

Jonathon Baker

List of Publications by Year in descending order

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27
papers

1,087
citations

567281

15
h-index

526287

27
g-index

36
all docs

36
docs citations

36
times ranked

1649
citing authors

#	ARTICLE	IF	CITATIONS
1	Ecology of the Oral Microbiome: Beyond Bacteria. Trends in Microbiology, 2017, 25, 362-374.	7.7	222
2	Host Factor SAMHD1 Restricts DNA Viruses in Non-Dividing Myeloid Cells. PLoS Pathogens, 2013, 9, e1003481.	4.7	151
3	Development of a Bacteriophage Cocktail to Constrain the Emergence of Phage-Resistant Pseudomonas aeruginosa. Frontiers in Microbiology, 2020, 11, 327.	3.5	92
4	Acid-adaptive mechanisms of <i>Streptococcus mutans</i> “the more we know, the more we don't. Molecular Oral Microbiology, 2017, 32, 107-117.	2.7	75
5	Identification of the Bacterial Biosynthetic Gene Clusters of the Oral Microbiome Illuminates the Unexplored Social Language of Bacteria during Health and Disease. MBio, 2019, 10, .	4.1	73
6	Exploiting the Oral Microbiome to Prevent Tooth Decay: Has Evolution Already Provided the Best Tools?. Frontiers in Microbiology, 2018, 9, 3323.	3.5	70
7	Deep metagenomics examines the oral microbiome during dental caries, revealing novel taxa and co-occurrences with host molecules. Genome Research, 2021, 31, 64-74.	5.5	59
8	<i>Streptococcus mutans</i> NADH Oxidase Lies at the Intersection of Overlapping Regulons Controlled by Oxygen and NAD ⁺ Levels. Journal of Bacteriology, 2014, 196, 2166-2177.	2.2	54
9	Cariogenic <i>Streptococcus mutans</i> Produces Tetramic Acid Strain-Specific Antibiotics That Impair Commensal Colonization. ACS Infectious Diseases, 2020, 6, 563-571.	3.8	40
10	<i>Klebsiella</i> and <i>Providencia</i> emerge as lone survivors following long-term starvation of oral microbiota. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8499-8504.	7.1	30
11	Transcriptional profile of glucose-shocked and acid-adapted strains of <i>Streptococcus mutans</i> . Molecular Oral Microbiology, 2015, 30, 496-517.	2.7	27
12	Characterization of the Trehalose Utilization Operon in <i>Streptococcus mutans</i> Reveals that the TreR Transcriptional Regulator Is Involved in Stress Response Pathways and Toxin Production. Journal of Bacteriology, 2018, 200, .	2.2	24
13	Development and comparison of a quantitative TaqMan-MGB real-time PCR assay to three other methods of quantifying vaccinia virions. Journal of Virological Methods, 2014, 196, 126-132.	2.1	23
14	Loss of NADH Oxidase Activity in <i>Streptococcus mutans</i> Leads to Rex-Mediated Overcompensation in NAD ⁺ Regeneration by Lactate Dehydrogenase. Journal of Bacteriology, 2015, 197, 3645-3657.	2.2	23
15	Precision Reengineering of the Oral Microbiome for Caries Management. Advances in Dental Research, 2019, 30, 34-39.	3.6	20
16	Multi-Omics Study of Keystone Species in a Cystic Fibrosis Microbiome. International Journal of Molecular Sciences, 2021, 22, 12050.	4.1	14
17	Caries-Associated Biosynthetic Gene Clusters in <i>Streptococcus mutans</i> . Journal of Dental Research, 2020, 99, 969-976.	5.2	13
18	<i>Streptococcus mutans</i> SpxA2 relays the signal of cell envelope stress from LiaR to effectors that maintain cell wall and membrane homeostasis. Molecular Oral Microbiology, 2020, 35, 118-128.	2.7	10

#	ARTICLE	IF	CITATIONS
19	Composite Long- and Short-Read Sequencing Delivers a Complete Genome Sequence of B04Sm5, a Reutericyclin- and Mutanocyclin-Producing Strain of <i>Streptococcus mutans</i> . <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	9
20	Complete Genomes of Clade G6 <i>Saccharibacteria</i> Suggest a Divergent Ecological Niche and Lifestyle. <i>MSphere</i> , 2021, 6, e0053021.	2.9	9
21	A Modified Chromogenic Assay for Determination of the Ratio of Free Intracellular NAD ⁺ /NADH in <i>Streptococcus mutans</i> . <i>Bio-protocol</i> , 2016, 6, .	0.4	9
22	Analysis of the <i>Streptococcus mutans</i> Proteome during Acid and Oxidative Stress Reveals Modules of Protein Coexpression and an Expanded Role for the TreR Transcriptional Regulator. <i>MSystems</i> , 2022, 7, e0127221.	3.8	8
23	Tetramic Acids Mutanocyclin and Reutericyclin A, Produced by <i>Streptococcus mutans</i> Strain B04Sm5 Modulate the Ecology of an in vitro Oral Biofilm. <i>Frontiers in Oral Health</i> , 2021, 2, 796140.	3.0	5
24	<i>mucG</i> , <i>mucH</i> , and <i>mucI</i> Modulate Production of Mutanocyclin and Reutericyclins in <i>Streptococcus mutans</i> B04Sm5. <i>Journal of Bacteriology</i> , 2022, 204, e0004222.	2.2	4
25	Complete Genome Sequence of Strain JB001, a Member of <i>Saccharibacteria</i> Clade G6 (â€œ Candidatus) Tj ETQq1 1 0.784314 rgBT /Ov	0.6	3
26	Identification of Bacterial Biosynthetic Gene Associated with Caries. <i>Methods in Molecular Biology</i> , 2021, 2327, 161-189.	0.9	2
27	Complete Genome Sequence of â€œ <i>Candidatus</i> Nanosynbacterâ€•Strain HMT-348_TM7c-JB, a Member of <i>Saccharibacteria</i> Clade G1. <i>Microbiology Resource Announcements</i> , 2022, , e0002322.	0.6	2