# Stefanie A Barth

List of Publications by Year
in descending order



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|---|---|---|---|
| 42 papers | 492 citations | 687363 13 h-index | 713466 21 g-index |
| 44 all docs | 44 docs citations | 44 times ranked | 608 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Preventive Effects of the Probiotic Escherichia coli Strain Nissle 1917 on Acute Secretory Diarrhea in a Pig Model of Intestinal Infection. Digestive Diseases and Sciences, 2006, 51, 724-731. | 2.3 | 80 |
| 2 | Analysis of Multiple Brachyspira hyodysenteriae Genomes Confirms That the Species Is Relatively Conserved but Has Potentially Important Strain Variation. PLoS ONE, 2015, 10, e0131050. | 2.5 | 36 |
| 3 | Escherichia coliNissle 1917 for probiotic use in piglets: evidence for intestinal colonization. Journal of Applied Microbiology, 2009, 107, 1697-1710. | 3.1 | 33 |
| 4 | The Accessory Genome of Shiga Toxin-Producing Escherichia coli Defines a Persistent Colonization Type in Cattle. Applied and Environmental Microbiology, 2016, 82, 5455-5464. | 3.1 | 29 |
| 5 | Efficacy of a recombinant Intimin, EspB and Shiga toxin 2B vaccine in calves experimentally challenged with Escherichia coli O157:H7. Vaccine, 2018, 36, 3949-3959. | 3.8 | 21 |
| 6 | Polymerase chain reactionâ€“based method for the typing of F18 fimbriae and distribution of F18 fimbrial subtypes among porcine Shiga toxinâ€“encoding Escherichia coli in Germany. Journal of Veterinary Diagnostic Investigation, 2011, 23, 454-464. | 1.1 | 20 |
| 7 | Demonstration of genes encoding virulence and virulence life-style factors in Brachyspira spp. isolates from pigs. Veterinary Microbiology, 2012, 155, 438-443. | 1.9 | 19 |
| 8 | Experimental Infection of Calves with Escherichia coli O104:H4 outbreak strain. Scientific Reports, 2016, 6, 32812. | 3.3 | 18 |
| 9 | Effect of lactoferrin on release and bioactivity of Shiga toxins from different Escherichia coli O157:H7 strains. Veterinary Microbiology, 2017, 202, 29-37. | 1.9 | 16 |
| 10 | Decreased STEC shedding by cattle following passive and active vaccination based on recombinant Escherichia coli Shiga toxoids. Veterinary Research, 2018, 49, 28. | 3.0 | 16 |
| 11 | Detection of virulenceâ€associated genes characteristic of intestinal Escherichia coli pathotypes, including the enterohemorrhagic/enteroaggregative O104:H4, in bovines from Germany and Spain. Microbiology and Immunology, 2015, 59, 433-442. | 1.4 | 15 |
| 12 | Microarray-based detection of resistance and virulence factors in commensal Escherichia coli from livestock and farmers in Egypt. Veterinary Microbiology, 2020, 240, 108539. | 1.9 | 14 |
| 13 | Evidence for Contemporary Switching of the O-Antigen Gene Cluster between Shiga Toxin-Producing Escherichia coli Strains Colonizing Cattle. Frontiers in Microbiology, 2017, 8, 424. | 3.5 | 13 |
| 14 | Virulence and fitness gene patterns of Shiga toxin-encoding Escherichia coli isolated from pigs with edema disease or diarrhea in Germany. Berliner Und Munchener Tierarztliche Wochenschrift, 2007, 120, 307-16. | 0.7 | 13 |
| 15 | Bovine macrophages sense Escherichia coli Shiga toxin 1. Innate Immunity, 2015, 21, 655-664. | 2.4 | 12 |
| 16 | Evaluation of biological safety in vitro and immunogenicity in vivo of recombinant Escherichia coli Shiga toxoids as candidate vaccines in cattle. Veterinary Research, 2015, 46, 38. | 3.0 | 12 |
| 17 | FaecalEscherichia colias biological indicator of spatial interaction between domestic pigs and wild boar (Sus scrofa) in Corsica. Transboundary and Emerging Diseases, 2018, 65, 746-757. | 3.0 | 12 |
| 18 | Pro-inflammatory capacity of Escherichia coli O104:H4 outbreak strain during colonization of intestinal epithelial cells from human and cattle. International Journal of Medical Microbiology, 2018, 308, 899-911. | 3.6 | 11 |

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|---|---|---|---|
| 19 | Mycobacterium avium subsp. hominissuis Infection in a Domestic Rabbit, Germany. Emerging Infectious Diseases, 2018, 24, 596-598. | 4.3 | 11 |
| 20 | Phylogenetic diversity, antimicrobial susceptibility and virulence gene profiles of Brachyspira hyodysenteriae isolates from pigs in Germany. PLoS ONE, 2018, 13, e0190928. | 2.5 | 11 |
| 21 | Experimental Evaluation of FaecalEscherichia coliand Hepatitis E Virus as Biological Indicators of Contacts Between Domestic Pigs and Eurasian Wild Boar. Transboundary and Emerging Diseases, 2017, 64, 487-494. | 3.0 | 10 |
| 22 | Hemolytic Porcine Intestinal Escherichia coli without Virulence-Associated Genes Typical of Intestinal Pathogenic E. coli. Applied and Environmental Microbiology, 2011, 77, 8451-8455. | 3.1 | 7 |
| 23 | Adherence of Brachyspira hyodysenteriae to Porcine Intestinal Epithelial Cells is Inhibited by Antibodies Against Outer Membrane Proteins. Current Microbiology, 2013, 66, 286-292. | 2.2 | 7 |
| 24 | Evaluation of the discriminatory power of spoligotyping and 19-locus mycobacterial interspersed repetitive unit-variable number of tandem repeat analysis (MIRU-VNTR) of Mycobacterium bovis strains isolated from cattle in Algeria. PLoS ONE, 2022, 17, e0262390. | 2.5 | 7 |
| 25 | Metabolic Traits of Bovine Shiga Toxin-Producing Escherichia coli (STEC) Strains with Different Colonization Properties. Toxins, 2020, 12, 414. | 3.4 | 6 |
| 26 | Clinical outcome and diagnostic methods of atypical mycobacteriosis due toMycobacterium aviumssp.hominissuisin a group of captive lowland tapirs (Tapirus terrestris). Transboundary and Emerging Diseases, 2021, 68, 1305-1313. | 3.0 | 6 |
| 27 | Video Endoscopy-Guided Intrabronchial Spray Inoculation of Mycobacterium bovis in Goats and Comparative Assessment of Lung Lesions With Various Imaging Methods. Frontiers in Veterinary Science, 2022, 9, 877322. | 2.2 | 5 |
| 28 | Shiga Toxin-Producing E. coli in Animals: Detection, Characterization, and Virulence Assessment. Methods in Molecular Biology, 2021, 2291, 19-86. | 0.9 | 4 |
| 29 | Flow Cytometric Detection of Mycobacterium avium subsp. paratuberculosis-Specific Antibodies in Experimentally Infected and Naturally Exposed Calves. Vaccine Journal, 2013, 20, 1457-1465. | 3.1 | 3 |
| 30 | Evaluation of applicability of DNA microarrayâ€“based characterization of bovine Shiga toxinâ€“producing Escherichia coli isolates using whole genome sequence analysis. Journal of Veterinary Diagnostic Investigation, 2017, 29, 721-724. | 1.1 | 3 |
| 31 | Draft Genome Sequences of Two Clinical Isolates of Burkholderia mallei Obtained from Nasal Swabs of Glanderous Equines in India. Genome Announcements, 2017, 5, . | 0.8 | 3 |
| 32 | Unusual Manifestation of a Mycobacterium bovis SB0950 Infection in a Domestic Cat. Journal of Comparative Pathology, 2019, 172, 1-4. | 0.4 | 3 |
| 33 | Intestinal Mycobacterium avium Infection in Pet Dwarf Rabbits (Oryctolagus cuniculus). Journal of Comparative Pathology, 2020, 180, 73-78. | 0.4 | 3 |
| 34 | An update of Brachyspira hyodysenteriae serotyping. Research in Veterinary Science, 2017, 111, 135-139. | 1.9 | 2 |
| 35 | Effect of vitamin E supplementation in milk replacer and Shiga toxoid vaccination on serum Î±â€tocopherol, performance, haematology and blood chemistry in male Holstein calves. Journal of Animal Physiology and Animal Nutrition, 2018, 102, 1167-1180. | 2.2 | 2 |
| 36 | Tuberculosis in a pet ferret (Mustela putorius furo). Tierarztliche Praxis Ausgabe K: Kleintiere - Heimtiere, 2020, 48, 50-55. | 0.5 | 2 |

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|---|---|---|---|
| 37 | TREATMENT OF MYCOBACTERIOSIS CAUSED BY MYCOBACTERIUM AVIUM SSP. HOMINISSUIS IN A GROUP OF CAPTIVE LOWLAND TAPIRS (TAPIRUS TERRESTRIS). Journal of Zoo and Wildlife Medicine, 2021, 52, 939-948. | 0.6 | 2 |
| 38 | Interaction of Salmonella Gallinarum and Salmonella Enteritidis with peripheral leucocytes of hens with different laying performance. Veterinary Research, 2021, 52, 123. | 3.0 | 2 |
| 39 | Complete Annotated Genome Sequences of Two Shiga Toxin-Producing Escherichia coli Strains and One Atypical Enteropathogenic E. coli Strain, Isolated from Naturally Colonized Cattle of German Origin. Genome Announcements, 2017, 5, . | 0.8 | 1 |
| 40 | Differential detection of tuberculous and non-tuberculous mycobacteria by qPCR in lavage fluids of tuberculosis-suspicious white rhinoceros. PLoS ONE, 2018, 13, e0207365. | 2.5 | 0 |
| 41 | Sequence polymorphism of the Salmonella plasmid virulence factor D (SpvD) in Salmonella enterica isolates of animal origin. , 0, , . | | 0 |
| 42 | The Use of Restriction Fragment Length Polymorphism and Fluorescence in Situ Hybridization to Investigate Microbiota of Piglets after Feeding Oregano. Food and Nutrition Sciences (Print), 2014, 05, 1628-1636. | 0.4 | 0 |