

Sabine Totemeyer

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38
papers

1,535
citations

17
h-index

39
g-index

43
ext. papers

1,695
ext. citations

3.8
avg, IF

3.73
L-index

| # | Paper | IF | Citations |
|----|--|-----|-----------|
| 38 | The impact of glutaraldehyde based footbaths on <i>Dichelobacter nodosus</i> prevalence and the antimicrobial resistant community of the ovine interdigital skin. <i>Veterinary Microbiology</i> , 2022 , 109459 | 3.3 | |
| 37 | A Trifecta of New Insights into Ovine Footrot for Infection Drivers, Immune Response, and Host-Pathogen Interactions. <i>Infection and Immunity</i> , 2021 , 89, e0027021 | 3.7 | 1 |
| 36 | Prediction of pharmacokinetic clearance and potential Drug-Drug interactions for omeprazole in the horse using systems. <i>Xenobiotica</i> , 2020 , 50, 1220-1227 | 2 | 0 |
| 35 | Characterisation of isolates from cattle using a bovine caruncular epithelial cell model. <i>Heliyon</i> , 2020 , 6, e04476 | 3.6 | 1 |
| 34 | DirtyGenes: testing for significant changes in gene or bacterial population compositions from a small number of samples. <i>Scientific Reports</i> , 2019 , 9, 2373 | 4.9 | 5 |
| 33 | The Applied Development of a Tiered Multilocus Sequence Typing (MLST) Scheme for. <i>Frontiers in Microbiology</i> , 2018 , 9, 551 | 5.7 | 8 |
| 32 | Novel inflammatory cell infiltration scoring system to investigate healthy and footrot affected ovine interdigital skin. <i>PeerJ</i> , 2018 , 6, e5097 | 3.1 | 10 |
| 31 | The effects of aging on hepatic microsomal scaling factor and hepatocellularity number in the horse. <i>Xenobiotica</i> , 2018 , 48, 1237-1244 | 2 | 2 |
| 30 | A distinct bacterial dysbiosis associated skin inflammation in ovine footrot. <i>Scientific Reports</i> , 2017 , 7, 45220 | 4.9 | 17 |
| 29 | A Novel 3D Skin Explant Model to Study Anaerobic Bacterial Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 404 | 5.9 | 19 |
| 28 | How Does Student Educational Background Affect Transition into the First Year of Veterinary School? Academic Performance and Support Needs in University Education. <i>Journal of Veterinary Medical Education</i> , 2016 , 43, 372-381 | 1.3 | 1 |
| 27 | RNA expression of TLR10 in normal equine tissues. <i>BMC Research Notes</i> , 2016 , 9, 353 | 2.3 | 5 |
| 26 | Ovine footrot: new insights into bacterial colonisation. <i>Veterinary Record</i> , 2016 , 179, 228 | 0.9 | 22 |
| 25 | Equine hepatocytes: isolation, cryopreservation, and applications to in vitro drug metabolism studies. <i>Pharmacology Research and Perspectives</i> , 2016 , 4, e00268 | 3.1 | 7 |
| 24 | A new bovine conjunctiva model shows that <i>Listeria monocytogenes</i> invasion is associated with lysozyme resistance. <i>Veterinary Microbiology</i> , 2015 , 179, 76-81 | 3.3 | 9 |
| 23 | Differential expression of Toll-like receptors and inflammatory cytokines in ovine interdigital dermatitis and footrot. <i>Veterinary Immunology and Immunopathology</i> , 2014 , 161, 90-8 | 2 | 7 |
| 22 | Interferon treatment suppresses enteric adenovirus infection in a model gastrointestinal cell-culture system. <i>Journal of General Virology</i> , 2012 , 93, 618-623 | 4.9 | 7 |

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|----|--|-----|-----|
| 21 | What is it like to be an international student at veterinary school? Perception and performance in first year-a case study at a UK veterinary school. <i>Journal of Veterinary Medical Education</i> , 2012 , 39, 180-8 | 1.3 | 4 |
| 20 | Confidence as a barrier to the use of problem-based learning in veterinary undergraduate students. <i>Journal of Veterinary Medical Education</i> , 2011 , 38, 305-10 | 1.3 | 7 |
| 19 | Influence of probiotics on gut health in the weaned pig. <i>Livestock Science</i> , 2010 , 133, 179-181 | 1.7 | 36 |
| 18 | Multiple redundant stress resistance mechanisms are induced in <i>Salmonella enterica</i> serovar Typhimurium in response to alteration of the intracellular environment via TLR4 signalling. <i>Microbiology (United Kingdom)</i> , 2009 , 155, 2919-2929 | 2.9 | 14 |
| 17 | Toll-like receptor 4 signalling through MyD88 is essential to control <i>Salmonella enterica</i> serovar typhimurium infection, but not for the initiation of bacterial clearance. <i>Immunology</i> , 2009 , 128, 472-83 | 7.8 | 45 |
| 16 | Dexamethasone modulates <i>Salmonella enterica</i> serovar Typhimurium infection in vivo independently of the glucocorticoid-inducible protein annexin-A1. <i>FEMS Immunology and Medical Microbiology</i> , 2008 , 54, 339-48 | | 6 |
| 15 | <i>Salmonella</i> -induced SipB-independent cell death requires Toll-like receptor-4 signalling via the adapter proteins Tram and Trif. <i>Immunology</i> , 2007 , 122, 222-9 | 7.8 | 18 |
| 14 | IFN-gamma enhances production of nitric oxide from macrophages via a mechanism that depends on nucleotide oligomerization domain-2. <i>Journal of Immunology</i> , 2006 , 176, 4804-10 | 5.3 | 59 |
| 13 | Differential modulatory effects of annexin 1 on nitric oxide synthase induction by lipopolysaccharide in macrophages. <i>Immunology</i> , 2006 , 117, 340-9 | 7.8 | 11 |
| 12 | Sublethal infection of C57BL/6 mice with <i>Salmonella enterica</i> Serovar Typhimurium leads to an increase in levels of Toll-like receptor 1 (TLR1), TLR2, and TLR9 mRNA as well as a decrease in levels of TLR6 mRNA in infected organs. <i>Infection and Immunity</i> , 2005 , 73, 1873-8 | 3.7 | 20 |
| 11 | Induction of proinflammatory responses in the human monocytic cell line THP-1 by <i>Campylobacter jejuni</i> . <i>Infection and Immunity</i> , 2003 , 71, 2626-33 | 3.7 | 68 |
| 10 | Stimulation of Toll-like receptor 4 by lipopolysaccharide during cellular invasion by live <i>Salmonella typhimurium</i> is a critical but not exclusive event leading to macrophage responses. <i>Journal of Immunology</i> , 2003 , 170, 5445-54 | 5.3 | 74 |
| 9 | Toll-like receptor expression in C3H/HeN and C3H/HeJ mice during <i>Salmonella enterica</i> serovar Typhimurium infection. <i>Infection and Immunity</i> , 2003 , 71, 6653-7 | 3.7 | 49 |
| 8 | Effect of low- and high-virulence <i>Yersinia enterocolitica</i> strains on the inflammatory response of human umbilical vein endothelial cells. <i>Infection and Immunity</i> , 2002 , 70, 3510-20 | 3.7 | 44 |
| 7 | 14 Transport and intracellular movement of protein translocation via dedicated secretion systems. <i>Methods in Microbiology</i> , 2002 , 31, 263-312 | 2.8 | |
| 6 | YscP, a <i>Yersinia</i> protein required for Yop secretion that is surface exposed, and released in low Ca ²⁺ . <i>Molecular Microbiology</i> , 2000 , 37, 1005-18 | 4.1 | 43 |
| 5 | <i>Yersinia enterocolitica</i> can deliver Yop proteins into a wide range of cell types: development of a delivery system for heterologous proteins. <i>European Journal of Cell Biology</i> , 2000 , 79, 659-71 | 6.1 | 46 |
| 4 | Protection of <i>Escherichia coli</i> cells against extreme turgor by activation of MscS and MscL mechanosensitive channels: identification of genes required for MscS activity. <i>EMBO Journal</i> , 1999 , 18, 1730-7 | 13 | 547 |

- 3 Methylglyoxal production in bacteria: suicide or survival?. *Archives of Microbiology*, **1998**, 170, 209-18 3 211
- 2 From famine to feast: the role of methylglyoxal production in *Escherichia coli*. *Molecular Microbiology*, **1998**, 27, 553-62 4.1 106
- 1 Generation of a transient non-culturable state in *Pseudomonas putida* during detoxification of N-ethylmaleimide. *Microbiology (United Kingdom)*, **1996**, 142, 2857-2862 2.9 5