Jun Lin

List of Publications by Year
in descending order

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65 papers	3,811 citations	172457 29 h-index	128289 60 g-index
65 all docs	65 docs citations	65 times ranked	3555 citing authors

#	Article	IF	Citations
1	CmeABC Functions as a Multidrug Efflux System in Campylobacter jejuni. Antimicrobial Agents and Chemotherapy, 2002, 46, 2124-2131.	3.2	473
2	Enhanced in vivo fitness of fluoroquinolone-resistant Campylobacter jejuni in the absence of antibiotic selection pressure. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 541-546.	7.1	326
3	Critical Role of Multidrug Efflux Pump CmeABC in Bile Resistance and In Vivo Colonization of Campylobacter jejuni. Infection and Immunity, 2003, 71, 4250-4259.	2.2	270
4	Outer membrane proteins: key players for bacterial adaptation in host niches. Microbes and Infection, 2002, 4, 325-331.	1.9	231
5	In Vivo Selection of Campylobacter Isolates with High Levels of Fluoroquinolone Resistance Associated with gyrA Mutations and the Function of the CmeABC Efflux Pump. Antimicrobial Agents and Chemotherapy, 2003, 47, 390-394.	3.2	218
6	Novel Approaches forCampylobacterControl in Poultry. Foodborne Pathogens and Disease, 2009, 6, 755-765.	1.8	178
7	CmeR Functions as a Transcriptional Repressor for the Multidrug Efflux Pump CmeABC in Campylobacter jejuni. Antimicrobial Agents and Chemotherapy, 2005, 49, 1067-1075.	3.2	172
8	Campylobacterin Poultry: Ecology and Potential Interventions. Avian Diseases, 2015, 59, 185-200.	1.0	171
9	Bile Salts Modulate Expression of the CmeABC Multidrug Efflux Pump in Campylobacter jejuni. Journal of Bacteriology, 2005, 187, 7417-7424.	2.2	167
10	Interaction of CmeABC and CmeDEF in conferring antimicrobial resistance and maintaining cell viability in Campylobacter jejuni. Journal of Antimicrobial Chemotherapy, 2006, 57, 52-60.	3.0	132
11	The increased viability of probiotic Lactobacillus salivarius NRRL B-30514 encapsulated in emulsions with multiple lipid-protein-pectin layers. Food Research International, 2015, 71, 9-15.	6.2	96
12	Effect of Macrolide Usage on Emergence of Erythromycin-Resistant Campylobacter Isolates in Chickens. Antimicrobial Agents and Chemotherapy, 2007, 51, 1678-1686.	3.2	93
13	Response of Intestinal Microbiota to Antibiotic Growth Promoters in Chickens. Foodborne Pathogens and Disease, 2013, 10, 331-337.	1.8	83
14	Antibiotic growth promoters enhance animal production by targeting intestinal bile salt hydrolase and its producers. Frontiers in Microbiology, 2014, 5, 33.	3.5	82
15	Identification and Characterization of a Bile Salt Hydrolase from Lactobacillus salivarius for Development of Novel Alternatives to Antibiotic Growth Promoters. Applied and Environmental Microbiology, 2012, 78, 8795-8802.	3.1	80
16	A single nucleotide in the promoter region modulates the expression of the Â-lactamase OXA-61 in Campylobacter jejuni. Journal of Antimicrobial Chemotherapy, 2014, 69, 1215-1223.	3.0	57
17	Identification and Characterization of a New Ferric Enterobactin Receptor, CfrB, in Campylobacter. Journal of Bacteriology, 2010, 192, 4425-4435.	2.2	50
18	Molecular, Antigenic, and Functional Characteristics of Ferric Enterobactin Receptor CfrA in Campylobacter jejuni. Infection and Immunity, 2009, 77, 5437-5448.	2.2	47

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19	Effect of efflux pump inhibitors on bile resistance and in vivo colonization of Campylobacter jejuni. Journal of Antimicrobial Chemotherapy, 2006, 58, 966-972.	3.0	46
20	Identification and characterization of a periplasmic trilactone esterase, <scp>Cee</scp>, revealed unique features of ferric enterobactin acquisition in <scp>C</scp>ampylobacter. Molecular Microbiology, 2013, 87, 594-608.	2.5	42
21	Functional Cloning and Characterization of Antibiotic Resistance Genes from the Chicken Gut Microbiome. Applied and Environmental Microbiology, 2012, 78, 3028-3032.	3.1	40
22	Discovery of Bile Salt Hydrolase Inhibitors Using an Efficient High-Throughput Screening System. PLoS ONE, 2014, 9, e85344.	2.5	39
23	Prevalence, Development, and Molecular Mechanisms of Bacteriocin Resistance in Campylobacter. Applied and Environmental Microbiology, 2011, 77, 2309-2316.	3.1	36
24	Effects of media, heat adaptation, and outlet temperature on the survival of Lactobacillus salivarius NRRL B-30514 after spray drying and subsequent storage. LWT - Food Science and Technology, 2016, 74, 441-447.	5.2	35
25	Effect of an Efflux Pump Inhibitor on the Function of the Multidrug Efflux Pump CmeABC and Antimicrobial Resistance inCampylobacter. Foodborne Pathogens and Disease, 2006, 3, 393-402.	1.8	34
26	Plasmid-mediated colistin resistance in animals: current status and future directions. Animal Health Research Reviews, 2017, 18, 136-152.	3.1	34
27	Bacterial bile salt hydrolase: an intestinal microbiome target for enhanced animal health. Animal Health Research Reviews, 2016, 17, 148-158.	3.1	33
28	Within-host heterogeneity and flexibility of mcr-1 transmission in chicken gut. International Journal of Antimicrobial Agents, 2020, 55, 105806.	2.5	33
29	Factors influencing horizontal gene transfer in the intestine. Animal Health Research Reviews, 2017, 18, 153-159.	3.1	32
30	Heat Shock-Enhanced Conjugation Efficiency in Standard Campylobacter jejuni Strains. Applied and Environmental Microbiology, 2015, 81, 4546-4552.	3.1	30
31	Transcriptomic analysis of Campylobacter jejuni NCTC 11168 in response to epinephrine and norepinephrine. Frontiers in Microbiology, 2015, 6, 452.	3.5	29
32	The ISApl12 Dimer Circular Intermediate Participates in mcr-1 Transposition. Frontiers in Microbiology, 2019, 10, 15.	3.5	28
33	MCR-1 Confers Cross-Resistance to Bacitracin, a Widely Used In-Feed Antibiotic. MSphere, 2018, 3, .	2.9	27
34	Crystal structure of bile salt hydrolase fromLactobacillus salivarius. Acta Crystallographica Section F, Structural Biology Communications, 2016, 72, 376-381.	0.8	26
35	Characterization of the emerging multidrug-resistant Salmonella enterica serovar Indiana strains in China. Emerging Microbes and Infections, 2019, 8, 29-39.	6.5	23
36	Systematic Identification of Genetic Loci Required for Polymyxin Resistance inCampylobacter jejuniUsing an EfficientIn VivoTransposon Mutagenesis System. Foodborne Pathogens and Disease, 2009, 6, 173-185.	1.8	21

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37	Specific TonB-ExbB-ExbD energy transduction systems required for ferric enterobactin acquisition inCampylobacter. FEMS Microbiology Letters, 2013, 347, 83-91.	1.8	21
38	Effect of Bile Salt Hydrolase Inhibitors on a Bile Salt Hydrolase from Lactobacillus acidophilus. Pathogens, 2014, 3, 947-956.	2.8	17
39	The complex structure of bile salt hydrolase from Lactobacillus salivarius reveals the structural basis of substrate specificity. Scientific Reports, 2019, 9, 12438.	3.3	17
40	Enterobactin-Specific Antibodies Induced by a Novel Enterobactin Conjugate Vaccine. Applied and Environmental Microbiology, 2019, 85, .	3.1	17
41	Development and Evaluation of CmeC Subunit Vaccine against Campylobacter jejuni. Journal of Vaccines & Vaccination, 2010, 01, .	0.3	15
42	Immunization of Chickens with the Enterobactin Conjugate Vaccine Reduced Campylobacter jejuni Colonization in the Intestine. Vaccines, 2020, 8, 747.	4.4	15
43	Isolation and characterization of Escherichia albertii in poultry at the preâ€harvest level. Zoonoses and Public Health, 2021, 68, 213-225.	2.2	15
44	Evaluation of in ovo vaccination of DNA vaccines for Campylobacter control in broiler chickens. Vaccine, 2019, 37, 3785-3792.	3.8	13
45	Caffeic Acid Phenethyl Ester Loaded in Skim Milk Microcapsules: Physicochemical Properties and Enhanced In Vitro Bioaccessibility and Bioactivity against Colon Cancer Cells. Journal of Agricultural and Food Chemistry, 2020, 68, 14978-14987.	5.2	13
46	Evaluation of the Immunogenic Response of a Novel Enterobactin Conjugate Vaccine in Chickens for the Production of Enterobactin-Specific Egg Yolk Antibodies. Frontiers in Immunology, 2021, 12, 629480.	4.8	13
47	Oral Immunization of Chickens with Lactococcus lactis Expressing cjaA Temporarily Reduces Campylobacter jejuni Colonization. Foodborne Pathogens and Disease, 2020, 17, 366-372.	1.8	12
48	Effects of riboflavin and Bacillus subtilis on internal organ development and intestinal health of Ross 708 male broilers with or without coccidial challenge. Poultry Science, 2021, 100, 100973.	3.4	12
49	Survival of Escherichia coli in Airborne and Settled Poultry Litter Particles. Animals, 2022, 12, 284.	2.3	12
50	Enterobactin-specific antibodies inhibit in vitro growth of different gram-negative bacterial pathogens. Vaccine, 2020, 38, 7764-7773.	3.8	11
51	Identification of genetic loci that contribute to Campylobacter resistance to fowlicidin-1, a chicken host defense peptide. Frontiers in Cellular and Infection Microbiology, 2012, 2, 32.	3.9	10
52	Evaluation of bile salt hydrolase inhibitor efficacy for modulating host bile profile and physiology using a chicken model system. Scientific Reports, 2020, 10, 4941.	3.3	10
53	Probiotic powders prepared by mixing suspension of Lactobacillus salivarius NRRL B-30514 and spray-dried lactose: Physical and microbiological properties. Food Research International, 2020, 127, 108706.	6.2	9
54	Characterization of High Affinity Iron Acquisition Systems in Campylobacter jejuni. Methods in Molecular Biology, 2017, 1512, 65-78.	0.9	8

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55	Development and Evaluation of Two Live Salmonella-Vectored Vaccines for Campylobacter Control in Broiler Chickens. Foodborne Pathogens and Disease, 2019, 16, 399-410.	1.8	8
56	Riboflavin and Bacillus subtilis effects on growth performance and woody-breast of Ross 708 broilers with or without Eimeria spp. challenge. Journal of Animal Science and Technology, 2022, 64, 443-461.	2.5	8
57	Important Role of a Putative Lytic Transglycosylase Cj0843c in Î²-Lactam Resistance in Campylobacter jejuni. Frontiers in Microbiology, 2015, 6, 1292.	3.5	7
58	Passive Immunization of Chickens with Anti-Enterobactin Egg Yolk Powder for Campylobacter Control. Vaccines, 2021, 9, 569.	4.4	7
59	Isolation and characterization of Escherichia albertii originated from the broiler farms in Mississippi and Alabama. Veterinary Microbiology, 2022, 267, 109379.	1.9	7
60	Monoclonal antibody-based indirect competitive ELISA for quantitative detection of Enterobacteriaceae siderophore enterobactin. Food Chemistry, 2022, 391, 133241.	8.2	7
61	Ex Vivo Evaluation of Egg Yolk IgY Degradation in Chicken Gastrointestinal Tract. Frontiers in Immunology, 2021, 12, 746831.	4.8	4
62	Critical Role of 3â€²-Downstream Region of pmrB in Polymyxin Resistance in Escherichia coli BL21(DE3). Microorganisms, 2021, 9, 655.	3.6	3
63	Longitudinal surveillance and comparative characterization of Escherichia albertii in wild raccoons in the United States. Microbiological Research, 2022, 262, 127109.	5.3	3
64	A Cotransformation Method To Identify a Restriction-Modification Enzyme That Reduces Conjugation Efficiency in Campylobacter jejuni. Applied and Environmental Microbiology, 2018, 84, .	3.1	2
65	Spray-coating as a novel strategy to supplement broiler feed pellets with probiotic Lactobacillus salivarius NRRL B-30514. LWT - Food Science and Technology, 2021, 137, 110419.	5.2	1