

Muhammad Yasir

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

3,098
citations

201385

27
h-index

174990

52
g-index

78
all docs

78
docs citations

78
times ranked

4957
citing authors

#	ARTICLE	IF	CITATIONS
1	Culture of previously uncultured members of the human gut microbiota by culturomics. <i>Nature Microbiology</i> , 2016, 1, 16203.	5.9	735
2	Plant Growth Promoting Rhizobacteria and Silicon Synergistically Enhance Salinity Tolerance of Mung Bean. <i>Frontiers in Plant Science</i> , 2016, 7, 876.	1.7	178
3	Bacterial community composition and chitinase gene diversity of vermicompost with antifungal activity. <i>Bioresource Technology</i> , 2009, 100, 4396-4403.	4.8	132
4	Antibacterial nanocomposites based on chitosan/Co-MCM as a selective and efficient adsorbent for organic dyes. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 744-751.	3.6	103
5	Assessment of antibacterial cellulose nanocomposites for water permeability and salt rejection. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 24, 266-275.	2.9	94
6	Role of Gut Microbiota in Obesity, Type 2 Diabetes and Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 305-311.	0.8	94
7	The Contribution of Wastewater to the Transmission of Antimicrobial Resistance in the Environment: Implications of Mass Gathering Settings. <i>Tropical Medicine and Infectious Disease</i> , 2020, 5, 33.	0.9	92
8	Culturomics and pyrosequencing evidence of the reduction in gut microbiota diversity in patients with broad-spectrum antibiotics. <i>International Journal of Antimicrobial Agents</i> , 2014, 44, 117-124.	1.1	84
9	Effect of atorvastatin on the gut microbiota of high fat diet-induced hypercholesterolemic rats. <i>Scientific Reports</i> , 2018, 8, 662.	1.6	82
10	Culturomics and Amplicon-based Metagenomic Approaches for the Study of Fungal Population in Human Gut Microbiota. <i>Scientific Reports</i> , 2017, 7, 16788.	1.6	78
11	Diversity and Characterization of Endophytic Bacteria Associated with Tidal Flat Plants and their Antagonistic Effects on Oomycetous Plant Pathogens. <i>Plant Pathology Journal</i> , 2012, 28, 20-31.	0.7	69
12	Metagenomic Analysis of Antibiotic-Induced Changes in Gut Microbiota in a Pregnant Rat Model. <i>Frontiers in Pharmacology</i> , 2016, 7, 104.	1.6	63
13	Atorvastatin Treatment Modulates the Gut Microbiota of the Hypercholesterolemic Patients. <i>OMICS A Journal of Integrative Biology</i> , 2018, 22, 154-163.	1.0	63
14	Gut microbiome and dietary patterns in different Saudi populations and monkeys. <i>Scientific Reports</i> , 2016, 6, 32191.	1.6	55
15	Regulation of Chlamydial Infection by Host Autophagy and Vacuolar ATPase-Bearing Organelles. <i>Infection and Immunity</i> , 2011, 79, 4019-4028.	1.0	54
16	Genomic analysis of multidrug-resistant clinical <i>Enterococcus faecalis</i> isolates for antimicrobial resistance genes and virulence factors from the western region of Saudi Arabia. <i>Antimicrobial Resistance and Infection Control</i> , 2019, 8, 55.	1.5	47
17	<i>Lysobacter oryzae</i> sp. nov., isolated from the rhizosphere of rice (<i>Oryza sativa</i> L.). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 675-680.	0.8	43
18	<i>Chitinophaga eiseniae</i> sp. nov., isolated from vermicompost. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 2373-2378.	0.8	39

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19	Molecular characterization, antimicrobial resistance and clinico-bioinformatics approaches to address the problem of extended-spectrum β -lactamase-producing <i>Escherichia coli</i> in western Saudi Arabia. <i>Scientific Reports</i> , 2018, 8, 14847.	1.6	38
20	<i>Nocardioides caricicola</i> sp. nov., an endophytic bacterium isolated from a halophyte, <i>Carex scabrifolia</i> Steud.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 105-109.	0.8	37
21	Composition of soil microbiome along elevation gradients in southwestern highlands of Saudi Arabia. <i>BMC Microbiology</i> , 2015, 15, 65.	1.3	37
22	<i>Salinicoccus jeotgali</i> sp. nov., isolated from jeotgal, a traditional Korean fermented seafood. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 633-638.	0.8	36
23	microRNA analysis of gastric cancer patients from Saudi Arabian population. <i>BMC Genomics</i> , 2016, 17, 751.	1.2	36
24	<i>Neisseria meningitidis</i> nasopharyngeal carriage during the Hajj: A cohort study evaluating the need for ciprofloxacin prophylaxis. <i>Vaccine</i> , 2017, 35, 2473-2478.	1.7	36
25	Analysis of bacterial communities and characterization of antimicrobial strains from cave microbiota. <i>Brazilian Journal of Microbiology</i> , 2018, 49, 248-257.	0.8	36
26	Antimicrobial activity of bacteria from marine sponge <i>Suberea mollis</i> and bioactive metabolites of <i>Vibrio</i> sp. EA348. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1139-1147.	1.8	32
27	<i>Sphingosinicella vermicomposti</i> sp. nov., isolated from vermicompost, and emended description of the genus <i>Sphingosinicella</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 580-584.	0.8	30
28	MALDI-TOF mass spectrometry and identification of new bacteria species in air samples from Makkah, Saudi Arabia. <i>BMC Research Notes</i> , 2014, 7, 892.	0.6	29
29	Diversity of the bacterial community in the rice rhizosphere managed under conventional and no-tillage practices. <i>Journal of Microbiology</i> , 2013, 51, 747-756.	1.3	28
30	Genomic and antimicrobial resistance genes diversity in multidrug-resistant CTX-M-positive isolates of <i>Escherichia coli</i> at a health care facility in Jeddah. <i>Journal of Infection and Public Health</i> , 2020, 13, 94-100.	1.9	28
31	Non contiguous-finished genome sequence and description of <i>Clostridium jeddahense</i> sp. nov.. <i>Standards in Genomic Sciences</i> , 2014, 9, 1003-1019.	1.5	26
32	Microbial Flora Associated with the Halophyte "Salsola imbricate and Its Biotechnical Potential. <i>Frontiers in Microbiology</i> , 2018, 9, 65.	1.5	26
33	Analysis of Microbial Communities and Pathogen Detection in Domestic Sewage Using Metagenomic Sequencing. <i>Diversity</i> , 2021, 13, 6.	0.7	24
34	Comparative bacterial community analysis in relatively pristine and anthropogenically influenced mangrove ecosystems on the Red Sea. <i>Canadian Journal of Microbiology</i> , 2017, 63, 649-660.	0.8	23
35	Taxonomic diversity of antimicrobial-resistant bacteria and genes in the Red Sea coast. <i>Science of the Total Environment</i> , 2019, 677, 474-483.	3.9	23
36	Non contiguous-finished genome sequence and description of <i>Bacillus jeddahensis</i> sp. nov.. <i>Standards in Genomic Sciences</i> , 2015, 10, 47.	1.5	22

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37	Human sex hormone-binding globulin as a potential target of alternate plasticizers: an in silico study. BMC Structural Biology, 2016, 16, 15.	2.3	19
38	Noncontiguous finished genome sequence and description of <i>Raoultibacter massiliensis</i> gen. nov., sp. nov. and <i>Raoultibacter timonensis</i> sp. nov., two new bacterial species isolated from the human gut. MicrobiologyOpen, 2019, 8, e00758.	1.2	19
39	Bacillus Species as Direct-Fed Microbial Antibiotic Alternatives for Monogastric Production. Probiotics and Antimicrobial Proteins, 2023, 15, 1-16.	1.9	19
40	Halophytes-associated endophytic and rhizospheric bacteria: diversity, antagonism and metabolite production. Biocontrol Science and Technology, 2018, 28, 192-213.	0.5	18
41	Diversity and antagonistic potential of bacteria isolated from marine grass <i>Halodule uninervis</i> . 3 Biotech, 2018, 8, 48.	1.1	18
42	<p>Evaluation of gut bacterial community composition and antimicrobial resistome in pregnant and non-pregnant women from Saudi population<p>. Infection and Drug Resistance, 2019, Volume 12, 1749-1761.	1.1	18
43	Implication of Gut Microbiota in Human Health. CNS and Neurological Disorders - Drug Targets, 2014, 13, 1325-1333.	0.8	18
44	New insights of bacterial communities in fermented vegetables from shotgun metagenomics and identification of antibiotic resistance genes and probiotic bacteria. Food Research International, 2022, 157, 111190.	2.9	18
45	Cloning and functional characterization of endo- β -1,4-glucanase gene from metagenomic library of vermicompost. Journal of Microbiology, 2013, 51, 329-335.	1.3	16
46	Genome sequence of <i>Oceanobacillus picturae</i> strain S1, an halophilic bacterium first isolated in human gut. Standards in Genomic Sciences, 2015, 10, 91.	1.5	16
47	Non-contiguous finished genome sequence and description of <i>Clostridium saudii</i> sp. nov. Standards in Genomic Sciences, 2014, 9, 8.	1.5	15
48	Rise of Microbial Culturomics: Noncontiguous Finished Genome Sequence and Description of <i>Beduini massiliensis</i> gen. nov., sp. nov.. OMICS A Journal of Integrative Biology, 2015, 19, 766-776.	1.0	15
49	Detection and Genotyping of <i>Helicobacter pylori</i> among Gastric ulcer and Cancer Patients from Saudi Arabia. Pakistan Journal of Medical Sciences, 2017, 33, 320-324.	0.3	15
50	Lactoperoxidase immobilization on silver nanoparticles enhances its antimicrobial activity. Journal of Dairy Research, 2018, 85, 460-464.	0.7	15
51	Pangenome Analysis of <i>Mycobacterium tuberculosis</i> Reveals Core-Drug Targets and Screening of Promising Lead Compounds for Drug Discovery. Antibiotics, 2020, 9, 819.	1.5	15
52	Association of gut dysbiosis with intestinal metabolites in response to antibiotic treatment. Human Microbiome Journal, 2019, 11, 100054.	3.8	14
53	Impact of mass migrations on the clonal variation of clinical <i>Staphylococcus aureus</i> strains isolated from the Western region of Saudi Arabia. Journal of Infection and Public Health, 2019, 12, 317-322.	1.9	14
54	Culturomics-Based Taxonomic Diversity of Bacterial Communities in the Hot Springs of Saudi Arabia. OMICS A Journal of Integrative Biology, 2019, 23, 17-27.	1.0	13

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55	Detection of genetic alterations in gastric cancer patients from Saudi Arabia using comparative genomic hybridization (CGH). PLoS ONE, 2018, 13, e0202576.	1.1	12
56	Legionella saoudiensis sp. nov., isolated from a sewage water sample. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4367-4371.	0.8	12
57	Non-contiguous finished genome sequence and description of Corynebacterium jeddahense sp. nov.. Standards in Genomic Sciences, 2014, 9, 987-1002.	1.5	11
58	Microbial Culturomics to Map Halophilic Bacterium in Human Gut: Genome Sequence and Description of Oceanobacillus jeddahense sp. nov.. OMICS A Journal of Integrative Biology, 2016, 20, 248-258.	1.0	11
59	Association of tomato leaf curl Sudan virus with leaf curl disease of tomato in Jeddah, Saudi Arabia. VirusDisease, 2016, 27, 145-153.	1.0	11
60	Antimicrobial Susceptibility and Molecular Characterization of Clinical Strains of Acinetobacter baumannii in Western Saudi Arabia. Microbial Drug Resistance, 2019, 25, 1297-1305.	0.9	11
61	Comparative metagenomics and characterization of antimicrobial resistance genes in pasteurized and homemade fermented Arabian laban. Food Research International, 2020, 137, 109639.	2.9	11
62	Research Article Two marine sponges-associated cultivable bacteria: Diversity and biological activities. Genetics and Molecular Research, 2018, 17, .	0.3	9
63	Re-infection with a different SARS-CoV-2 clade and prolonged viral shedding in a hematopoietic stem cell transplantation patient. International Journal of Infectious Diseases, 2021, 110, 267-271.	1.5	9
64	Research Article LC-MS based identification of secondary metabolites from marine antagonistic endophytic bacteria. Genetics and Molecular Research, 2018, 17, .	0.3	6
65	Anaerococcus jeddahensis sp. nov., a New Bacterial Species Isolated From Healthy Nomadic Bedouin Woman From Saudi Arabia. Current Microbiology, 2018, 75, 1419-1428.	1.0	6
66	Draft genome sequence of colistin-resistant and extended-spectrum β -lactamase (ESBL)-producing multidrug-resistant Escherichia coli isolated from poultry meat. Journal of Global Antimicrobial Resistance, 2021, 27, 112-114.	0.9	6
67	Arabiibacter massiliensis gen. nov. sp. nov., New Anaerobic Bacterium Isolated from the Human Gut. Current Microbiology, 2022, 79, 47.	1.0	6
68	The Microbial Pathology of Neu5Ac and Gal Epitopes. Journal of Carbohydrate Chemistry, 2013, 32, 169-183.	0.4	5
69	Pyrosequencing reveals sponge specific bacterial communities in marine sponges of Red Sea, Saudi Arabia. Saudi Journal of Biological Sciences, 2020, 27, 67-73.	1.8	5
70	Prevalence of clinical malaria and household characteristics of patients in tribal districts of Pakistan. PLoS Neglected Tropical Diseases, 2021, 15, e0009371.	1.3	4
71	Molecular Interactions of Carcinogenic Aromatic Amines, 4-Aminobiphenyl and 4,4'-Diaminobiphenyl, with Lactoperoxidase – Insight to Breast Cancer. Anticancer Research, 2017, 37, 6245-6249.	0.5	4
72	Clostridium culturomicum sp. nov. and Clostridium jeddahitimonense sp. nov., novel members of the Clostridium genus isolated from the stool of an obese Saudi Arabian. Current Microbiology, 2021, 78, 3586-3595.	1.0	3

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73	Important factors causing high fatal cases of <i>Naegleria fowleri</i> primary amoebic meningoencephalitis in Pakistan. <i>International Journal of Infectious Diseases</i> , 2020, 97, 230-232.	1.5	2
74	Lack of Zika Virus and Other Recognized Flaviviruses among the Mosquito Vectors during and Post the Hajj Mass Gathering. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6275.	1.2	2
75	Bacterial diversity and the antimicrobial resistome in the southwestern highlands of Saudi Arabia. <i>Saudi Journal of Biological Sciences</i> , 2021, 29, 2138-2147.	1.8	2
76	Draft genome sequence of a clinical <i>Acinetobacter baumannii</i> isolate of new sequence type ST1688 from Saudi Arabia. <i>Journal of Global Antimicrobial Resistance</i> , 2019, 18, 151-152.	0.9	1
77	16S amplicon sequencing of microbial communities in enriched and non-enriched sediments of non-volcanic hot spring with temperature gradients. <i>PeerJ</i> , 2021, 9, e10995.	0.9	1
78	Bacterial Community and Genomic Analysis of Carbapenem-Resistant <i>Acinetobacter baumannii</i> Isolates from the Environment of a Health Care Facility in the Western Region of Saudi Arabia. <i>Pharmaceuticals</i> , 2022, 15, 611.	1.7	1