

Christoph Georg Baums

List of Publications by Year in descending order

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14
papers

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#	ARTICLE	IF	CITATIONS
1	Comparative analysis of humoral immune responses and pathologies of BALB/c and C57BL/6 wildtype mice experimentally infected with a highly virulent Rodentibacter pneumotropicus (Pasteurella) TJ ETQq1 1 0.7843 34rgBT /Overlock 10	3.0	38
2	The immunoglobulin M-degrading enzyme of Streptococcus suis, Ide Ssuis , is involved in complement evasion. Veterinary Research, 2015, 46, 45.	3.0	26
3	Streptococcus suis cps7: an emerging virulent sequence type (ST29) shows a distinct, IgM-determined pattern of bacterial survival in blood of piglets during the early adaptive immune response after weaning. Veterinary Research, 2018, 49, 48.	4.4	21
4	IgM cleavage by Streptococcus suis reduces IgM bound to the bacterial surface and is a novel complement evasion mechanism. Virulence, 2018, 9, 1314-1337.	2.8	15
5	Analysis of Porcine Pro- and Anti-Inflammatory Cytokine Induction by S. suis In Vivo and In Vitro. Pathogens, 2020, 9, 40.	4.4	11
6	Low-Energy Electron Irradiation Efficiently Inactivates the Gram-Negative Pathogen Rodentibacter pneumotropicus – A New Method for the Generation of Bacterial Vaccines with Increased Efficacy. Vaccines, 2020, 8, 113.	2.1	10
7	Vaccination with the immunoglobulin M-degrading enzyme of Streptococcus suis, Ide, leads to protection against a highly virulent serotype 9 strain. Vaccine: X, 2019, 3, 100046.	2.2	10
8	Prominent Binding of Human and Equine Fibrinogen to Streptococcus equi subsp. zooepidemicus Is Mediated by Specific SzM Types and Is a Distinct Phenotype of Zoonotic Isolates. Infection and Immunity, 2019, 88, .	3.0	10
9	Immunogenicity and protective efficacy of a Streptococcus suis vaccine composed of six conserved immunogens. Veterinary Research, 2021, 52, 112.	2.8	8
10	Clearance of Streptococcus suis in Stomach Contents of Differently Fed Growing Pigs. Pathogens, 2016, 5, 56.	2.2	8
11	Survival of Streptococcus suis in Porcine Blood Is Limited by the Antibody- and Complement-Dependent Oxidative Burst Response of Granulocytes. Infection and Immunity, 2020, 88, .	0.6	5
12	Complete Genome Sequences of Streptococcus suis Pig-Pathogenic Strains 10, 13-00283-02, and 16085/3b. Microbiology Resource Announcements, 2021, 10, .	2.8	4
13	Effect of Early-Life Treatment of Piglets with Long-Acting Ceftiofur on Colonization of Streptococcus suis Serotype 7 and Elicitation of Specific Humoral Immunity in a Farm Dealing with Streptococcal Diseases. Pathogens, 2018, 7, 34.	1.9	0
14	Porcine iucA+ but rmpA- Klebsiella pneumoniae strains proliferate in blood of young piglets but are killed by IgM and complement dependent opsonophagocytosis when these piglets get older. Veterinary Microbiology, 2022, 266, 109361.		