

Shibu Yooseph

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

4,449
citations

567281

15
h-index

552781

26
g-index

31
all docs

31
docs citations

31
times ranked

7241
citing authors

#	ARTICLE	IF	CITATIONS
1	Variational Approximation-Based Model Selection for Microbial Network Inference. <i>Journal of Computational Biology</i> , 2022, 29, 724-737.	1.6	1
2	De Novo Genome Assembly Highlights the Role of Lineage-Specific Gene Duplications in the Evolution of Venom in Fea's Viper (<i>Azemiops feae</i>). <i>Genome Biology and Evolution</i> , 2022, 14, .	2.5	5
3	Peroxidized Linoleic Acid, 13-HPODE, Alters Gene Expression Profile in Intestinal Epithelial Cells. <i>Foods</i> , 2021, 10, 314.	4.3	5
4	Identification of Nasal Gammaproteobacteria with Potent Activity against <i>Staphylococcus aureus</i> : Novel Insights into the "Noncarrier" State. <i>MSphere</i> , 2021, 6, .	2.9	8
5	Bacterial associations in the healthy human gut microbiome across populations. <i>Scientific Reports</i> , 2021, 11, 2828.	3.3	34
6	Bacterial community structure alterations within the colorectal cancer gut microbiome. <i>BMC Microbiology</i> , 2021, 21, 98.	3.3	26
7	Effect of 13-Hydroperoxyoctadecadienoic Acid (13-HPODE) Treatment on the Transcriptomic Profile of Poorly-Differentiated Caco-2 Cells. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2678.	2.5	0
8	Pulmonary Microbiome of Patients Receiving Mechanical Ventilation: Changes Over Time. <i>American Journal of Critical Care</i> , 2021, 30, 128-132.	1.6	3
9	Microbial community structure and composition is associated with host species and sex in <i>Sigmodon</i> cotton rats. <i>Animal Microbiome</i> , 2021, 3, 29.	3.8	3
10	Linking Inflammatory Bowel Disease Symptoms to Changes in the Gut Microbiome Structure and Function. <i>Frontiers in Microbiology</i> , 2021, 12, 673632.	3.5	6
11	Metatranscriptomics to characterize respiratory virome, microbiome, and host response directly from clinical samples. <i>Cell Reports Methods</i> , 2021, 1, 100091.	2.9	19
12	Global ecotypes in the ubiquitous marine clade SAR86. <i>ISME Journal</i> , 2020, 14, 178-188.	9.8	49
13	Evaluation of the upper airway microbiome and immune response with nasal epithelial lining fluid absorption and nasal washes. <i>Scientific Reports</i> , 2020, 10, 20618.	3.3	4
14	Co-occurrence of Anaerobes in Human Chronic Wounds. <i>Microbial Ecology</i> , 2019, 77, 808-820.	2.8	40
15	Learning a mixture of microbial networks using minorization "maximization. <i>Bioinformatics</i> , 2019, 35, i23-i30.	4.1	15
16	GRASP2: fast and memory-efficient gene-centric assembly and homolog search for metagenomic sequencing data. <i>BMC Bioinformatics</i> , 2019, 20, 276.	2.6	5
17	Gut microbiota dependent anti-tumor immunity restricts melanoma growth in <i>Rnf5</i> ^{-/-} mice. <i>Nature Communications</i> , 2019, 10, 1492.	12.8	114
18	Uncovering complex microbiome activities via metatranscriptomics during 24-hour oral biofilm assembly and maturation. <i>Microbiome</i> , 2018, 6, 217.	11.1	34

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19	Utilization of defined microbial communities enables effective evaluation of meta-genomic assemblies. BMC Genomics, 2017, 18, 296.	2.8	21
20	Gut Microbiome-Based Metagenomic Signature for Non-invasive Detection of Advanced Fibrosis in Human Nonalcoholic Fatty Liver Disease. Cell Metabolism, 2017, 25, 1054-1062.e5.	16.2	748
21	Meta-genomic analyses of Baltic Sea cyanobacteria: diversity, community structure and salt acclimation. Environmental Microbiology, 2017, 19, 673-686.	3.8	65
22	GRASP2: Fast and memory-efficient gene-centric assembly and homolog search. , 2017, , .		3
23	Global biogeography of <i>Prochlorococcus</i> genome diversity in the surface ocean. ISME Journal, 2016, 10, 1856-1865.	9.8	76
24	Library preparation methodology can influence genomic and functional predictions in human microbiome research. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14024-14029.	7.1	179
25	Diet and Feeding Pattern Affect the Diurnal Dynamics of the Gut Microbiome. Cell Metabolism, 2014, 20, 1006-1017.	16.2	655
26	Genomic insights to SAR86, an abundant and uncultivated marine bacterial lineage. ISME Journal, 2012, 6, 1186-1199.	9.8	511
27	From Bacterial to Microbial Ecosystems (Metagenomics). Methods in Molecular Biology, 2012, 804, 35-55.	0.9	21
28	Gene identification and protein classification in microbial metagenomic sequence data via incremental clustering. BMC Bioinformatics, 2008, 9, 182.	2.6	42
29	The Sorcerer II Global Ocean Sampling Expedition: Northwest Atlantic through Eastern Tropical Pacific. PLoS Biology, 2007, 5, e77.	5.6	1,757