

Jorge Frias-Lopez

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

3,687
citations

236925

25
h-index

377865

34
g-index

37
all docs

37
docs citations

37
times ranked

4977
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial community gene expression in ocean surface waters. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 3805-3810.	7.1	699
2	Partitioning of Bacterial Communities between Seawater and Healthy, Black Band Diseased, and Dead Coral Surfaces. Applied and Environmental Microbiology, 2002, 68, 2214-2228.	3.1	386
3	Community-wide transcriptome of the oral microbiome in subjects with and without periodontitis. ISME Journal, 2014, 8, 1659-1672.	9.8	295
4	Lessons learned and unlearned in periodontal microbiology. Periodontology 2000, 2013, 62, 95-162.	13.4	268
5	Functional signatures of oral dysbiosis during periodontitis progression revealed by microbial metatranscriptome analysis. Genome Medicine, 2015, 7, 27.	8.2	241
6	Temporal dynamics of <i>Prochlorococcus</i> ecotypes in the Atlantic and Pacific oceans. ISME Journal, 2010, 4, 1252-1264.	9.8	221
7	Use of stable isotope-labelled cells to identify active grazers of picocyanobacteria in ocean surface waters. Environmental Microbiology, 2009, 11, 512-525.	3.8	138
8	Beyond microbial community composition: functional activities of the oral microbiome in health and disease. Microbes and Infection, 2015, 17, 505-516.	1.9	137
9	The Oral Microbiome and Cancer. Frontiers in Immunology, 2020, 11, 591088.	4.8	134
10	Cyanobacteria Associated with Coral Black Band Disease in Caribbean and Indo-Pacific Reefs. Applied and Environmental Microbiology, 2003, 69, 2409-2413.	3.1	127
11	Bacterial Community Associated with Black Band Disease in Corals. Applied and Environmental Microbiology, 2004, 70, 5955-5962.	3.1	124
12	Correlation Network Analysis Applied to Complex Biofilm Communities. PLoS ONE, 2011, 6, e28438.	2.5	108
13	Increased virulence of the oral microbiome in oral squamous cell carcinoma revealed by metatranscriptome analyses. International Journal of Oral Science, 2018, 10, 32.	8.6	88
14	Effect of Periodontal Pathogens on the Metatranscriptome of a Healthy Multispecies Biofilm Model. Journal of Bacteriology, 2012, 194, 2082-2095.	2.2	85
15	Metatranscriptome of the Oral Microbiome in Health and Disease. Journal of Dental Research, 2018, 97, 492-500.	5.2	80
16	Partitioning of bacterial communities between travertine depositional facies at Mammoth Hot Springs, Yellowstone National Park, U.S.A.. Canadian Journal of Earth Sciences, 2003, 40, 1531-1548.	1.3	78
17	Bacterial communities inhabiting the healthy tissues of two Caribbean reef corals: interspecific and spatial variation. Coral Reefs, 2005, 24, 129-137.	2.2	60
18	Transplantation-Associated Long-Term Immunosuppression Promotes Oral Colonization by Potentially Opportunistic Pathogens without Impacting Other Members of the Salivary Bacteriome. Vaccine Journal, 2013, 20, 920-930.	3.1	54

#	ARTICLE	IF	CITATIONS
19	The effect of the stress hormone cortisol on the metatranscriptome of the oral microbiome. <i>Npj Biofilms and Microbiomes</i> , 2018, 4, 25.	6.4	52
20	The Oral Mouse Microbiome Promotes Tumorigenesis in Oral Squamous Cell Carcinoma. <i>MSystems</i> , 2019, 4, .	3.8	50
21	Potassium is a key signal in host-microbiome dysbiosis in periodontitis. <i>PLoS Pathogens</i> , 2017, 13, e1006457.	4.7	40
22	Functional profiles of coronal and dentin caries in children. <i>Journal of Oral Microbiology</i> , 2018, 10, 1495976.	2.7	33
23	The Periodontal Pathogen <i>Porphyromonas gingivalis</i> Induces Expression of Transposases and Cell Death of <i>Streptococcus mitis</i> in a Biofilm Model. <i>Infection and Immunity</i> , 2014, 82, 3374-3382.	2.2	32
24	UV hyper-resistance in <i>Prochlorococcus</i> MED4 results from a single base pair deletion just upstream of an operon encoding nudix hydrolase and photolyase. <i>Environmental Microbiology</i> , 2010, 12, 1978-1988.	3.8	29
25	Small RNA Transcriptome of the Oral Microbiome during Periodontitis Progression. <i>Applied and Environmental Microbiology</i> , 2015, 81, 6688-6699.	3.1	28
26	Identification of Differential Gene Expression in Bacteria Associated with Coral Black Band Disease by Using RNA-Arbitrarily Primed PCR. <i>Applied and Environmental Microbiology</i> , 2004, 70, 3687-3694.	3.1	22
27	Virulence of the Pathogen <i>Porphyromonas gingivalis</i> Is Controlled by the CRISPR-Cas Protein Cas3. <i>MSystems</i> , 2020, 5, .	3.8	19
28	Identification of cell wall proteins of <i>Bacteroides fragilis</i> to which bacteriophage B40-8 binds specifically The PIR accession numbers for the sequences reported in this paper are A59325 (BactA) and B59325 (BactB).. <i>Microbiology (United Kingdom)</i> , 2001, 147, 281-288.	1.8	12
29	The Function of the Oral Microbiome in Health and Disease. , 2020, , 141-173.		10
30	Long-term dynamics of the human oral microbiome during clinical disease progression. <i>BMC Biology</i> , 2021, 19, 240.	3.8	10
31	Bacterial metatranscriptome of dentin caries. <i>Journal of Oral Microbiology</i> , 2017, 9, 1325194.	2.7	8
32	Targeting specific bacteria in the oral microbiome. <i>Trends in Microbiology</i> , 2015, 23, 527-528.	7.7	4
33	A priori estimation of sequencing effort in complex microbial metatranscriptomes. <i>Ecology and Evolution</i> , 2020, 10, 13382-13394.	1.9	3
34	Genetic and Biochemical Characterization of the Na ⁺ /H ⁺ Antiporters of <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2021, 203, e0028421.	2.2	2
35	Biofilm Control Strategies in Dental Health. <i>Springer Series on Biofilms</i> , 2014, , 291-326.	0.1	0