LoÃ¯c Coutte

List of Publications by Year
in descending order

23 papers	1,282 citations	567281 15 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	1407 citing authors

#	Article	IF	Citations
1	Protein secretion through autotransporter and two-partner pathways. Biochimica Et Biophysica Acta - Molecular Cell Research, 2004, 1694, 235-257.	4.1	149
2	The ins and outs of pertussis toxin. FEBS Journal, 2011, 278, 4668-4682.	4.7	146
3	Analysis of an Ordered, Comprehensive STM Mutant Library in Infectious Borrelia burgdorferi: Insights into the Genes Required for Mouse Infectivity. PLoS ONE, 2012, 7, e47532.	2.5	127
4	Subtilisin-like autotransporter serves as maturation protease in a bacterial secretion pathway. EMBO Journal, 2001, 20, 5040-5048.	7.8	122
5	Rapid PCR-based procedure to identify lactic acid bacteria: application to six common Lactobacillus species. Journal of Microbiological Methods, 2001, 44, 139-148.	1.6	104
6	Role of Adhesin Release for Mucosal Colonization by a Bacterial Pathogen. Journal of Experimental Medicine, 2003, 197, 735-742.	8.5	103
7	Detailed Analysis of Sequence Changes Occurring during vlsE Antigenic Variation in the Mouse Model of Borrelia burgdorferi Infection. PLoS Pathogens, 2009, 5, e1000293.	4.7	96
8	New Virulence-Activated and Virulence-Repressed Genes Identified by Systematic Gene Inactivation and Generation of Transcriptional Fusions in Bordetella pertussis. Journal of Bacteriology, 2000, 182, 5902-5905.	2.2	91
9	Surface anchoring of bacterial subtilisin important for maturation function. Molecular Microbiology, 2003, 49, 529-539.	2.5	60
10	IL-17-dependent SIgA-mediated protection against nasal Bordetella pertussis infection by live attenuated BPZE1 vaccine. Mucosal Immunology, 2018, 11, 1753-1762.	6.0	55
11	NMR structure of a complex between the VirB9/VirB7 interaction domains of the pKM101 type IV secretion system. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 1673-1678.	7.1	48
12	The multifaceted RisA regulon of Bordetella pertussis. Scientific Reports, 2016, 6, 32774.	3.3	42
13	Safety and immunogenicity of the live attenuated intranasal pertussis vaccine BPZE1: a phase 1b, double-blind, randomised, placebo-controlled dose-escalation study. Lancet Infectious Diseases, The, 2020, 20, 1290-1301.	9.1	34
14	Primary transcriptome analysis reveals importance of IS elements for the shaping of the transcriptional landscape ofBordetella pertussis. RNA Biology, 2018, 15, 967-975.	3.1	32
15	Investigating pertussis toxin and its impact on vaccination. Future Microbiology, 2015, 10, 241-254.	2.0	20
16	Construction and evaluation of Bordetella pertussis live attenuated vaccine strain BPZE1 producing Fim3. Vaccine, 2018, 36, 1345-1352.	3.8	10
17	Combined RNAseq and ChIPseq Analyses of the BvgA Virulence Regulator of Bordetella pertussis. MSystems, 2020, 5, .	3.8	10
18	In vivo imaging of bacterial colonization of the lower respiratory tract in a baboon model of Bordetella pertussis infection and transmission. Scientific Reports, 2018, 8, 12297.	3.3	9

#	Article	IF	Citations
19	Manufacture of a Stable Lyophilized Formulation of the Live Attenuated Pertussis Vaccine BPZE1. Vaccines, 2020, 8, 523.	4.4	6
20	Construction and evaluation of a pertactin-deficient live attenuated pertussis vaccine candidate BPZE1 derivative. Vaccine, 2021, 39, 2843-2849.	3.8	6
21	Distinct virulence ranges for infection of mice by Bordetella pertussis revealed by engineering of the sensor-kinase BvgS. PLoS ONE, 2018, 13, e0204861.	2.5	4
22	Characterization of a Bvg-regulated fatty acid methyl-transferase in Bordetella pertussis. PLoS ONE, 2017, 12, e0176396.	2.5	4
23	Intranasal inoculation with Bordetella pertussis confers protection without inducing classical whooping cough in baboons. Current Research in Microbial Sciences, 2021, 2, 100072.	2.3	4