

# Olubukola O Babalola

## List of Publications by Year in descending order

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Version: 2024-02-01

255  
papers

12,562  
citations

57681

46  
h-index

36203

101  
g-index

268  
all docs

268  
docs citations

268  
times ranked

10784  
citing authors

#	ARTICLE	IF	CITATIONS
1	Roles of Plant Endosphere Microbes in Agriculture-A Review. <i>Journal of Plant Growth Regulation</i> , 2022, 41, 1411-1428.	2.8	22
2	Amaranth production and consumption in South Africa: the challenges of sustainability for food and nutrition security. <i>International Journal of Agricultural Sustainability</i> , 2022, 20, 449-460.	1.3	14
3	Evaluation of <i>Pseudomonas fulva</i> PS9.1 and <i>Bacillus velezensis</i> NWLUMFkBS10.5 as Candidate Plant Growth Promoters during Maize-Fusarium Interaction. <i>Plants</i> , 2022, 11, 324.	1.6	6
4	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
5	Trichoderma: Potential bio-resource for the management of tomato root rot diseases in Africa. <i>Microbiological Research</i> , 2022, 257, 126978.	2.5	21
6	Metagenomic Survey of Tomato Rhizosphere Microbiome Using the Shotgun Approach. <i>Microbiology Resource Announcements</i> , 2022, 11, e0113121.	0.3	7
7	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
8	OPTIMIZING APPLICATION RATE OF WINERY SOLID WASTE COMPOST FOR IMPROVING THE PERFORMANCE OF MAIZE ( <i>ZEA MAYS</i> L.) GROWN ON LUVISOL AND CAMBISOL. <i>Applied Ecology and Environmental Research</i> , 2022, 20, 815-828.	0.2	1
9	Plant Growth Stage Drives the Temporal and Spatial Dynamics of the Bacterial Microbiome in the Rhizosphere of <i>Vigna subterranea</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 825377.	1.5	20
10	Sustainable Intensification of Maize in the Industrial Revolution: Potential of Nitrifying Bacteria and Archaea. <i>Frontiers in Sustainable Food Systems</i> , 2022, 6, .	1.8	1
11	Profiling of <i>Bacillus cereus</i> enterotoxigenic genes from retailed foods and detection of the nhe and hbl toxins with immunological assay. <i>Journal of Applied and Natural Science</i> , 2022, 14, 254-267.	0.2	1
12	Factors Influencing Soil Nitrification Process and the Effect on Environment and Health. <i>Frontiers in Sustainable Food Systems</i> , 2022, 6, .	1.8	7
13	Improving Bambara Groundnut Production: Insight Into the Role of Omics and Beneficial Bacteria. <i>Frontiers in Plant Science</i> , 2022, 13, 836133.	1.7	11
14	Relationship between nitrifying microorganisms and other microorganisms residing in the maize rhizosphere. <i>Archives of Microbiology</i> , 2022, 204, 246.	1.0	3
15	Meta-omics of endophytic microbes in agricultural biotechnology. <i>Biocatalysis and Agricultural Biotechnology</i> , 2022, 42, 102332.	1.5	22
16	Green synthesis of zinc oxide nanoparticles using plantain peel extracts and the evaluation of their antibacterial activity. <i>Scientific African</i> , 2022, 16, e01152.	0.7	25
17	Effect of endophytic bacterium, <i>Stenotrophomonas maltophilia</i> JVB5 on sunflowers. <i>Plant Protection Science</i> , 2022, 58, 185-198.	0.7	11
18	Effects of soil properties and carbon substrates on bacterial diversity of two sunflower farms. <i>AMB Express</i> , 2022, 12, 47.	1.4	1

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19	Biocontrol mechanisms of endophytic fungi. <i>Egyptian Journal of Biological Pest Control</i> , 2022, 32, .	0.8	30
20	Six Main Contributing Factors to High Levels of Mycotoxin Contamination in African Foods. <i>Toxins</i> , 2022, 14, 318.	1.5	18
21	Plant Health Status Affects the Functional Diversity of the Rhizosphere Microbiome Associated With <i>Solanum lycopersicum</i> . <i>Frontiers in Sustainable Food Systems</i> , 2022, 6, .	1.8	7
22	The Effects of Plant Health Status on the Community Structure and Metabolic Pathways of Rhizosphere Microbial Communities Associated with <i>Solanum lycopersicum</i> . <i>Horticulturae</i> , 2022, 8, 404.	1.2	10
23	Amplicon sequencing data profiling of bacterial community connected with the rhizospheric soil from sunflower plants. <i>Data in Brief</i> , 2022, 42, 108207.	0.5	1
24	Functional diversity of bacterial communities in the rhizosphere of maize grown on a soil under organic and inorganic fertilization. <i>Scientific African</i> , 2022, 16, e01212.	0.7	3
25	Metagenomics Shows That Termite Activities Influence the Diversity and Composition of Soil Invertebrates in Termite Mound Soils. <i>Applied and Environmental Soil Science</i> , 2022, 2022, 1-9.	0.8	1
26	Strategies to Enhance the Use of Endophytes as Bioinoculants in Agriculture. <i>Horticulturae</i> , 2022, 8, 498.	1.2	20
27	Harnessing the Known and Unknown Impact of Nanotechnology on Enhancing Food Security and Reducing Postharvest Losses: Constraints and Future Prospects. <i>Agronomy</i> , 2022, 12, 1657.	1.3	15
28	Rhizobiome engineering: Unveiling complex rhizosphere interactions to enhance plant growth and health. <i>Microbiological Research</i> , 2022, 263, 127137.	2.5	45
29	The rhizosphere microbial complex in plant health: A review of interaction dynamics. <i>Journal of Integrative Agriculture</i> , 2022, 21, 2168-2182.	1.7	11
30	Metabolomics: current application and prospects in crop production. <i>Biologia (Poland)</i> , 2021, 76, 227-239.	0.8	21
31	The endosphere microbial communities, a great promise in agriculture. <i>International Microbiology</i> , 2021, 24, 1-17.	1.1	45
32	Reclamation of arid and semi-arid soils: The role of plant growth-promoting archaea and bacteria. <i>Current Plant Biology</i> , 2021, 25, 100173.	2.3	78
33	Functional diversity of microbial communities in two contrasting maize rhizosphere soils. <i>Rhizosphere</i> , 2021, 17, 100282.	1.4	16
34	Effects of rhizobia and arbuscular mycorrhizal fungi on yield, size distribution and fatty acid of soybean seeds grown under drought stress. <i>Microbiological Research</i> , 2021, 242, 126640.	2.5	86
35	The fungal and archaeal community within plant rhizosphere: a review on their contribution to crop safety. <i>Journal of Plant Nutrition</i> , 2021, 44, 600-618.	0.9	20
36	The diverse functional genes of maize rhizosphere microbiota assessed using shotgun metagenomics. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 3193-3201.	1.7	13

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37	Resident rhizosphere microbiome's ecological dynamics and conservation: Towards achieving the envisioned Sustainable Development Goals, a review. <i>International Soil and Water Conservation Research</i> , 2021, 9, 127-142.	3.0	21
38	Management of Soil-Microorganism: Interphase for Sustainable Soil Fertility Management and Enhanced Food Security. , 2021, , 475-494.		1
39	Food Sustainability Enhancement: Plant Growth-Promoting Bacteria as Key Players in the Alleviation of Drought Stress in Plants. , 2021, , 593-610.		4
40	Unveiling the putative functional genes present in root-associated endophytic microbiome from maize plant using the shotgun approach. <i>Journal of Applied Genetics</i> , 2021, 62, 339-351.	1.0	21
41	Shotgun metagenomics reveals the functional diversity of root-associated endophytic microbiomes in maize plant. <i>Current Plant Biology</i> , 2021, 25, 100195.	2.3	17
42	Whole Genome Sequencing of Sunflower Root-Associated <i>Bacillus cereus</i> . <i>Evolutionary Bioinformatics</i> , 2021, 17, 117693432110389.	0.6	11
43	Survey of Maize Rhizosphere Microbiome Using Shotgun Metagenomics. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.3	7
44	Metagenomic insights into the bacterial community structure and functional potentials in the rhizosphere soil of maize plants. <i>Journal of Plant Interactions</i> , 2021, 16, 258-269.	1.0	12
45	Bioprospecting of microbial strains for biofuel production: metabolic engineering, applications, and challenges. <i>Biotechnology for Biofuels</i> , 2021, 14, 5.	6.2	100
46	Harnessing the Hidden Treasures in African Yam Bean ( <i>Sphenostylis stenocarpa</i> ), an Underutilized Grain Legume with Food Security Potentials. , 2021, , 1-20.		3
47	Soil Quality Indicators; Their Correlation and Role in Enhancing Agricultural Productivity. , 2021, , 271-285.		0
48	High-Throughput Sequencing Survey of Sunflower Soil. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.3	4
49	Rhizosphere Microbiome Cooperations: Strategies for Sustainable Crop Production. <i>Current Microbiology</i> , 2021, 78, 1069-1085.	1.0	40
50	Genomic exploration of <i>Bacillus thuringiensis</i> MORWBS1.1 - candidate biocontrol agent, predicts genes for biosynthesis of zwittermixin, 4,5-DOPA dioxygenase extradiol, and quercetin 2,3-dioxygenase. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 602-605.	1.4	5
51	Pharmacological Potential of Fungal Endophytes Associated with Medicinal Plants: A Review. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 147.	1.5	65
52	Agricultural Sustainability: Microbial Biofertilizers in Rhizosphere Management. <i>Agriculture</i> (Switzerland), 2021, 11, 163.	1.4	110
53	Revealing the active microbiome connected with the rhizosphere soil of maize plants in Ventersdorp, South Africa. <i>Biodiversity Data Journal</i> , 2021, 9, e60245.	0.4	1
54	The Immense Functional Attributes of Maize Rhizosphere Microbiome: A Shotgun Sequencing Approach. <i>Agriculture</i> (Switzerland), 2021, 11, 118.	1.4	7

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55	Metagenome Assembly and Metagenome-Assembled Genome Sequences from the Rhizosphere of Maize Plants in Mafikeng, South Africa. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.3	3
56	Soil fertilization affects the abundance and distribution of carbon and nitrogen cycling genes in the maize rhizosphere. <i>AMB Express</i> , 2021, 11, 24.	1.4	24
57	Metagenomic Insight into the Community Structure and Functional Genes in the Sunflower Rhizosphere Microbiome. <i>Agriculture (Switzerland)</i> , 2021, 11, 167.	1.4	13
58	Rhizobium and Mycorrhizal Fungal Species Improved Soybean Yield Under Drought Stress Conditions. <i>Current Microbiology</i> , 2021, 78, 1615-1627.	1.0	35
59	Insight into the Organizational Culture and Challenges Faced by Women STEM Leaders in Africa. <i>Social Sciences</i> , 2021, 10, 105.	0.7	7
60	Draft Genomic Analysis of <i>Pseudomonas</i> sp. Strain OA3, a Potential Plant Growth-Promoting Rhizospheric Bacterium. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.3	0
61	Metagenomic profiling of rhizosphere microbial community structure and diversity associated with maize plant as affected by cropping systems. <i>International Microbiology</i> , 2021, 24, 325-335.	1.1	22
62	Biotechnological overview of agriculturally important endophytic fungi. <i>Horticulture Environment and Biotechnology</i> , 2021, 62, 507-520.	0.7	21
63	The multifaceted plant-beneficial rhizobacteria toward agricultural sustainability. <i>Plant Protection Science</i> , 2021, 57, 95-111.	0.7	7
64	Efficacy of Biostimulants Formulated With <i>Pseudomonas putida</i> and Clay, Peat, Clay-Peat Binders on Maize Productivity in a Farming Environment in Southern Benin. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	1.8	7
65	Propagation and characterization of viable arbuscular mycorrhizal fungal spores within maize plant ( <i>Zea mays</i> L.). <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 5834-5841.	1.7	13
66	Metagenomics Assessment of Soil Fertilization on the Chemotaxis and Disease Suppressive Genes Abundance in the Maize Rhizosphere. <i>Genes</i> , 2021, 12, 535.	1.0	8
67	Microbial Diversity of Temperate Pine and Native Forest Soils Profiled by 16S rRNA Gene Amplicon Sequencing. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.3	4
68	Biotechnological utilization: the role of <i>Zea mays</i> rhizospheric bacteria in ecosystem sustainability. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 4487-4500.	1.7	20
69	Bioperturbation by Termites Affects Respiration Profiles of Microbial Communities from Termite Mound Soils. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 2115-2123.	1.7	3
70	Impact of cropping systems on the functional diversity of rhizosphere microbial communities associated with maize plant: a shotgun approach. <i>Archives of Microbiology</i> , 2021, 203, 3605-3613.	1.0	4
71	Perspectives for sustainable agriculture from the microbiome in plant rhizosphere. <i>Plant Biotechnology Reports</i> , 2021, 15, 259-278.	0.9	17
72	The Influence of Soil Fertilization on the Distribution and Diversity of Phosphorus Cycling Genes and Microbes Community of Maize Rhizosphere Using Shotgun Metagenomics. <i>Genes</i> , 2021, 12, 1022.	1.0	17

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73	Genomic assessment of <i>Stenotrophomonas indicatrix</i> for improved sunflower plant. <i>Current Genetics</i> , 2021, 67, 891-907.	0.8	11
74	Metagenomic Insight into the Community Structure of Maize-Rhizosphere Bacteria as Predicted by Different Environmental Factors and Their Functioning within Plant Proximity. <i>Microorganisms</i> , 2021, 9, 1419.	1.6	15
75	Genomic analysis of a <i>Pseudomonas</i> strain with multiple plant growth promoting properties. <i>Rhizosphere</i> , 2021, 18, 100342.	1.4	3
76	Plant Disease Management: Leveraging on the Plant-Microbe-Soil Interface in the Biorational Use of Organic Amendments. <i>Frontiers in Plant Science</i> , 2021, 12, 700507.	1.7	36
77	Draft Genome Sequencing of <i>Stenotrophomonas indicatrix</i> BOVIS40 and <i>Stenotrophomonas maltophilia</i> JVB5, Two Strains with Identifiable Genes Involved in Plant Growth Promotion. <i>Microbiology Resource Announcements</i> , 2021, 10, e0048221.	0.3	3
78	Metagenomic Study of the Community Structure and Functional Potentials in Maize Rhizosphere Microbiome: Elucidation of Mechanisms behind the Improvement in Plants under Normal and Stress Conditions. <i>Sustainability</i> , 2021, 13, 8079.	1.6	15
79	Genomic Analysis of Endophytic <i>Bacillus cereus</i> T4S and Its Plant Growth-Promoting Traits. <i>Plants</i> , 2021, 10, 1776.	1.6	30
80	Characterization of plant growth-promoting rhizobacterial isolates associated with food plants in South Africa. <i>Antonie Van Leeuwenhoek</i> , 2021, 114, 1683-1708.	0.7	8
81	Bacterial community structure of the sunflower ( <i>Helianthus annuus</i> ) endosphere. <i>Plant Signaling and Behavior</i> , 2021, 16, 1974217.	1.2	10
82	Genome Mining of Three Plant Growth-Promoting <i>Bacillus</i> Species from Maize Rhizosphere. <i>Applied Biochemistry and Biotechnology</i> , 2021, 193, 3949-3969.	1.4	22
83	GGE Biplot Analysis of Genotype $\times$ Environment Interaction and Yield Stability in Bambara Groundnut. <i>Agronomy</i> , 2021, 11, 1839.	1.3	22
84	Metagenomic Analyses of Plant Growth-Promoting and Carbon-Cycling Genes in Maize Rhizosphere Soils with Distinct Land-Use and Management Histories. <i>Genes</i> , 2021, 12, 1431.	1.0	9
85	Complete genome sequence of a plant growth-promoting rhizobacterium, <i>Bacillus</i> sp. strain OA1, isolated from soybeans. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 36, 102121.	1.5	2
86	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
87	Forest plantations reduce soil functioning in terrestrial ecosystems from South Africa. <i>Pedobiologia</i> , 2021, 89, 150757.	0.5	4
88	Plant growth-promoting root-colonizing bacterial endophytes. <i>Rhizosphere</i> , 2021, 20, 100433.	1.4	46
89	Elucidating the Rhizosphere Associated Bacteria for Environmental Sustainability. <i>Agriculture (Switzerland)</i> , 2021, 11, 75.	1.4	28
90	Biofertilizer: An Eco-friendly Approach for Sustainable Crop Production. , 2021, , 647-669.		2

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91	Nanotechnology as Vehicle for Biocontrol of Plant Diseases in Crop Production. , 2021, , 709-724.		2
92	Combined Application of Inoculant, Phosphorus and Potassium Enhances Cowpea Yield in Savanna Soils. Agronomy, 2021, 11, 15.	1.3	9
93	The plant endosphere-hidden treasures: a review of fungal endophytes. Biotechnology and Genetic Engineering Reviews, 2021, 37, 154-177.	2.4	11
94	Constraints and Prospects of Improving Cowpea Productivity to Ensure Food, Nutritional Security and Environmental Sustainability. Frontiers in Plant Science, 2021, 12, 751731.	1.7	32
95	Use of Plant Growth Promoting Rhizobacteria in Combination with Chitosan on Maize Crop: Promising Prospects for Sustainable, Environmentally Friendly Agriculture and against Abiotic Stress. Agronomy, 2021, 11, 2205.	1.3	5
96	Utilization of Microbial Consortia as Biofertilizers and Biopesticides for the Production of Feasible Agricultural Product. Biology, 2021, 10, 1111.	1.3	39
97	Impacts of land-use and management histories of maize fields on the structure, composition, and metabolic potentials of microbial communities. Current Plant Biology, 2021, 28, 100228.	2.3	7
98	Lactic acid bacterial bacteriocins and their bioactive properties against food-associated antibiotic-resistant bacteria. Annals of Microbiology, 2021, 71, .	1.1	23
99	16S rRNA gene amplicon sequence data from sunflower endosphere bacterial community. Data in Brief, 2021, 39, 107636.	0.5	2
100	Breeding Potentials of Bambara Groundnut for Food and Nutrition Security in the Face of Climate Change. Frontiers in Plant Science, 2021, 12, 798993.	1.7	18
101	Comparative study of microbial structure and functional profile of sunflower rhizosphere grown in two fields. BMC Microbiology, 2021, 21, 337.	1.3	3
102	The Potential Role of Microbial Biostimulants in the Amelioration of Climate Change-Associated Abiotic Stresses on Crops. Frontiers in Microbiology, 2021, 12, 829099.	1.5	44
103	Genetic Diversity and Environmental Influence on Growth and Yield Parameters of Bambara Groundnut. Frontiers in Plant Science, 2021, 12, 796352.	1.7	16
104	Unveiling Plant-Beneficial Function as Seen in Bacteria Genes from Termite Mound Soil. Journal of Soil Science and Plant Nutrition, 2020, 20, 421-430.	1.7	18
105	Deciphering the microbiota data from termite mound soil in South Africa using shotgun metagenomics. Data in Brief, 2020, 28, 104802.	0.5	5
106	High-throughput sequencing data of soil bacterial communities from Tweefontein indigenous and commercial forests, South Africa. Data in Brief, 2020, 28, 104916.	0.5	4
107	Heavy Metal Immobilization Potential of Indigenous Bacteria Isolated from Gold Mine Tailings. International Journal of Environmental Research, 2020, 14, 71-86.	1.1	23
108	Genotypic Profiling of <i>Bacillus cereus</i> Recovered from Some Retail Foods in Ogun State, Nigeria, and Their Phylogenetic Relationship. International Journal of Microbiology, 2020, 2020, 1-9.	0.9	1



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109	Metagenomes of Maize Rhizosphere Samples after Different Fertilization Treatments at Molelwane Farm, Located in North-West Province, South Africa. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	1
110	Sustainable agriculture in Africa: Plant growth-promoting rhizobacteria (PGPR) to the rescue. <i>Scientific African</i> , 2020, 9, e00492.	0.7	33
111	Prevalence of blaTEM, blaSHV, and blaCTX-M genes among extended spectrum beta-lactamase-producing <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> of clinical origin. <i>Gene Reports</i> , 2020, 21, 100909.	0.4	12
112	The importance of adverse soil microbiomes in the light of omics: Implications for food safety. <i>Plant, Soil and Environment</i> , 2020, 66, 421-430.	1.0	15
113	Genomic analysis of <i>Bacillus cereus</i> NWUAB01 and its heavy metal removal from polluted soil. <i>Scientific Reports</i> , 2020, 10, 19660.	1.6	81
114	Corrigendum to "Nutrient and Antinutrient Composition of Winged Bean ( <i>Psophocarpus</i> )" <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5</i>	1.4	1
115	Metagenomic profiling of bacterial diversity and community structure in termite mounds and surrounding soils. <i>Archives of Microbiology</i> , 2020, 202, 2697-2709.	1.0	23
116	Effects of inorganic and organic treatments on the microbial community of maize rhizosphere by a shotgun metagenomics approach. <i>Annals of Microbiology</i> , 2020, 70, .	1.1	50
117	Entomopathogenic Fungi as Endophytes for Biological Control of Subterranean Termite Pests Attacking Cocoa Seedlings. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 126.	1.5	16
118	Plant-archaea relationships: a potential means to improve crop production in arid and semi-arid regions. <i>World Journal of Microbiology and Biotechnology</i> , 2020, 36, 133.	1.7	24
119	Exploring the potentialities of beneficial endophytes for improved plant growth. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 3622-3633.	1.8	70
120	Evaluation of Nutritional and Antinutritional Properties of African Yam Bean ( <i>Sphenostylis</i> ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302</i>	1.4	12
121	Productivity and quality of horticultural crops through co-inoculation of arbuscular mycorrhizal fungi and plant growth promoting bacteria. <i>Microbiological Research</i> , 2020, 239, 126569.	2.5	78
122	Oilseed crop sunflower ( <i>Helianthus annuus</i> ) as a source of food: Nutritional and health benefits. <i>Food Science and Nutrition</i> , 2020, 8, 4666-4684.	1.5	167
123	Metagenomic profiling of the community structure, diversity, and nutrient pathways of bacterial endophytes in maize plant. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1559-1571.	0.7	34
124	Biochemical and Histopathological Studies of Key Tissues in Healthy Male Wistar Rats Fed on African Yam Bean Seed and Tuber Meals. <i>Journal of Food Quality</i> , 2020, 2020, 1-10.	1.4	8
125	The Nexus Between Plant and Plant Microbiome: Revelation of the Networking Strategies. <i>Frontiers in Microbiology</i> , 2020, 11, 548037.	1.5	39
126	Secondary metabolites as plant defensive strategy: a large role for small molecules in the near root region. <i>Planta</i> , 2020, 252, 61.	1.6	27



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127	Shotgun Metagenomic Survey of Maize Soil Rhizobiome. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	4
128	Organic Farming Enhances the Diversity and Community Structure of Endophytic Archaea and Fungi in Maize Plant: a Shotgun Approach. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 2587-2599.	1.7	26
129	Elucidating Mechanisms of Endophytes Used in Plant Protection and Other Bioactivities With Multifunctional Prospects. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 467.	2.0	238
130	Physicochemical properties, heavy metals, and metal-tolerant bacteria profiles of abandoned gold mine tailings in Krugersdorp, South Africa. <i>Canadian Journal of Soil Science</i> , 2020, 100, 217-233.	0.5	22
131	Characterization of actinomycetes isolates for plant growth promoting traits and their effects on drought tolerance in maize. <i>Journal of Plant Interactions</i> , 2020, 15, 93-105.	1.0	87
132	Shotgun metagenomic sequencing data of sunflower rhizosphere microbial community in South Africa. <i>Data in Brief</i> , 2020, 31, 105831.	0.5	8
133	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
134	Waste Management through Composting: Challenges and Potentials. <i>Sustainability</i> , 2020, 12, 4456.	1.6	339
135	Termite Societies Promote the Taxonomic and Functional Diversity of Archaeal Communities in Mound Soils. <i>Biology</i> , 2020, 9, 136.	1.3	6
136	Data on the vegetative response of cowpea to fertilizer application on three selected benchmark soils of the Upper West region of Ghana. <i>Data in Brief</i> , 2020, 30, 105590.	0.5	1
137	<i>Pseudomonas fulva</i> HARBPS9.1: candidate anti-Fusarium agent in South Africa. <i>European Journal of Plant Pathology</i> , 2020, 157, 767-781.	0.8	9
138	Shotgun metagenomic data of root endophytic microbiome of maize ( <i>Zea mays</i> L.). <i>Data in Brief</i> , 2020, 31, 105893.	0.5	15
139	Metagenomics methods for the study of plant-associated microbial communities: A review. <i>Journal of Microbiological Methods</i> , 2020, 170, 105860.	0.7	91
140	Metabolomic applications for understanding complex tripartite plant-microbes interactions: Strategies and perspectives. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2020, 25, e00425.	2.1	34
141	Sustainable management strategies for bacterial wilt of sweet peppers ( <i>Capsicum annuum</i> ) and other Solanaceous crops. <i>Journal of Applied Microbiology</i> , 2020, 129, 496-508.	1.4	49
142	Bambara groundnut soil metagenomics data. <i>Data in Brief</i> , 2020, 30, 105542.	0.5	0
143	Bacterial communities associated with the surface of fresh sweet pepper ( <i>Capsicum annuum</i> ) and their potential as biocontrol. <i>Scientific Reports</i> , 2020, 10, 8560.	1.6	26
144	Microbial Inoculants for Improving Carbon Sequestration in Agroecosystems to Mitigate Climate Change. , 2020, , 381-401.		3

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145	Shotgun Sequencing Revealed the Microbiota of Zea mays Rhizosphere of a Former Grassland and an Intensively Cultivated Agricultural Land. Microbiology Resource Announcements, 2020, 9, .	0.3	1
146	Molecular evidence that cellulolytic bacterial genus Cohnella is widespread among Neotropical Nasutitermitinae from NE Argentina. Revista Argentina De Microbiologia, 2019, 51, 77-80.	0.4	5
147	Genomic insights into plant growth promoting rhizobia capable of enhancing soybean germination under drought stress. BMC Microbiology, 2019, 19, 159.	1.3	94
148	Genome Sequence of Lipopeptide- and Antioxidant-Producing Strain Bacillus velezensis NWUMFkBS10.5. Microbiology Resource Announcements, 2019, 8, .	0.3	2
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