

Ayansina Segun Ayangbenro

List of Publications by Year in descending order

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48
papers

2,095
citations

623734

14
h-index

243625

44
g-index

50
all docs

50
docs citations

50
times ranked

2318
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Strategy for Heavy Metal Polluted Environments: A Review of Microbial Biosorbents. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 94.	2.6	1,062
2	Plant health: feedback effect of root exudates-rhizobiome interactions. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 1155-1166.	3.6	250
3	Sulfate-Reducing Bacteria as an Effective Tool for Sustainable Acid Mine Bioremediation. <i>Frontiers in Microbiology</i> , 2018, 9, 1986.	3.5	121
4	Genomic analysis of <i>Bacillus cereus</i> NWUAB01 and its heavy metal removal from polluted soil. <i>Scientific Reports</i> , 2020, 10, 19660.	3.3	81
5	Reclamation of arid and semi-arid soils: The role of plant growth-promoting archaea and bacteria. <i>Current Plant Biology</i> , 2021, 25, 100173.	4.7	78
6	Biofloculant production and heavy metal sorption by metal resistant bacterial isolates from gold mining soil. <i>Chemosphere</i> , 2019, 231, 113-120.	8.2	60
7	Metal(loid) Bioremediation: Strategies Employed by Microbial Polymers. <i>Sustainability</i> , 2018, 10, 3028.	3.2	45
8	The Nexus Between Plant and Plant Microbiome: Revelation of the Networking Strategies. <i>Frontiers in Microbiology</i> , 2020, 11, 548037.	3.5	39
9	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.	1.7	34
10	Genomic Analysis of Endophytic <i>Bacillus cereus</i> T4S and Its Plant Growth-Promoting Traits. <i>Plants</i> , 2021, 10, 1776.	3.5	30
11	Elucidating the Rhizosphere Associated Bacteria for Environmental Sustainability. <i>Agriculture (Switzerland)</i> , 2021, 11, 75.	3.1	28
12	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.	3.4	26
13	Genome Mining of Three Plant Growth-Promoting <i>Bacillus</i> Species from Maize Rhizosphere. <i>Applied Biochemistry and Biotechnology</i> , 2021, 193, 3949-3969.	2.9	22
14	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.	1.9	21
15	Shotgun metagenomics reveals the functional diversity of root-associated endophytic microbiomes in maize plant. <i>Current Plant Biology</i> , 2021, 25, 100195.	4.7	17
16	Functional diversity of microbial communities in two contrasting maize rhizosphere soils. <i>Rhizosphere</i> , 2021, 17, 100282.	3.0	16
17	Shotgun metagenomic data of root endophytic microbiome of maize (<i>Zea mays</i> L.). <i>Data in Brief</i> , 2020, 31, 105893.	1.0	15
18	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.	3.6	15

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19	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.	3.5	13
20	Whole Genome Sequencing of Sunflower Root-Associated <i>Bacillus cereus</i> . <i>Evolutionary Bioinformatics</i> , 2021, 17, 117693432110389.	1.2	11
21	Genomic assessment of <i>Stenotrophomonas indicatrix</i> for improved sunflower plant. <i>Current Genetics</i> , 2021, 67, 891-907.	1.7	11
22	Bacterial community structure of the sunflower (<i>Helianthus annuus</i>) endosphere. <i>Plant Signaling and Behavior</i> , 2021, 16, 1974217.	2.4	10
23	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.	2.4	9
24	Shotgun metagenomic sequencing data of sunflower rhizosphere microbial community in South Africa. <i>Data in Brief</i> , 2020, 31, 105831.	1.0	8
25	The Immense Functional Attributes of Maize Rhizosphere Microbiome: A Shotgun Sequencing Approach. <i>Agriculture (Switzerland)</i> , 2021, 11, 118.	3.1	7
26	Impacts of land-use and management histories of maize fields on the structure, composition, and metabolic potentials of microbial communities. <i>Current Plant Biology</i> , 2021, 28, 100228.	4.7	7
27	Draft Genome Sequences of Three Rhizospheric Plant Growth-Promoting Bacteria. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	5
28	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.	2.6	5
29	Draft Genome Sequence of <i>Pseudomonas koreensis</i> Strain AB36, Isolated from Gold Mining Soil. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	4
30	Draft Genome Sequence of Heavy Metal-Resistant <i>Bacillus cereus</i> NWUAB01. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	4
31	Shotgun Metagenomic Survey of Maize Soil Rhizobiome. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	4
32	High-Throughput Sequencing Survey of Sunflower Soil. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	4
33	Phytochemical screening and antimicrobial activity of <i>Olea europaea</i> subsp. <i>africana</i> against pathogenic microorganisms. <i>Scientific African</i> , 2020, 10, e00548.	1.5	3
34	Genome Sequence Resource of <i>Pseudomonas fulva</i> HARBPS9.1 Candidate Biocontrol Agent. <i>Phytopathology</i> , 2021, 111, 896-898.	2.2	3
35	Genomic analysis of a <i>Pseudomonas</i> strain with multiple plant growth promoting properties. <i>Rhizosphere</i> , 2021, 18, 100342.	3.0	3
36	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.	0.6	3

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37	Nanoparticles-assisted phytoremediation: Advances and applications. , 2022, , 155-178.		3
38	Effect of herbs and spices (plant extracts) on rumen microbial activities: a review. Pubvet, 2016, 10, 477-486.	0.0	3
39	Comparative study of microbial structure and functional profile of sunflower rhizosphere grown in two fields. BMC Microbiology, 2021, 21, 337.	3.3	3
40	Relationship between nitrifying microorganisms and other microorganisms residing in the maize rhizosphere. Archives of Microbiology, 2022, 204, 246.	2.2	3
41	Complete genome sequence of a plant growth-promoting rhizobacterium, <i>Bacillus</i> sp. strain OA1, isolated from soybeans. Biocatalysis and Agricultural Biotechnology, 2021, 36, 102121.	3.1	2
42	16S rRNA gene amplicon sequence data from sunflower endosphere bacterial community. Data in Brief, 2021, 39, 107636.	1.0	2
43	Shotgun Sequencing Revealed the Microbiota of Zea mays Rhizosphere of a Former Grassland and an Intensively Cultivated Agricultural Land. Microbiology Resource Announcements, 2020, 9, .	0.6	1
44	A review of the therapeutic properties of dithiocarbamates. F1000Research, 0, 11, 243.	1.6	1
45	Effects of soil properties and carbon substrates on bacterial diversity of two sunflower farms. AMB Express, 2022, 12, 47.	3.0	1
46	Amplicon sequencing data profiling of bacterial community connected with the rhizospheric soil from sunflower plants. Data in Brief, 2022, 42, 108207.	1.0	1
47	Draft Genomic Analysis of <i>Pseudomonas</i> sp. Strain OA3, a Potential Plant Growth-Promoting Rhizospheric Bacterium. Microbiology Resource Announcements, 2021, 10, .	0.6	0
48	Bacteriological pollution indicators in Ogun River flowing through Abeokuta Metropolis. Journal of Science and Technology (Ghana), 2017, 36, 54-63.	0.5	0