

# Olayinka A Aiyegoro

## List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	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
3	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
4	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
5	Association between host genetics of sheep and the rumen microbial composition. <i>Tropical Animal Health and Production</i> , 2022, 54, 109.	0.5	1
6	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
7	Multi-Strain Probiotics: Synergy among Isolates Enhances Biological Activities. <i>Biology</i> , 2021, 10, 322.	1.3	49
8	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
9	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
10	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
11	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
12	Studies on wound healing potentials of the leaf extract of <i>Terminalia avicennioides</i> (Guill. & Tj) ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.2	5
13	Medicinal plant: Dye combinations " Impact on antimicrobial potency and toxicity. <i>South African Journal of Botany</i> , 2020, 135, 188-200.	1.2	0
14	Integrated genome-based probiotic relevance and safety evaluation of <i>Lactobacillus reuteri</i> PNW1. <i>PLoS ONE</i> , 2020, 15, e0235873.	1.1	36
15	Study on antimicrobial and antioxidant potentials of <i>Alchornea cordifolia</i> (Linn.): an in vitro assessment. <i>Transactions of the Royal Society of South Africa</i> , 2020, 75, 266-281.	0.8	1
16	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
17	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
18	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

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19	Probiotics in Animal Husbandry: Applicability and Associated Risk Factors. Sustainability, 2020, 12, 1087.	1.6	44
20	Sustainable management strategies for bacterial wilt of sweet peppers ( <i>Capsicum annuum</i> ) and other Solanaceous crops. Journal of Applied Microbiology, 2020, 129, 496-508.	1.4	49
21	Characterization of Rumen Microbiota of Two Sheep Breeds Supplemented With Direct-Fed Lactic Acid Bacteria. Frontiers in Veterinary Science, 2020, 7, 570074.	0.9	17
22	Bacterial communities associated with the surface of fresh sweet pepper ( <i>Capsicum annuum</i> ) and their potential as biocontrol. Scientific Reports, 2020, 10, 8560.	1.6	26
23	Safety Evaluation and Colonisation Abilities of Four Lactic Acid Bacteria as Future Probiotics. Probiotics and Antimicrobial Proteins, 2019, 11, 397-402.	1.9	50
24	Whole-Genome Sequence of <i>Lactobacillus acidophilus</i> PNW3, Isolated from Weaned Piglets of the Indigenous South African Windsnyer Pig Breed. Microbiology Resource Announcements, 2019, 8, .	0.3	1
25	Detection of Pools of Bacteria with Public Health Importance in Wastewater Effluent from a Municipality in South Africa Using Next Generation Sequencing and Metagenomics Analysis. Lecture Notes in Computer Science, 2019, , 136-146.	1.0	1
26	Complete Genome Sequence of <i>Lactobacillus reuteri</i> PNW1, a Promising Probiotic Candidate. Microbiology Resource Announcements, 2019, 8, .	0.3	1
27	Analysis of bacteriological pollution and the detection of antibiotic resistance genes of prevailing bacteria emanating from pig farm seepage. MicrobiologyOpen, 2019, 8, e00737.	1.2	4
28	Metagenomic Sequencing of Wastewater from a South African Research Farm. Microbiology Resource Announcements, 2018, 7, .	0.3	3
29	Pharmacological Evaluation of Selected Medicinal Plants Used in the Management of Oral and Skin Infections in Ebem-Ohafia District, Abia State, Nigeria. Scientific World Journal, The, 2018, 2018, 1-16.	0.8	7
30	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. CYTA - Journal of Food, 2017, 15, 249-256.	0.9	49
31	Isolation, Identification and Screening of Potential Probiotic Bacteria in Milk from South African Saanen Goats. Probiotics and Antimicrobial Proteins, 2017, 9, 246-254.	1.9	30
32	Extracts of <i>Terminalia sericea</i> Enhance Cell Migratory Activity of Endothelial Hybrid and Fibroblast Cells In Vitro. Planta Medica, 2017, 83, 1397-1404.	0.7	4
33	Alpha-Amylase Inhibition and Antioxidative Capacity of Some Antidiabetic Plants Used by the Traditional Healers in Southeastern Nigeria. Scientific World Journal, The, 2017, 2017, 1-11.	0.8	71
34	Effects of probiotics on growth performance, blood parameters, and antibody stimulation in piglets. South African Journal of Animal Sciences, 2017, 47, 765.	0.2	29
35	The analysis of physicochemical characteristics of pig farm seepage and its possible impact on the receiving natural environment. African Journal of Environmental Science and Technology, 2016, 10, 242-252.	0.2	4
36	Effect of Interaction of Methanol Leaf Extract of <i>Spondias mombin</i> (Linn) and Amoxicillin on Some Diarrheagenic <i>Escherichia coli</i> . Tropical Journal of Pharmaceutical Research, 2016, 15, 475.	0.2	9

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37	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
38	Biocidal effects of stem bark extract of <i>Chrysophyllum albidum</i> G. Don on vancomycin-resistant <i>Staphylococcus aureus</i> . <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 105.	3.7	9
39	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
40	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
41	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
42	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.	3.7	25
43	MICROBIAL CONTAMINATION   Microbial Contamination of Fresh Meat. , 2014, , 285-288.		1
44	MICROBIAL CONTAMINATION   Microbial Contamination of Processed Meat. , 2014, , 289-293.		2
45	Anti-staphylococcal, anti-HIV and cytotoxicity studies of four South African medicinal plants and isolation of bioactive compounds from <i>Cassine transvaalensis</i> (Burt. Davy) codd. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 512.	3.7	25
46	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
47	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
48	Antidiabetic and haematological effect of aqueous extract of stem bark of <i>Afzelia africana</i> (Smith) on streptozotocin-induced diabetic Wistar rats. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2011, 1, 353-358.	0.5	97
49	Interactions of Antibiotics and Methanolic Crude Extracts of <i>Afzelia Africana</i> (Smith.) Against Drug Resistance Bacterial Isolates. <i>International Journal of Molecular Sciences</i> , 2011, 12, 4477-4487.	1.8	32
50	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
51	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
52	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
53	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
54	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

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55	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
56	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
57	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
58	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
59	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
60	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
61	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