# Haihong Hao

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 81 papers | 2,776 citations | 172207 29 h-index | 189595 50 g-index |
| 87 all docs | 87 docs citations | 87 times ranked | 3882 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Coexistence of virulence and Î²-lactamase genes in avian pathogenic Escherichia coli. Microbial Pathogenesis, 2022, 163, 105389. | 1.3 | 2 |
| 2 | Clinical Breakpoint of Apramycin to Swine Salmonella and Its Effect on Ileum Flora. International Journal of Molecular Sciences, 2022, 23, 1424. | 1.8 | 1 |
| 3 | Optimal Regimens and Clinical Breakpoint of Avilamycin Against Clostridium perfringens in Swine Based on PK-PD Study. Frontiers in Pharmacology, 2022, 13, 769539. | 1.6 | 0 |
| 4 | PK-PD Modeling and Optimal Dosing Regimen of Acetylkitasamycin against Streptococcus suis in Piglets. Antibiotics, 2022, 11, 283. | 1.5 | 0 |
| 5 | Rational Use of Danofloxacin for Treatment of Mycoplasma gallisepticum in Chickens Based on the Clinical Breakpoint and Lung Microbiota Shift. Antibiotics, 2022, 11, 403. | 1.5 | 7 |
| 6 | Bacterial Multidrug Efflux Pumps at the Frontline of Antimicrobial Resistance: An Overview. Antibiotics, 2022, 11, 520. | 1.5 | 47 |
| 7 | Phage Products for Fighting Antimicrobial Resistance. Microorganisms, 2022, 10, 1324. | 1.6 | 17 |
| 8 | Evidence for Establishing the Clinical Breakpoint of Cefquinome against Haemophilus Parasuis in China. Pathogens, 2021, 10, 105. | 1.2 | 3 |
| 9 | The Spectrum of Antimicrobial Activity of Cyadox against Pathogens Collected from Pigs, Chicken, and Fish in China. Antibiotics, 2021, 10, 153. | 1.5 | 2 |
| 10 | Exploration of Clinical Breakpoint of Danofloxacin for Glaesserella parasuis in Plasma and in PELF. Antibiotics, 2021, 10, 808. | 1.5 | 5 |
| 11 | Determination of Susceptibility Breakpoint for Cefquinome against Streptococcus suis in Pigs. Antibiotics, 2021, 10, 958. | 1.5 | 2 |
| 12 | Prudent Use of Tylosin for Treatment of Mycoplasma gallisepticum Based on Its Clinical Breakpoint and Lung Microbiota Shift. Frontiers in Microbiology, 2021, 12, 712473. | 1.5 | 4 |
| 13 | RNA-seq-based transcriptome analysis of a cefquinome-treated, highly resistant, and virulent MRSA strain. Microbial Pathogenesis, 2021, 160, 105201. | 1.3 | 0 |
| 14 | The Evolution of Fluoroquinolone Resistance in Salmonella under Exposure to Sub-Inhibitory Concentration of Enrofloxacin. International Journal of Molecular Sciences, 2021, 22, 12218. | 1.8 | 15 |
| 15 | Optimal regimens based on PK/PD cutoff evaluation of ceftiofur against Actinobacillus pleuropneumoniae in swine. BMC Veterinary Research, 2020, 16, 366. | 0.7 | 7 |
| 16 | Intracellular delivery, accumulation, and discrepancy in antibacterial activity of four enrofloxacin-loaded fatty acid solid lipid nanoparticles. Colloids and Surfaces B: Biointerfaces, 2020, 194, 111196. | 2.5 | 18 |
| 17 | MiR-155-5p plays as a â€œjanusâ€•in the expression of inflammatory cytokines induced by T-2 toxin. Food and Chemical Toxicology, 2020, 140, 111258. | 1.8 | 11 |
| 18 | CRISPR-cas system: biological function in microbes and its use to treat antimicrobial resistant pathogens. Annals of Clinical Microbiology and Antimicrobials, 2019, 18, 21. | 1.7 | 63 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Effects of Acute and Chronic Exposure to Residual Level Erythromycin on Human Intestinal Epithelium Cell Permeability and Cytotoxicity. Microorganisms, 2019, 7, 325. | 1.6 | 3 |
| 20 | Selection and dissemination of antimicrobial resistance in Agri-food production. Antimicrobial Resistance and Infection Control, 2019, 8, 158. | 1.5 | 97 |
| 21 | Resistance and Virulence Mechanisms of <i>Escherichia coli</i> Selected by Enrofloxacin in Chicken. Antimicrobial Agents and Chemotherapy, 2019, 63, . | 1.4 | 8 |
| 22 | Applications of new functions for inducing host defense peptides and synergy sterilization of medium chain fatty acids in substituting in-feed antibiotics. Journal of Functional Foods, 2019, 52, 348-359. | 1.6 | 14 |
| 23 | Signaling pathways involved in the expression of SZNF and the target genes binding with SZNF related to cyadox. Biomedicine and Pharmacotherapy, 2018, 108, 1879-1893. | 2.5 | 7 |
| 24 | The CRISPR-cas system promotes antimicrobial resistance in <i>Campylobacter jejuni</i>. Future Microbiology, 2018, 13, 1757-1774. | 1.0 | 28 |
| 25 | The Involvement of the Cas9 Gene in Virulence of Campylobacter jejuni. Frontiers in Cellular and Infection Microbiology, 2018, 8, 285. | 1.8 | 39 |
| 26 | Nitric oxide (NO)-mediated mitochondrial damage plays a critical role in T-2 toxin-induced apoptosis and growth hormone deficiency in rat anterior pituitary GH3 cells. Food and Chemical Toxicology, 2017, 102, 11-23. | 1.8 | 45 |
| 27 | The antibacterial activities of aditoprim and its efficacy in the treatment of swine streptococcosis. Scientific Reports, 2017, 7, 41370. | 1.6 | 8 |
| 28 | Pharmacokinetic and pharmacodynamic integration and modeling of acetylkitasamycin in swine for <i>Clostridium perfringens</i>. Journal of Veterinary Pharmacology and Therapeutics, 2017, 40, 641-655. | 0.6 | 7 |
| 29 | PKA/CREB and NF-Î°B pathway regulates AKNA transcription: A novel insight into T-2 toxin-induced inflammation and GH deficiency in GH3 cells. Toxicology, 2017, 392, 81-95. | 2.0 | 31 |
| 30 | The effects of different enrofloxacin dosages on clinical efficacy and resistance development in chickens experimentally infected with Salmonella Typhimurium. Scientific Reports, 2017, 7, 11676. | 1.6 | 24 |
| 31 | Virulence and transcriptome profile of multidrug-resistant Escherichia coli from chicken. Scientific Reports, 2017, 7, 8335. | 1.6 | 15 |
| 32 | New methodologies in screening of antibiotic residues in animal-derived foods: Biosensors. Talanta, 2017, 175, 435-442. | 2.9 | 44 |
| 33 | Cj1199 Affect the Development of Erythromycin Resistance in Campylobacter jejuni through Regulation of Leucine Biosynthesis. Frontiers in Microbiology, 2017, 8, 16. | 1.5 | 8 |
| 34 | Cj0440c Affects Flagella Formation and In Vivo Colonization of Erythromycin-Susceptible and -Resistant Campylobacter jejuni. Frontiers in Microbiology, 2017, 8, 729. | 1.5 | 10 |
| 35 | Microbial Shifts in the Intestinal Microbiota of Salmonella Infected Chickens in Response to Enrofloxacin. Frontiers in Microbiology, 2017, 8, 1711. | 1.5 | 34 |
| 36 | Application of PK/PD Modeling in Veterinary Field: Dose Optimization and Drug Resistance Prediction. BioMed Research International, 2016, 2016, 1-12. | 0.9 | 31 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Survival and Evolution of CRISPRâ€"Cas System in Prokaryotes and Its Applications. Frontiers in Immunology, 2016, 7, 375. | 2.2 | 33 |
| 38 | Pharmacokinetic and Pharmacodynamic Integration and Modeling of Enrofloxacin in Swine for Escherichia coli. Frontiers in Microbiology, 2016, 7, 36. | 1.5 | 30 |
| 39 | The Epidemiologic and Pharmacodynamic Cutoff Values of Tilmicosin against Haemophilus parasuis. Frontiers in Microbiology, 2016, 7, 385. | 1.5 | 35 |
| 40 | Antimicrobial Drugs in Fighting against Antimicrobial Resistance. Frontiers in Microbiology, 2016, 7, 470. | 1.5 | 100 |
| 41 | Effect of Tulathromycin on Colonization Resistance, Antimicrobial Resistance, and Virulence of Human Gut Microbiota in Chemostats. Frontiers in Microbiology, 2016, 7, 477. | 1.5 | 5 |
| 42 | Bacteria vs. Bacteriophages: Parallel Evolution of Immune Arsenals. Frontiers in Microbiology, 2016, 7, 1292. | 1.5 | 55 |
| 43 | Virulence and Genomic Feature of Multidrug Resistant Campylobacter jejuni Isolated from Broiler Chicken. Frontiers in Microbiology, 2016, 7, 1605. | 1.5 | 12 |
| 44 | The Risk of Some Veterinary Antimicrobial Agents on Public Health Associated with Antimicrobial Resistance and their Molecular Basis. Frontiers in Microbiology, 2016, 7, 1626. | 1.5 | 52 |
| 45 | Mechanisms of Antibacterial Action of Quinoxaline 1,4-di-N-oxides against Clostridium perfringens and Brachyspira hyodysenteriae. Frontiers in Microbiology, 2016, 7, 1948. | 1.5 | 23 |
| 46 | Quinoxaline 1,4-di-N-Oxides: Biological Activities and Mechanisms of Actions. Frontiers in Pharmacology, 2016, 7, 64. | 1.6 | 80 |
| 47 | Pharmacokineticâ€"Pharmacodynamic Modeling of Enrofloxacin Against Escherichia coli in Broilers. Frontiers in Veterinary Science, 2016, 2, 80. | 0.9 | 25 |
| 48 | Further investigations into the genotoxicity of quinoxaline-di-N-oxides and their primary metabolites. Food and Chemical Toxicology, 2016, 93, 145-157. | 1.8 | 40 |
| 49 | In vitro antimicrobial activities of animal-used quinoxaline 1,4-di-N-oxides against mycobacteria, mycoplasma and fungi. BMC Veterinary Research, 2016, 12, 186. | 0.7 | 21 |
| 50 | Comparative virulence studies and transcriptome analysis of Staphylococcus aureus strains isolated from animals. Scientific Reports, 2016, 6, 35442. | 1.6 | 36 |
| 51 | Evaluation of the safety of primary metabolites of cyadox: Acute and sub-chronic toxicology studies and genotoxicity assessment. Regulatory Toxicology and Pharmacology, 2016, 74, 123-136. | 1.3 | 16 |
| 52 | Synthesis, 3D-QSAR analysis and biological evaluation of quinoxaline 1,4-di-N-oxide derivatives as antituberculosis agents. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4146-4153. | 1.0 | 23 |
| 53 | Integration of PK/PD for dose optimization of Cefquinome against Staphylococcus aureus causing septicemia in cattle. Frontiers in Microbiology, 2015, 6, 588. | 1.5 | 32 |
| 54 | Serotypes and antimicrobial susceptibility of Salmonella spp. isolated from farm animals in China. Frontiers in Microbiology, 2015, 6, 602. | 1.5 | 69 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Assessment of thirteen-week subchronic oral toxicity of cyadox in Beagle dogs. Regulatory Toxicology and Pharmacology, 2015, 73, 652-659. | 1.3 | 16 |
| 56 | Deoxidation Rates Play a Critical Role in DNA Damage Mediated by Important Synthetic Drugs, Quinoxaline 1,4-Dioxides. Chemical Research in Toxicology, 2015, 28, 470-481. | 1.7 | 52 |
| 57 | Identification of Campylobacter jejuni and determination of point mutations associated with macrolide resistance using a multiplex Taq Man MGB real-time PCR. Journal of Applied Microbiology, 2015, 118, 1418-1425. | 1.4 | 7 |
| 58 | Microbiological toxicity of tilmicosin on human colonic microflora in chemostats. Regulatory Toxicology and Pharmacology, 2015, 73, 201-208. | 1.3 | 8 |
| 59 | Systematic and Molecular Basis of the Antibacterial Action of Quinoxaline 1,4-Di-N-Oxides against Escherichia coli. PLoS ONE, 2015, 10, e0136450. | 1.1 | 55 |
| 60 | Antibiotic alternatives: the substitution of antibiotics in animal husbandry?. Frontiers in Microbiology, 2014, 5, 217. | 1.5 | 425 |
| 61 | High Risk of Embryo-Fetal Toxicity: Placental Transfer of T-2 Toxin and Its Major Metabolite HT-2 Toxin in BeWo Cells. Toxicological Sciences, 2014, 137, 168-178. | 1.4 | 26 |
| 62 | Benefits and risks of antimicrobial use in food-producing animals. Frontiers in Microbiology, 2014, 5, 288. | 1.5 | 256 |
| 63 | Development of an enzyme-linked-receptor assay based on Syrian hamster Î²2-adrenergic receptor for detection of Î²-agonists. Analytical Biochemistry, 2014, 459, 18-23. | 1.1 | 10 |
| 64 | Development of a novel genetically modified bioluminescent-bacteria-based assay for detection of fluoroquinolones in animal-derived foods. Analytical and Bioanalytical Chemistry, 2014, 406, 7899-7910. | 1.9 | 18 |
| 65 | Plasmid-mediated multidrug resistance and virulence in an avian pathogenic Escherichia coli strain isolated in China. Journal of Global Antimicrobial Resistance, 2014, 2, 57-58. | 0.9 | 8 |
| 66 | Structure-Function Analysis of Porcine Cytochrome P450 3A29 in the Hydroxylation of T-2 Toxin as Revealed by Docking and Mutagenesis Studies. PLoS ONE, 2014, 9, e106769. | 1.1 | 9 |
| 67 | Susceptibility Breakpoint for Enrofloxacin against Swine Salmonella spp. Journal of Clinical Microbiology, 2013, 51, 3070-3072. | 1.8 | 9 |
| 68 | Antibacterial action of quinolones: From target to network. European Journal of Medicinal Chemistry, 2013, 66, 555-562. | 2.6 | 82 |
| 69 | Impact of cyadox on human colonic microflora in chemostat models. Regulatory Toxicology and Pharmacology, 2013, 67, 335-343. | 1.3 | 17 |
| 70 | Development of a direct ELISA based on carboxy-terminal of penicillin-binding protein BlaR for the detection of Î²-lactam antibiotics in foods. Analytical and Bioanalytical Chemistry, 2013, 405, 8925-8933. | 1.9 | 39 |
| 71 | Mutational and Transcriptomic Changes Involved in the Development of Macrolide Resistance in Campylobacter jejuni. Antimicrobial Agents and Chemotherapy, 2013, 57, 1369-1378. | 1.4 | 34 |
| 72 | Mechanism of Porcine Liver Xanthine Oxidoreductase Mediated N-Oxide Reduction of Cyadox as Revealed by Docking and Mutagenesis Studies. PLoS ONE, 2013, 8, e73912. | 1.1 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | JAK/STAT Pathway Plays a Critical Role in the Proinflammatory Gene Expression and Apoptosis of RAW264.7 Cells Induced by Trichothecenes as DON and T-2 Toxin. Toxicological Sciences, 2012, 127, 412-424. | 1.4 | 108 |
| 74 | Inhibitors targeting on cell wall biosynthesis pathway of MRSA. Molecular BioSystems, 2012, 8, 2828. | 2.9 | 10 |
| 75 | Key genetic elements and regulation systems in methicillin-resistant <i>Staphylococcus aureus</i>. Future Microbiology, 2012, 7, 1315-1329. | 1.0 | 33 |
| 76 | Development of Quinoxaline 1, 4-Dioxides Resistance in Escherichia coli and Molecular Change under Resistance Selection. PLoS ONE, 2012, 7, e43322. | 1.1 | 12 |
| 77 | The physiologic and phenotypic alterations due to macrolide exposure in Campylobacter jejuni. International Journal of Food Microbiology, 2011, 151, 52-61. | 2.1 | 10 |
| 78 | Contribution of CmeG to antibiotic and oxidative stress resistance in Campylobacter jejuni. Journal of Antimicrobial Chemotherapy, 2011, 66, 79-85. | 1.3 | 82 |
| 79 | The Role of RamA on the Development of Ciprofloxacin Resistance in Salmonella enterica Serovar Typhimurium. PLoS ONE, 2011, 6, e23471. | 1.1 | 30 |
| 80 | Quantification of Mutated Alleles of 23S rRNA in Macrolide-Resistant Campylobacter by TaqMan Real-Time Polymerase Chain Reaction. Foodborne Pathogens and Disease, 2010, 7, 43-49. | 0.8 | 11 |
| 81 | 23S rRNA Mutation A2074C Conferring High-Level Macrolide Resistance and Fitness Cost in<i>Campylobacter jejuni</i>. Microbial Drug Resistance, 2009, 15, 239-244. | 0.9 | 46 |