Laetitia Fontaine

List of Publications by Year
in descending order

21	1,386	471061 17	752256 20
papers	citations	h-index	g-index

22	22	22	1005
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The CovRS Environmental Sensor Directly Controls the ComRS Signaling System To Orchestrate Competence Bimodality in Salivarius Streptococci. MBio, 2022, 13, e0312521.	1.8	7
2	Circuitry Rewiring Directly Couples Competence to Predation in the Gut Dweller Streptococcus salivarius. Cell Reports, 2018, 22, 1627-1638.	2.9	40
3	Natural DNA Transformation Is Functional in Lactococcus lactis subsp. cremoris KW2. Applied and Environmental Microbiology, 2017, 83, .	1.4	18
4	Structural Insights into Streptococcal Competence Regulation by the Cell-to-Cell Communication System ComRS. PLoS Pathogens, 2016, 12, e1005980.	2.1	44
5	Modeling of the ComRS Signaling Pathway Reveals the Limiting Factors Controlling Competence in Streptococcus thermophilus. Frontiers in Microbiology, 2015, 6, 1413.	1.5	36
6	On stability analysis of genetic regulatory networks represented by delay-differential equations. IFAC-PapersOnLine, 2015, 48, 453-457.	0.5	0
7	Regulation of competence for natural transformation in streptococci. Infection, Genetics and Evolution, 2015, 33, 343-360.	1.0	116
8	Control of Natural Transformation in Salivarius Streptococci through Specific Degradation of Ïƒ ^X by the MecA-ClpCP Protease Complex. Journal of Bacteriology, 2014, 196, 2807-2816.	1.0	26
9	Mechanism of competence activation by the <scp>ComRS</scp> signalling system in streptococci. Molecular Microbiology, 2013, 87, 1113-1132.	1.2	86
10	SOS Response Activation and Competence Development Are Antagonistic Mechanisms in Streptococcus thermophilus. Journal of Bacteriology, 2013, 195, 696-707.	1.0	31
11	Extracellular Life Cycle of ComS, the Competence-Stimulating Peptide of Streptococcus thermophilus. Journal of Bacteriology, 2013, 195, 1845-1855.	1.0	64
12	Adaptor Protein MecA Is a Negative Regulator of the Expression of Late Competence Genes in Streptococcus thermophilus. Journal of Bacteriology, 2012, 194, 1777-1788.	1.0	37
13	The fast milk acidifying phenotype of Streptococcus thermophilus can be acquired by natural transformation of the genomic island encoding the cell-envelope proteinase PrtS. Microbial Cell Factories, 2011, 10, S21.	1.9	58
14	A Novel Pheromone Quorum-Sensing System Controls the Development of Natural Competence in Streptococcus thermophilus and Streptococcus salivarius. Journal of Bacteriology, 2010, 192, 1444-1454.	1.0	205
15	Functional and Morphological Adaptation to Peptidoglycan Precursor Alteration in Lactococcus lactis. Journal of Biological Chemistry, 2010, 285, 24003-24013.	1.6	11
16	Development of a Versatile Procedure Based on Natural Transformation for Marker-Free Targeted Genetic Modification in Streptococcus thermophilus. Applied and Environmental Microbiology, 2010, 76, 7870-7877.	1.4	48
17	The Inhibitory Spectrum of Thermophilin 9 from Streptococcus thermophilus LMD-9 Depends on the Production of Multiple Peptides and the Activity of BlpG _{St} , a Thiol-Disulfide Oxidase. Applied and Environmental Microbiology, 2008, 74, 1102-1110.	1.4	56
18	Selectivity for d -Lactate Incorporation into the Peptidoglycan Precursors of Lactobacillus plantarum : Role of Aad, a VanX-Like d -Alanyl- d -Alanine Dipeptidase. Journal of Bacteriology, 2007, 189, 4332-4337.	1.0	37

#	Article	IF	Citations
19	Quorum-Sensing Regulation of the Production of Blp Bacteriocins in Streptococcus thermophilus. Journal of Bacteriology, 2007, 189, 7195-7205.	1.0	78
20	New insights in the molecular biology and physiology ofStreptococcus thermophilusrevealed by comparative genomics. FEMS Microbiology Reviews, 2005, 29, 435-463.	3.9	99
21	New insights in the molecular biology and physiology of revealed by comparative genomics. FEMS Microbiology Reviews, 2005, 29, 435-463.	3.9	289