

Yoann Le Breton

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

635
citations

623734

14
h-index

752698

20
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24
all docs

24
docs citations

24
times ranked

696
citing authors

#	ARTICLE	IF	CITATIONS
1	Essential Genes in the Core Genome of the Human Pathogen <i>Streptococcus pyogenes</i> . <i>Scientific Reports</i> , 2015, 5, 9838.	3.3	114
2	Genome-Wide Identification of Genes Required for Fitness of Group A <i>Streptococcus</i> in Human Blood. <i>Infection and Immunity</i> , 2013, 81, 862-875.	2.2	98
3	Discovery of glycerol phosphate modification on streptococcal rhamnose polysaccharides. <i>Nature Chemical Biology</i> , 2019, 15, 463-471.	8.0	53
4	<i>GacA</i> is essential for <i>Group A Streptococcus</i> and defines a new class of monomeric dTDP-dehydrorhamnose reductases (<i>RmlD</i>). <i>Molecular Microbiology</i> , 2015, 98, 946-962.	2.5	46
5	Genetic Manipulation of <i>Streptococcus pyogenes</i> (The Group A <i>Streptococcus</i> , GAS). <i>Current Protocols in Microbiology</i> , 2013, 30, 9D.3.1-9D.3.29.	6.5	45
6	Genome-wide discovery of novel M1T1 group A streptococcal determinants important for fitness and virulence during soft-tissue infection. <i>PLoS Pathogens</i> , 2017, 13, e1006584.	4.7	42
7	Glucose Levels Alter the Mga Virulence Regulon in the Group A <i>Streptococcus</i> . <i>Scientific Reports</i> , 2018, 8, 4971.	3.3	33
8	Identification of Zinc-Dependent Mechanisms Used by Group B <i>Streptococcus</i> To Overcome Calprotectin-Mediated Stress. <i>MBio</i> , 2020, 11, .	4.1	30
9	Global Analysis and Comparison of the Transcriptomes and Proteomes of Group A <i>Streptococcus</i> Biofilms. <i>MSystems</i> , 2016, 1, .	3.8	26
10	The <i>fruRBA</i> Operon Is Necessary for Group A Streptococcal Growth in Fructose and for Resistance to Neutrophil Killing during Growth in Whole Human Blood. <i>Infection and Immunity</i> , 2016, 84, 1016-1031.	2.2	23
11	A <i>PTS EII</i> mutant library in Group A <i>Streptococcus</i> identifies a promiscuous manâ€family <i>PTS</i> transporter influencing <i>SLS</i> -mediated hemolysis. <i>Molecular Microbiology</i> , 2017, 103, 518-533.	2.5	20
12	The Arginine Deiminase Pathway Impacts Antibiotic Tolerance during Biofilm-Mediated <i>Streptococcus pyogenes</i> Infections. <i>MBio</i> , 2020, 11, .	4.1	18
13	Hemoglobin stimulates vigorous growth of <i>Streptococcus pneumoniae</i> and shapes the pathogen's global transcriptome. <i>Scientific Reports</i> , 2020, 10, 15202.	3.3	17
14	The crimson conundrum: heme toxicity and tolerance in GAS. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 159.	3.9	16
15	<i>Streptococcus</i> Lancefield polysaccharides are critical cell wall determinants for human Group IIA secreted phospholipase A2 to exert its bactericidal effects. <i>PLoS Pathogens</i> , 2018, 14, e1007348.	4.7	16
16	Route of Glucose Uptake in the Group a <i>Streptococcus</i> Impacts SLS-Mediated Hemolysis and Survival in Human Blood. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 71.	3.9	15
17	Hemoglobin Induces Early and Robust Biofilm Development in <i>Streptococcus pneumoniae</i> by a Pathway That Involves <i>comC</i> but Not the Cognate <i>comDE</i> Two-Component System. <i>Infection and Immunity</i> , 2021, 89, .	2.2	9
18	The Transcriptional Regulator <i>CpsY</i> Is Important for Innate Immune Evasion in <i>Streptococcus pyogenes</i> . <i>Infection and Immunity</i> , 2017, 85, .	2.2	6

#	ARTICLE	IF	CITATIONS
19	Phosphotransferase System Uptake and Metabolism of the β -Glucoside Salicin Impact Group A Streptococcal Bloodstream Survival and Soft Tissue Infection. <i>Infection and Immunity</i> , 2020, 88, .	2.2	4
20	The scfCDE Operon Encodes a Predicted ABC Importer Required for Fitness and Virulence during Group A Streptococcus Invasive Infection. <i>Infection and Immunity</i> , 2019, 87, .	2.2	3
21	Protocols for Tn-seq Analyses in the Group A Streptococcus. <i>Methods in Molecular Biology</i> , 2020, 2136, 33-57.	0.9	0