

# Shibu Yooseph

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/278192/publications.pdf>

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	The Sorcerer II Global Ocean Sampling Expedition: Northwest Atlantic through Eastern Tropical Pacific. <i>PLoS Biology</i> , 2007, 5, e77.	5.6	1,757
2	Gut Microbiome-Based Metagenomic Signature for Non-invasive Detection of Advanced Fibrosis in Human Nonalcoholic Fatty Liver Disease. <i>Cell Metabolism</i> , 2017, 25, 1054-1062.e5.	16.2	748
3	Diet and Feeding Pattern Affect the Diurnal Dynamics of the Gut Microbiome. <i>Cell Metabolism</i> , 2014, 20, 1006-1017.	16.2	655
4	Genomic insights to SAR86, an abundant and uncultivated marine bacterial lineage. <i>ISME Journal</i> , 2012, 6, 1186-1199.	9.8	511
5	Library preparation methodology can influence genomic and functional predictions in human microbiome research. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14024-14029.	7.1	179
6	Gut microbiota dependent anti-tumor immunity restricts melanoma growth in <i>Rnf5</i> <sup>-/-</sup> mice. <i>Nature Communications</i> , 2019, 10, 1492.	12.8	114
7	Global biogeography of <i>Prochlorococcus</i> genome diversity in the surface ocean. <i>ISME Journal</i> , 2016, 10, 1856-1865.	9.8	76
8	Metaomic analyses of Baltic Sea cyanobacteria: diversity, community structure and salt acclimation. <i>Environmental Microbiology</i> , 2017, 19, 673-686.	3.8	65
9	Global ecotypes in the ubiquitous marine clade SAR86. <i>ISME Journal</i> , 2020, 14, 178-188.	9.8	49
10	Gene identification and protein classification in microbial metagenomic sequence data via incremental clustering. <i>BMC Bioinformatics</i> , 2008, 9, 182.	2.6	42
11	Co-occurrence of Anaerobes in Human Chronic Wounds. <i>Microbial Ecology</i> , 2019, 77, 808-820.	2.8	40
12	Uncovering complex microbiome activities via metatranscriptomics during 24-hour of oral biofilm assembly and maturation. <i>Microbiome</i> , 2018, 6, 217.	11.1	34
13	Bacterial associations in the healthy human gut microbiome across populations. <i>Scientific Reports</i> , 2021, 11, 2828.	3.3	34
14	Bacterial community structure alterations within the colorectal cancer gut microbiome. <i>BMC Microbiology</i> , 2021, 21, 98.	3.3	26
15	From Bacterial to Microbial Ecosystems (Metagenomics). <i>Methods in Molecular Biology</i> , 2012, 804, 35-55.	0.9	21
16	Utilization of defined microbial communities enables effective evaluation of meta-genomic assemblies. <i>BMC Genomics</i> , 2017, 18, 296.	2.8	21
17	Metatranscriptomics to characterize respiratory virome, microbiome, and host response directly from clinical samples. <i>Cell Reports Methods</i> , 2021, 1, 100091.	2.9	19
18	Learning a mixture of microbial networks using minorization maximization. <i>Bioinformatics</i> , 2019, 35, i23-i30.	4.1	15

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	Peroxidized Linoleic Acid, 13-HPODE, Alters Gene Expression Profile in Intestinal Epithelial Cells. <i>Foods</i> , 2021, 10, 314.	4.3	5
23	De Novo Genome Assembly Highlights the Role of Lineage-Specific Gene Duplications in the Evolution of Venom in <i>Fea's Viper</i> ( <i>Azemiops feae</i> ). <i>Genome Biology and Evolution</i> , 2022, 14, .	2.5	5
24	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
25	GRASP2: Fast and memory-efficient gene-centric assembly and homolog search. , 2017, , .		3
26	Pulmonary Microbiome of Patients Receiving Mechanical Ventilation: Changes Over Time. <i>American Journal of Critical Care</i> , 2021, 30, 128-132.	1.6	3
27	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
28	Variational Approximation-Based Model Selection for Microbial Network Inference. <i>Journal of Computational Biology</i> , 2022, 29, 724-737.	1.6	1
29	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