacillus rhamnosus</i> and <i>Enterococcus faecalis</i> Supplementation as Direct-Fed Microbials on Rumen Microbiota of Boer and Speckled Goat Breeds. <i>Veterinary Sciences</i> , 2021, 8, 103.	0.6	6
41	Antioxidant and antidiabetic activities of the seed and leaf extracts of <i>Chrysophyllum albidum</i> . <i>Asian Pacific Journal of Tropical Disease</i> , 2016, 6, 642-649.	0.5	5
42	Studies on wound healing potentials of the leaf extract of <i>Terminalia avicennioides</i> (Guill. & Tj) ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	1.2	5
43	Distribution of Important Probiotic Genes and Identification of the Biogenic Amines Produced by <i>Lactobacillus acidophilus</i> PNW3. <i>Foods</i> , 2020, 9, 1840.	1.9	5
44	Exploitation of epiphytic bacterial antagonists for the management of post-harvest diseases of sweet pepper and other fresh produce – a viable option. <i>Biocontrol Science and Technology</i> , 2020, 30, 741-761.	0.5	5
45	The analysis of physicochemical characteristics of pig farm seepage and its possible impact on the receiving natural environment. <i>African Journal of Environmental Science and Technology</i> , 2016, 10, 242-252.	0.2	4
46	Extracts of <i>Terminalia sericea</i> Enhance Cell Migratory Activity of Endothelial Hybrid and Fibroblast Cells In Vitro. <i>Planta Medica</i> , 2017, 83, 1397-1404.	0.7	4
47	Analysis of bacteriological pollution and the detection of antibiotic resistance genes of prevailing bacteria emanating from pig farm seepage. <i>MicrobiologyOpen</i> , 2019, 8, e00737.	1.2	4
48	Metagenomic Sequencing of Wastewater from a South African Research Farm. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.3	3
49	The antioxidant properties, cytotoxicity and monoamine oxidase inhibition abilities of the crude dichloromethane extract of <i>Tarhchonanthus camphoratus</i> L. leaves. <i>African Journal of Biotechnology</i> , 2011, 10, .	0.3	3
50	MICROBIAL CONTAMINATION Microbial Contamination of Processed Meat. , 2014, , 289-293.		2
51	Soil bacteriological pollution in pig farm vicinity: Assessment of bacterial dynamics and detection of antimicrobial resistance gene. <i>African Journal of Microbiology Research</i> , 2016, 10, 1625-1636.	0.4	2
52	Whole-Genome Sequence of <i>Paenibacillus polymyxa</i> Strain SRT9.1, a Promising Plant Growth-Promoting Bacterium. <i>Microbiology Resource Announcements</i> , 2022, 11, e0109721.	0.3	2
53	In vitro profiling and functional assessments of the anti-diabetic capacity of phenolic-rich extracts of <i>Bulbine natalensis</i> and <i>Bulbine frutescens</i> . <i>Diabetic Medicine</i> , 2023, 40, e14770.	1.2	2
54	MICROBIAL CONTAMINATION Microbial Contamination of Fresh Meat. , 2014, , 285-288.		1

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55	Whole-Genome Sequence of <i>Lactobacillus acidophilus</i> PNW3, Isolated from Weaned Piglets of the Indigenous South African Windsnyer Pig Breed. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	1
56	Detection of Pools of Bacteria with Public Health Importance in Wastewater Effluent from a Municipality in South Africa Using Next Generation Sequencing and Metagenomics Analysis. <i>Lecture Notes in Computer Science</i> , 2019, , 136-146.	1.0	1
57	Complete Genome Sequence of <i>Lactobacillus reuteri</i> PNW1, a Promising Probiotic Candidate. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	1
58	Study on antimicrobial and antioxidant potentials of <i>Alchornea cordifolia</i> (Linn.): an <i>in vitro</i> assessment. <i>Transactions of the Royal Society of South Africa</i> , 2020, 75, 266-281.	0.8	1
59	Association between host genetics of sheep and the rumen microbial composition. <i>Tropical Animal Health and Production</i> , 2022, 54, 109.	0.5	1
60	Medicinal plant: Dye combinations " Impact on antimicrobial potency and toxicity. <i>South African Journal of Botany</i> , 2020, 135, 188-200.	1.2	0
61	Draft Genome Sequence of Sweet Pepper Fruit Epiphyte-Associated <i>Bacillus cereus</i> HRT7.7. <i>Microbiology Resource Announcements</i> , 2022, 11, e0112521.	0.3	0