

Sang-Joon Ahn

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/79234/publications.pdf>

Version: 2024-02-01

34
papers

1,469
citations

304602

22
h-index

377752

34
g-index

36
all docs

36
docs citations

36
times ranked

1093
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. <i>Journal of Bacteriology</i> , 2020, 203, . | 1.0 | 2 |
| 2 | The Pta-AckA Pathway Regulates LrgAB-Mediated Pyruvate Uptake in Streptococcus mutans. <i>Microorganisms</i> , 2020, 8, 846. | 1.6 | 3 |
| 3 | Environmental Triggers of LrgA Expression in Streptococcus mutans. <i>Frontiers in Microbiology</i> , 2020, 11, 18. | 1.5 | 11 |
| 4 | Acetate and Potassium Modulate the Stationary-Phase Activation of LrgAB in Streptococcus mutans. <i>Frontiers in Microbiology</i> , 2020, 11, 401. | 1.5 | 7 |
| 5 | Regulation of <i>cid</i> and <i>lrg</i> expression by CodY in Streptococcus mutans. <i>MicrobiologyOpen</i> , 2020, 9, e1040. | 1.2 | 9 |
| 6 | Peptides encoded in the Streptococcus mutans RcrRPQ operon are essential for thermotolerance. <i>Microbiology (United Kingdom)</i> , 2020, 166, 306-317. | 0.7 | 2 |
| 7 | Understanding LrgAB Regulation of Streptococcus mutans Metabolism. <i>Frontiers in Microbiology</i> , 2020, 11, 2119. | 1.5 | 7 |
| 8 | Characterization of LrgAB as a stationary phase-specific pyruvate uptake system in Streptococcus mutans. <i>BMC Microbiology</i> , 2019, 19, 223. | 1.3 | 30 |
| 9 | Genomic instability of TnSMU2 contributes to Streptococcus mutans biofilm development and competence in a <i>cidB</i> mutant. <i>MicrobiologyOpen</i> , 2019, 8, e934. | 1.2 | 6 |
| 10 | Regulation of <i>cid</i> and <i>lrg</i> expression by CcpA in Streptococcus mutans. <i>Microbiology (United Kingdom)</i> 10.1093/mic/000/000/000 | 0.7 | 20 |
| 11 | Remodeling of the Streptococcus mutans proteome in response to LrgAB and external stresses. <i>Scientific Reports</i> , 2017, 7, 14063. | 1.6 | 23 |
| 12 | Modification of the Streptococcus mutans transcriptome by LrgAB and environmental stressors. <i>Microbial Genomics</i> , 2017, 3, e000104. | 1.0 | 24 |
| 13 | RNA-Seq Reveals Enhanced Sugar Metabolism in Streptococcus mutans Co-cultured with Candida albicans within Mixed-Species Biofilms. <i>Frontiers in Microbiology</i> , 2017, 8, 1036. | 1.5 | 71 |
| 14 | An Essential Role for (p)ppGpp in the Integration of Stress Tolerance, Peptide Signaling, and Competence Development in Streptococcus mutans. <i>Frontiers in Microbiology</i> , 2016, 7, 1162. | 1.5 | 33 |
| 15 | Understanding the Streptococcus mutans Cid/Lrg System through CidB Function. <i>Applied and Environmental Microbiology</i> , 2016, 82, 6189-6203. | 1.4 | 35 |
| 16 | Effects of Carbohydrate Source on Genetic Competence in Streptococcus mutans. <i>Applied and Environmental Microbiology</i> , 2016, 82, 4821-4834. | 1.4 | 38 |
| 17 | A Highly Arginolytic Streptococcus Species That Potently Antagonizes Streptococcus mutans. <i>Applied and Environmental Microbiology</i> , 2016, 82, 2187-2201. | 1.4 | 109 |
| 18 | Pluronic-Formulated Farnesol Promotes Efficient Killing and Demonstrates Novel Interactions with Streptococcus mutans Biofilms. <i>PLoS ONE</i> , 2015, 10, e0133886. | 1.1 | 15 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Genetics and Physiology of Acetate Metabolism by the Pta-Ack Pathway of <i>Streptococcus mutans</i> . <i>Applied and Environmental Microbiology</i> , 2015, 81, 5015-5025. | 1.4 | 29 |
| 20 | Bidirectional signaling in the competence regulatory pathway of <i>Streptococcus mutans</i> . <i>FEMS Microbiology Letters</i> , 2015, 362, fnv159. | 0.7 | 35 |
| 21 | A unique open reading frame within the <i>comX</i> gene of <i>Streptococcus mutans</i> regulates genetic competence and oxidative stress tolerance. <i>Molecular Microbiology</i> , 2015, 96, 463-482. | 1.2 | 33 |
| 22 | Sharply Tuned pH Response of Genetic Competence Regulation in <i>Streptococcus mutans</i> : a Microfluidic Study of the Environmental Sensitivity of <i>comX</i> . <i>Applied and Environmental Microbiology</i> , 2015, 81, 5622-5631. | 1.4 | 46 |
| 23 | Regulation of competence and gene expression in <i>Streptococcus mutans</i> by the RcrR transcriptional regulator. <i>Molecular Oral Microbiology</i> , 2015, 30, 147-159. | 1.3 | 16 |
| 24 | Discovery of Novel Peptides Regulating Competence Development in <i>Streptococcus mutans</i> . <i>Journal of Bacteriology</i> , 2014, 196, 3735-3745. | 1.0 | 35 |
| 25 | Transcriptional Organization and Physiological Contributions of the relQ Operon of <i>Streptococcus mutans</i> . <i>Journal of Bacteriology</i> , 2012, 194, 1968-1978. | 1.0 | 24 |
| 26 | Identification of the <i>Streptococcus mutans</i> LytST two-component regulon reveals its contribution to oxidative stress tolerance. <i>BMC Microbiology</i> , 2012, 12, 187. | 1.3 | 50 |
| 27 | A Transcriptional Regulator and ABC Transporters Link Stress Tolerance, (p)ppGpp, and Genetic Competence in <i>Streptococcus mutans</i> . <i>Journal of Bacteriology</i> , 2011, 193, 862-874. | 1.0 | 68 |
| 28 | The <i>Streptococcus mutans</i> Cid and Lrg systems modulate virulence traits in response to multiple environmental signals. <i>Microbiology (United Kingdom)</i> , 2010, 156, 3136-3147. | 0.7 | 69 |
| 29 | Changes in Biochemical and Phenotypic Properties of <i>Streptococcus mutans</i> during Growth with Aeration. <i>Applied and Environmental Microbiology</i> , 2009, 75, 2517-2527. | 1.4 | 48 |
| 30 | Effects of Oxygen on Biofilm Formation and the AtIA Autolysin of <i>Streptococcus mutans</i> . <i>Journal of Bacteriology</i> , 2007, 189, 6293-6302. | 1.0 | 117 |
| 31 | Effects of Oxygen on Virulence Traits of <i>Streptococcus mutans</i> . <i>Journal of Bacteriology</i> , 2007, 189, 8519-8527. | 1.0 | 93 |
| 32 | Multilevel Control of Competence Development and Stress Tolerance in <i>Streptococcus mutans</i> UA159. <i>Infection and Immunity</i> , 2006, 74, 1631-1642. | 1.0 | 181 |
| 33 | The atIA Operon of <i>Streptococcus mutans</i> : Role in Autolysin Maturation and Cell Surface Biogenesis. <i>Journal of Bacteriology</i> , 2006, 188, 6877-6888. | 1.0 | 75 |
| 34 | Role of HtrA in Growth and Competence of <i>Streptococcus mutans</i> UA159. <i>Journal of Bacteriology</i> , 2005, 187, 3028-3038. | 1.0 | 98 |