Mary E Davey

List of Publications by Year
in descending order

32 papers	3,641 citations	430874 18 h-index	414414 32 g-index
35 all docs	35 docs citations	35 times ranked	5082 citing authors

#	Article	IF	Citations
1	Microbial Biofilms: from Ecology to Molecular Genetics. Microbiology and Molecular Biology Reviews, 2000, 64, 847-867.	6.6	2,449
2	Phylogenetic diversity of a bacterial community determined from Siberian tundra soil DNA. Microbiology (United Kingdom), 1997, 143, 3913-3919.	1.8	213
3	Flow cytometric and microscopic analysis of GFP-tagged Pseudomonas fluorescens bacteria. FEMS Microbiology Ecology, 2006, 22, 17-28.	2.7	177
4	Enhanced Biofilm Formation and Loss of Capsule Synthesis: Deletion of a Putative Glycosyltransferase in Porphyromonas gingivalis. Journal of Bacteriology, 2006, 188, 5510-5523.	2.2	113
5	Alterations in oral bacterial communities are associated with risk factors for oral and oropharyngeal cancer. Scientific Reports, 2017, 7, 17686.	3.3	97
6	Porphyromonas gingivalis: keeping the pathos out of the biont. Journal of Oral Microbiology, 2013, 5, 19804.	2.7	61
7	A Homologue of the Tryptophan-Rich Sensory Protein TspO and FixL Regulate a Novel Nutrient Deprivation-Induced Sinorhizobium meliloti Locus. Applied and Environmental Microbiology, 2000, 66, 5353-5359.	3.1	50
8	A streptococcal effector protein that inhibits Porphyromonas gingivalis biofilm development. Microbiology (United Kingdom), 2010, 156, 3469-3477.	1.8	50
9	Molecular genetics analyses of biofilm formation in oral isolates. Periodontology 2000, 2006, 42, 13-26.	13.4	41
10	Techniques for the growth of Porphyromonas gingivalis biofilms. Periodontology 2000, 2006, 42, 27-35.	13.4	39
11	Synthesis of Sphingolipids Impacts Survival of Porphyromonas gingivalis and the Presentation of Surface Polysaccharides. Frontiers in Microbiology, 2016, 7, 1919.	3.5	37
12	Microbial selective plugging of sandstone through stimulation of indigenous bacteria in a hypersaline oil reservoir. Geomicrobiology Journal, 1998, 15, 335-352.	2.0	24
13	The nucleoid-associated protein HUÎ² affects global gene expression in Porphyromonas gingivalis. Microbiology (United Kingdom), 2013, 159, 219-229.	1.8	24
14	Arginine deiminase inhibits Porphyromonas gingivalis surface attachment. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	1.8	23
15	HU Protein Affects Transcription of Surface Polysaccharide Synthesis Genes in Porphyromonas gingivalis. Journal of Bacteriology, 2010, 192, 6217-6229.	2.2	21
16	<scp>H</scp>istidine phosphocarrier protein regulates pyruvate kinase <scp>A</scp> activity in response to glucose in <scp>V</scp>ibrio vulnificus. Molecular Microbiology, 2015, 96, 293-305.	2.5	21
17	Porphyromonas gingivalisSphingolipid Synthesis Limits the Host Inflammatory Response. Journal of Dental Research, 2020, 99, 568-576.	5.2	21
18	Citrullination mediated by PPAD constrains biofilm formation in P. gingivalis strain 381. Npj Biofilms and Microbiomes, 2019, 5, 7.	6.4	20

#	Article	IF	Citations
19	Regulation of cid and lrg expression by CcpA in Streptococcus mutans. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.8	20
20	Sphingolipid-Containing Outer Membrane Vesicles Serve as a Delivery Vehicle To Limit Macrophage Immune Response to Porphyromonas gingivalis. Infection and Immunity, 2021, 89, .	2.2	20
21	Synthesis of ppGpp impacts type IX secretion and biofilm matrix formation in Porphyromonas gingivalis. Npj Biofilms and Microbiomes, 2020, 6, 5.	6.4	19
22	Amino acids as wetting agents: surface translocation by Porphyromonas gingivalis. ISME Journal, 2019, 13, 1560-1574.	9.8	17
23	Deletion of a 77-Base-Pair Inverted Repeat Element Alters the Synthesis of Surface Polysaccharides in Porphyromonas gingivalis. Journal of Bacteriology, 2015, 197, 1208-1220.	2.2	15
24	PPAD Activity Promotes Outer Membrane Vesicle Biogenesis and Surface Translocation by Porphyromonas gingivalis. Journal of Bacteriology, 2021, 203, .	2.2	12
25	Galactose Impacts the Size and Intracellular Composition of the Asaccharolytic Oral Pathobiont Porphyromonas gingivalis. Applied and Environmental Microbiology, 2019, 85, .	3.1	10
26	Regulation ofcidandlrgexpression by CodY inStreptococcus mutans. MicrobiologyOpen, 2020, 9, e1040.	3.0	9
27	Metabolic plasticity enables lifestyle transitions of Porphyromonas gingivalis. Npj Biofilms and Microbiomes, 2021, 7, 46.	6.4	9
28	A Biochemical Analysis of the Interaction of Porphyromonas gingivalis HU PG0121 Protein with DNA. PLoS ONE, 2014, 9, e93266.	2.5	7
29	Stimulation of Vibrio vulnificus Pyruvate Kinase in the Presence of Glucose to Cope With H2O2 Stress Generated by Its Competitors. Frontiers in Microbiology, 2018, 9, 1112.	3.5	7
30	Tracking Dynamic Interactions during Plaque Formation. Journal of Bacteriology, 2008, 190, 7869-7870.	2.2	6
31	Characterization of a Bacterial Kinase That Phosphorylates Dihydrosphingosine to Form dhS1P. Microbiology Spectrum, 2022, 10, e0000222.	3.0	5
32	A Novel Regulation of K-antigen Capsule Synthesis in Porphyromonas gingivalis Is Driven by the Response Regulator PG0720-Directed Antisense RNA. Frontiers in Oral Health, 2021, 2, 701659.	3.0	3