Sang-Joon Ahn

List of Publications by Year
in descending order

34	1,469	22	34
papers	citations	h-index	g-index
		304743	377865

36	36	36	1093
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterization of the Streptococcus mutans <i>SMU.1703c-SMU.1702c</i> Operon Reveals Its Role in Riboflavin Import and Response to Acid Stress. Journal of Bacteriology, 2020, 203, .	2.2	2
2	The Pta-AckA Pathway Regulates LrgAB-Mediated Pyruvate Uptake in Streptococcus mutans. Microorganisms, 2020, 8, 846.	3.6	3
3	Environmental Triggers of lrgA Expression in Streptococcus mutans. Frontiers in Microbiology, 2020, 11, 18.	3.5	11
4	Acetate and Potassium Modulate the Stationary-Phase Activation of lrgAB in Streptococcus mutans. Frontiers in Microbiology, 2020, 11, 401.	3.5	7
5	Regulation ofcidandlrgexpression by CodY inStreptococcus mutans. MicrobiologyOpen, 2020, 9, e1040.	3.0	9
6	Peptides encoded in the Streptococcus mutans RcrRPQ operon are essential for thermotolerance. Microbiology (United Kingdom), 2020, 166, 306-317.	1.8	2
7	Understanding LrgAB Regulation of Streptococcus mutans Metabolism. Frontiers in Microbiology, 2020, 11, 2119.	3.5	7
8	Characterization of LrgAB as a stationary phase-specific pyruvate uptake system in Streptococcus mutans. BMC Microbiology, 2019, 19, 223.	3.3	30
9	Genomic instability of TnSMU2 contributes to Streptococcus mutans biofilm development and competence in a cidB mutant. MicrobiologyOpen, 2019, 8, e934.	3.0	6
10	Regulation of cid and lrg expression by CcpA in Streptococcus mutans. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	1.8	20
11	Remodeling of the Streptococcus mutans proteome in response to LrgAB and external stresses. Scientific Reports, 2017, 7, 14063.	3.3	23
12	Modification of the Streptococcus mutans transcriptome by LrgAB and environmental stressors. Microbial Genomics, 2017, 3, e000104.	2.0	24
13	RNA-Seq Reveals Enhanced Sugar Metabolism in Streptococcus mutans Co-cultured with Candida albicans within Mixed-Species Biofilms. Frontiers in Microbiology, 2017, 8, 1036.	3.5	71
14	An Essential Role for (p)ppGpp in the Integration of Stress Tolerance, Peptide Signaling, and Competence Development in Streptococcus mutans. Frontiers in Microbiology, 2016, 7, 1162.	3.5	33
15	Understanding the Streptococcus mutans Cid/Lrg System through CidB Function. Applied and Environmental Microbiology, 2016, 82, 6189-6203.	3.1	35
16	Effects of Carbohydrate Source on Genetic Competence in Streptococcus mutans. Applied and Environmental Microbiology, 2016, 82, 4821-4834.	3.1	38
17	A Highly Arginolytic Streptococcus Species That Potently Antagonizes Streptococcus mutans. Applied and Environmental Microbiology, 2016, 82, 2187-2201.	3.1	109
18	Pluronics-Formulated Farnesol Promotes Efficient Killing and Demonstrates Novel Interactions with Streptococcus mutans Biofilms. PLoS ONE, 2015, 10, e0133886.	2.5	15

#	Article	IF	Citations
19	Genetics and Physiology of Acetate Metabolism by the Pta-Ack Pathway of Streptococcus mutans. Applied and Environmental Microbiology, 2015, 81, 5015-5025.	3.1	29
20	Bidirectional signaling in the competence regulatory pathway ofStreptococcus mutans. FEMS Microbiology Letters, 2015, 362, fnv159.	1.8	35
21	A unique open reading frame within the <scp><i>comX</i></scp> gene of <scp><i>S</i></scp><i>treptococcus mutans</i> regulates genetic competence and oxidative stress tolerance. Molecular Microbiology, 2015, 96, 463-482.	2.5	33
22	Sharply Tuned pH Response of Genetic Competence Regulation in Streptococcus mutans: a Microfluidic Study of the Environmental Sensitivity of <i>comX</i>. Applied and Environmental Microbiology, 2015, 81, 5622-5631.	3.1	46
23	Regulation of competence and gene expression in <i>Streptococcus mutans</i> by the RcrR transcriptional regulator. Molecular Oral Microbiology, 2015, 30, 147-159.	2.7	16
24	Discovery of Novel Peptides Regulating Competence Development in Streptococcus mutans. Journal of Bacteriology, 2014, 196, 3735-3745.	2.2	35
25	Transcriptional Organization and Physiological Contributions of the relQ Operon of Streptococcus mutans. Journal of Bacteriology, 2012, 194, 1968-1978.	2.2	24
26	Identification of the Streptococcus mutans LytST two-component regulon reveals its contribution to oxidative stress tolerance. BMC Microbiology, 2012, 12, 187.	3.3	50
27	A Transcriptional Regulator and ABC Transporters Link Stress Tolerance, (p)ppGpp, and Genetic Competence in <i>Streptococcus mutans</i>. Journal of Bacteriology, 2011, 193, 862-874.	2.2	68
28	The Streptococcus mutans Cid and Lrg systems modulate virulence traits in response to multiple environmental signals. Microbiology (United Kingdom), 2010, 156, 3136-3147.	1.8	69
29	Changes in Biochemical and Phenotypic Properties of Streptococcus mutans during Growth with Aeration. Applied and Environmental Microbiology, 2009, 75, 2517-2527.	3.1	48
30	Effects of Oxygen on Biofilm Formation and the AtlA Autolysin of <i>Streptococcus mutans</i>. Journal of Bacteriology, 2007, 189, 6293-6302.	2.2	117
31	Effects of Oxygen on Virulence Traits of Streptococcus mutans. Journal of Bacteriology, 2007, 189, 8519-8527.	2.2	93
32	Multilevel Control of Competence Development and Stress Tolerance in <i>Streptococcus mutans</i> UA159. Infection and Immunity, 2006, 74, 1631-1642.	2.2	181
33	The atlA Operon of Streptococcus mutans : Role in Autolysin Maturation and Cell Surface Biogenesis. Journal of Bacteriology, 2006, 188, 6877-6888.	2.2	75
34	Role of HtrA in Growth and Competence of Streptococcus mutans UA159. Journal of Bacteriology, 2005, 187, 3028-3038.	2.2	98