Romano Mwirichia

List of Publications by Year
in descending order

36 papers	574 citations	623734 14 h-index	642732 23 g-index
36 all docs	36 docs citations	36 times ranked	883 citing authors

#	Article	IF	Citations
1	Complete genome sequence of Planctomyces brasiliensis type strain (DSM 5305T), phylogenomic analysis and reclassification of Planctomycetes including the descriptions of Gimesia gen. nov., Planctopirus gen. nov. and Rubinisphaera gen. nov. and emended descriptions of the order Planctomycetales and the family Planctomycetaceae. Standards in Genomic Sciences, 2014, 9, 10.	1.5	76
2	Metabolic traits of an uncultured archaeal lineage -MSBL1- from brine pools of the Red Sea. Scientific Reports, 2016, 6, 19181.	3.3	66
3	Isolation and characterisation of bacteria from the haloalkaline Lake Elmenteita, Kenya. Extremophiles, 2010, 14, 339-348.	2.3	46
4	Potential of indigenous bradyrhizobia versus commercial inoculants to improve cowpea (Vigna) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 and Plant Nutrition, 2012, 58, 750-763.	1.9	44
5	454 Pyrosequencing-based assessment of bacterial diversity and community structure in termite guts, mounds and surrounding soils. SpringerPlus, 2015, 4, 471.	1.2	44
6	16S-rRNA-based analysis of bacterial diversity in the gut of fungus-cultivating termites (Microtermes) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.7	28
7	Archaeal Diversity in the Haloalkaline Lake Elmenteita in Kenya. Current Microbiology, 2010, 60, 47-52.	2.2	27
8	Bacterial Diversity in the Haloalkaline Lake Elmenteita, Kenya. Current Microbiology, 2011, 62, 209-221.	2.2	25
9	Effects of biocementation on some properties of cement-based materials incorporatingBacillus Speciesbacteria â€“ a review. Journal of Sustainable Cement-Based Materials, 2019, 8, 309-325.	3.1	25
10	Isolation of haloalkaliphilic fungi from Lake Magadi in Kenya. Heliyon, 2020, 6, e02823.	3.2	25
11	Diversity of Termitomyces Associated with Fungus-Farming Termites Assessed by Cultural and Culture-Independent Methods. PLoS ONE, 2013, 8, e56464.	2.5	25
12	Complete genome sequence of the gliding freshwater bacterium Fluviicola taffensis type strain (RW262T). Standards in Genomic Sciences, 2011, 5, 21-29.	1.5	23
13	Diversity of fungi in sediments and water sampled from the hot springs of Lake Magadi and Little Magadi in Kenya. African Journal of Microbiology Research, 2016, 10, 330-338.	0.4	21
14	Influence of Lysinibacillus sphaericus on compressive strength and water sorptivity in microbial cement mortar. Heliyon, 2019, 5, e02881.	3.2	15
15	Diversity and structure of prokaryotic communities within organic and conventional farming systems in central highlands of Kenya. PLoS ONE, 2020, 15, e0236574.	2.5	13
16	Study on the effect of Thiobacillus intermedius bacteria on the physico-mechanical properties of mortars of ordinary portland cement. Heliyon, 2020, 6, e03232.	3.2	12
17	Complete genome sequence of Syntrophobotulus glycolicus type strain (FlGlyRT). Standards in Genomic Sciences, 2011, 4, 371-380.	1.5	11
18	Complete genome sequence of the thermophilic sulfur-reducer Desulfurobacterium thermolithotrophum type strain (BSAT) from a deep-sea hydrothermal vent. Standards in Genomic Sciences, 2011, 5, 407-415.	1.5	11

#	Article	IF	Citations
19	Diversity of esterase and lipase producing haloalkaliphilic bacteria from Lake Magadi in Kenya. Journal of Basic Microbiology, 2019, 59, 1173-1184.	3.3	6
20	Isolation and characterization of enzyme producing bacteria from Lake Magadi, an extreme soda lake in Kenya. Journal of Microbiology & Experimentation, 2018, 6, .	0.2	6
21	Influence of Starkeya novella on Mechanical and Microstructural Properties of Cement Mortars. Journal of Chemistry, 2020, 2020, 1-9.	1.9	5
22	Complete genome sequence of Oceanithermus profundus type strain (506T). Standards in Genomic Sciences, 2011, 4, 210-220.	1.5	4
23	Complete genome sequence of Syntrophobotulus glycolicus type strain (FlGlyR). Standards in Genomic Sciences, 2011, 4, 371-80.	1.5	4
24	Chloride Ingress in Cement Mortars Exposed to Acidithiobacillus thiooxidans Bacteria. Advances in Materials Science and Engineering, 2020, 2020, 1-10.	1.8	3
25	Effect of Immobilizing Bacillus megaterium on the Compressive Strength and Water Absorption of Mortar. Journal of Chemistry, 2022, 2022, 1-12.	1.9	3
26	Phylogenetic and morphological diversity of culturable cyanobacteria from Lake Magadi in Kenya. African Journal of Biological Sciences, 2019, 01, 24.	0.2	2
27	Amplicon-Based Analysis of the Fungal Diversity across Four Kenyan Soda Lakes. Scientifica, 2022, 2022, 1-9.	1.7	2
28	Complete Genome Sequence of Alkalihalobacillus sp. Strain LMS39, a Haloalkaliphilic Bacterium Isolated from a Hypersaline Lake. Microbiology Resource Announcements, 2022, 11, .	0.6	1
29	Community Structure of Nitrifying and Denitrifying Bacteria from Effluents Discharged into Lake Victoria, Kenya. Current Microbiology, 2022, 79, .	2.2	1
30	Title is missing!. , 2020, 15, e0236574.		0
31	Title is missing!. , 2020, 15, e0236574.		0
32	Title is missing!. , 2020, 15, e0236574.		0
33	Title is missing!. , 2020, 15, e0236574.		0
34	Title is missing!. , 2020, 15, e0236574.		0
35	Title is missing!. , 2020, 15, e0236574.		0
36	Effects of Lysinibacillus sphaericus on Physicomechanical and Chemical Performance of OPC Blended with Natural Tuff and Pulverized Fly Ash. Advances in Materials Science and Engineering, 2022, 2022, 1-15.	1.8	0