

Karsten Tedin

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,515
citations

393982

19
h-index

315357

38
g-index

39
all docs

39
docs citations

39
times ranked

2139
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of a porcine intestinal epithelial cell line for in vitro studies of microbial pathogenesis in swine. <i>Histochemistry and Cell Biology</i> , 2006, 125, 293-305.	0.8	313
2	A small non-coding RNA of the invasion gene island (SPI-4) represses outer membrane protein synthesis from the <i>Salmonella</i> core genome. <i>Molecular Microbiology</i> , 2007, 66, 1174-1191.	1.2	171
3	The bacterial signal molecule, ppGpp, regulates <i>Salmonella</i> virulence gene expression. <i>Molecular Microbiology</i> , 2004, 52, 1827-1844.	1.2	123
4	Multidrug-resistant opportunistic pathogens challenging veterinary infection control. <i>Veterinary Microbiology</i> , 2017, 200, 71-78.	0.8	105
5	Influence of a Probiotic Strain of <i>Enterococcus faecium</i> on <i>Salmonella enterica</i> Serovar Typhimurium DT104 Infection in a Porcine Animal Infection Model. <i>Applied and Environmental Microbiology</i> , 2009, 75, 2621-2628.	1.4	97
6	The Bacterial Signal Molecule, ppGpp, Mediates the Environmental Regulation of Both the Invasion and Intracellular Virulence Gene Programs of <i>Salmonella</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 30112-30121.	1.6	66
7	Redox-Sensing Under Hypochlorite Stress and Infection Conditions by the Rrf2-Family Repressor HypR in <i>Staphylococcus aureus</i> . <i>Antioxidants and Redox Signaling</i> , 2018, 29, 615-636.	2.5	51
8	Extended-spectrum beta-lactamase (ESBL)-producing <i>Escherichia coli</i> and <i>Acinetobacter baumannii</i> among horses entering a veterinary teaching hospital: The contemporary "Trojan Horse". <i>PLoS ONE</i> , 2018, 13, e0191873.	1.1	43
9	Probiotic <i>Escherichia coli</i> Nissle 1917 reduces growth, Shiga toxin expression, release and thus cytotoxicity of enterohemorrhagic <i>Escherichia coli</i> . <i>International Journal of Medical Microbiology</i> , 2015, 305, 20-26.	1.5	38
10	<i>Enterococcus faecium</i> NCIMB 10415 supplementation affects intestinal immune-associated gene expression in post-weaning piglets. <i>Veterinary Immunology and Immunopathology</i> , 2014, 157, 65-77.	0.5	35
11	ESBL-plasmid carriage in <i>E. coli</i> enhances in vitro bacterial competition fitness and serum resistance in some strains of pandemic sequence types without overall fitness cost. <i>Gut Pathogens</i> , 2018, 10, 24.	1.6	33
12	<i>Enterococcus faecium</i> NCIMB 10415 Modulates Epithelial Integrity, Heat Shock Protein, and Proinflammatory Cytokine Response in Intestinal Cells. <i>Mediators of Inflammation</i> , 2015, 2015, 1-11.	1.4	32
13	Equine Methicillin-Resistant Sequence Type 398 <i>Staphylococcus aureus</i> (MRSA) Harbor Mobile Genetic Elements Promoting Host Adaptation. <i>Frontiers in Microbiology</i> , 2018, 9, 2516.	1.5	31
14	The MarR-Type Repressor MhqR Confers Quinone and Antimicrobial Resistance in <i>Staphylococcus aureus</i> . <i>Antioxidants and Redox Signaling</i> , 2019, 31, 1235-1252.	2.5	31
15	<i>Staphylococcus aureus</i> Uses the Bacilliredoxin (BrxAB)/Bacillithiol Disulfide Reductase (YpdA) Redox Pathway to Defend Against Oxidative Stress Under Infections. <i>Frontiers in Microbiology</i> , 2019, 10, 1355.	1.5	31
16	Probiotic Treatment Decreases the Number of CD14-Expressing Cells in Porcine Milk Which Correlates with Several Intestinal Immune Parameters in the Piglets. <i>Frontiers in Immunology</i> , 2015, 6, 108.	2.2	25
17	Effects of <i>Bacillus cereus</i> var. <i>toyoi</i> on immune parameters of pregnant sows. <i>Veterinary Immunology and Immunopathology</i> , 2009, 127, 26-37.	0.5	24
18	<i>Salmonella</i> Co-opts Host Cell Chaperone-mediated Autophagy for Intracellular Growth. <i>Journal of Biological Chemistry</i> , 2017, 292, 1847-1864.	1.6	24

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19	The role of type I interferons (IFNs) in the regulation of chicken macrophage inflammatory response to bacterial challenge. <i>Developmental and Comparative Immunology</i> , 2018, 86, 156-170.	1.0	23
20	The metabolic pathways utilized by <i>Salmonella</i> Typhimurium during infection of host cells. <i>Environmental Microbiology Reports</i> , 2018, 10, 140-154.	1.0	20
21	Utilizing a series of fac-Re(CO) ₃ core based quinonoid containing complexes for photophysical and cell imaging studies. <i>Polyhedron</i> , 2015, 100, 243-250.	1.0	19
22	Contribution of the Cpx envelope stress system to metabolism and virulence regulation in <i>Salmonella enterica</i> serovar Typhimurium. <i>PLoS ONE</i> , 2019, 14, e0211584.	1.1	19
23	The role of ATP pools in persister cell formation in (fluoro)quinolone-susceptible and -resistant strains of <i>Salmonella enterica</i> ser. Typhimurium. <i>Veterinary Microbiology</i> , 2017, 210, 116-123.	0.8	17
24	A Comparison of the ATP Generating Pathways Used by <i>S. Typhimurium</i> to Fuel Replication within Human and Murine Macrophage and Epithelial Cell Lines. <i>PLoS ONE</i> , 2016, 11, e0150687.	1.1	17
25	The Inflammatory Response to Enterotoxigenic <i>E. coli</i> and Probiotic <i>E. faecium</i> in a Coculture Model of Porcine Intestinal Epithelial and Dendritic Cells. <i>Mediators of Inflammation</i> , 2018, 2018, 1-16.	1.4	16
26	Functional expression of TLR5 of different vertebrate species and diversification in intestinal pathogen recognition. <i>Scientific Reports</i> , 2018, 8, 11287.	1.6	16
27	Studies on the effect of an <i>Enterococcus faecium</i> probiotic on T cell populations in peripheral blood and intestinal epithelium and on the susceptibility to <i>Salmonella</i> during a challenge infection with <i>Salmonella</i> Typhimurium in piglets. <i>Archives of Animal Nutrition</i> , 2011, 65, 415-430.	0.9	15
28	Altered Cytokine Expression and Barrier Properties after In Vitro Infection of Porcine Epithelial Cells with Enterotoxigenic <i>Escherichia coli</i> and Probiotic <i>Enterococcus faecium</i> . <i>Mediators of Inflammation</i> , 2017, 2017, 1-13.	1.4	13
29	Novel Avian Pathogenic <i>Escherichia coli</i> Genes Responsible for Adhesion to Chicken and Human Cell Lines. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	13
30	Characterization of Inflammasome Components in Pig Intestine and Analysis of the Influence of Probiotic <i>Enterococcus Faecium</i> during an <i>Escherichia Coli</i> Challenge. <i>Immunological Investigations</i> , 2017, 46, 742-757.	1.0	12
31	Effects of a pathogenic ETEC strain and a probiotic <i>Enterococcus faecium</i> strain on the inflammasome response in porcine dendritic cells. <i>Veterinary Immunology and Immunopathology</i> , 2018, 203, 78-87.	0.5	11
32	Rapid Isolation of intact <i>Salmonella</i> -containing vacuoles using paramagnetic nanoparticles. <i>Gut Pathogens</i> , 2018, 10, 33.	1.6	9
33	SPI2 T3SS effectors facilitate enterocyte apical to basolateral transmigration of <i>Salmonella</i> -containing vacuoles <i>in vivo</i> . <i>Gut Microbes</i> , 2021, 13, 1973836.	4.3	6
34	Inflammatory Responses of Porcine MoDC and Intestinal Epithelial Cells in a Direct-Contact Co-culture System Following a Bacterial Challenge. <i>Inflammation</i> , 2020, 43, 552-567.	1.7	4
35	Identification of Natural Mutations Responsible for Altered Infection Phenotypes of <i>Salmonella enterica</i> Clinical Isolates by Using Cell Line Infection Screens. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	1.4	4
36	<i>Salmonella</i> Central Carbon Metabolism Enhances Bactericidal Killing by Fluoroquinolone Antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, .	1.4	4

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37	Draft Genome Sequence of Salmonella enterica subsp. enterica Serovar Typhimurium Q1. Genome Announcements, 2017, 5, .	0.8	2
38	Lectin-Mediated Bacterial Modulation by the Intestinal Nematode Ascaris suum. International Journal of Molecular Sciences, 2021, 22, 8739.	1.8	2