Xin-An Jiao

List of Publications by Year
in descending order

116 papers	1,558 citations	361413 20 h-index	454955 30 g-index
118 all docs	118 docs citations	118 times ranked	1371 citing authors

#	Article	IF	Citations
1	Salmonella Typhimurium ST34 Isolate Was More Resistant than the ST19 Isolate in China, 2007â€‰â€“â€‰2019. Foodborne Pathogens and Disease, 2022, 19, 62-69.	1.8	10
2	Investigating the role of BN-domains of FlhF involved in flagellar synthesis in Campylobacter jejuni. Microbiological Research, 2022, 256, 126944.	5.3	3
3	Safety and protective efficacy of Salmonella Pullorum spiC and rfaH deletion rough mutant as a live attenuated DIVA vaccine candidate. Poultry Science, 2022, 101, 101655.	3.4	6
4	Plasmid-borne tet(X3) and chromosome-borne tet(X6) in porcine Acinetobacter isolates. Journal of Global Antimicrobial Resistance, 2022, , .	2.2	0
5	Colistin- and tigecycline-resistant CTX-M-14-producing Salmonella enterica serovar Kentucky ST198 from retail chicken meat, China. International Journal of Antimicrobial Agents, 2022, 59, 106504.	2.5	10
6	Detection of cfr in Leclercia adecarboxylata from pig feed, China. Journal of Antimicrobial Chemotherapy, 2022, 77, 1500-1502.	3.0	3
7	Campylobacter jejuni Developed the Resistance to Bacteriophage CP39 by Phase Variable Expression of 06875 Encoding the CGPTase. Viruses, 2022, 14, 485.	3.3	2
8	Development of a Duplex TaqMan Real-Time Polymerase Chain Reaction for Accurate Identification and Quantification of Salmonella Enteritidis from Laboratory Samples and Contaminated Chicken Eggs. Foods, 2022, 11, 742.	4.3	4
9	Prevalence and characteristics of Campylobacter from the genital tract of primates and ruminants in Eastern China. Transboundary and Emerging Diseases, 2022, 69, .	3.0	5
10	Salmonella Enteritidis Subunit Vaccine Candidate Based on SseB Protein Co-Delivered with Simvastatin as Adjuvant. Pathogens, 2022, 11, 443.	2.8	8
11	Whole-genome sequencing analysis reveals pig as the main reservoir for persistent evolution of Salmonella enterica serovar Rissen causing human salmonellosis. Food Research International, 2022, 154, 111007.	6.2	7
12	Emergence of carbapenem- and tigecycline-resistant Klebsiella pneumoniae ST617. Journal of Global Antimicrobial Resistance, 2022, , .	2.2	2
13	The AdcR-regulated AdcA and AdcAII contribute additively to zinc acquisition and virulence in Streptococcus suis. Veterinary Microbiology, 2022, 269, 109418.	1.9	5
14	Characterization of an Extensively Drug-Resistant Salmonella enterica Serovar Indiana Strain Harboring Chromosomal blaNDM-9 in China. Infection and Drug Resistance, 2022, Volume 15, 2015-2019.	2.7	2
15	Salmonella Enteritidis GalE Protein Inhibits LPS-Induced NLRP3 Inflammasome Activation. Microorganisms, 2022, 10, 911.	3.6	3
16	Handling practice as a critical point influencing the transmission route of campylobacter throughout a commercial restaurant kitchen in China. Food Control, 2022, 139, 109056.	5.5	3
17	Development and evaluation of a Mycobacterium bovis interferon-Î³ enzyme-linked immunospot (ELISpot) assay for detection of bovine tuberculosis. Journal of Dairy Science, 2022, 105, 6021-6029.	3.4	4
18	Transmembrane Protein LMxysn_1693 of Serovar 4h Listeria monocytogenes Is Associated with Bile Salt Resistance and Intestinal Colonization. Microorganisms, 2022, 10, 1263.	3.6	1

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19	Phylogenetic tracing and biological characterization of a novel clade 2.3.2.1 reassortant of H5N6 subtype avian influenza virus in China. Transboundary and Emerging Diseases, 2021, 68, 730-741.	3.0	6
20	The Prevalence of Staphylococcus aureus and the Occurrence of MRSA CC398 in Monkey Feces in a Zoo Park in Eastern China. Animals, 2021, 11, 732.	2.3	6
21	Epidemic patterns of antimicrobial resistance of Salmonella enterica serovar Gallinarum biovar Pullorum isolates in China during the past half-century. Poultry Science, 2021, 100, 100894.	3.4	12
22	Antimicrobial Effect and the Mechanism of Diallyl Trisulfide against Campylobacter jejuni. Antibiotics, 2021, 10, 246.	3.7	13
23	Isolation, Characterization, and Application in Poultry Products of a Salmonella-Specific Bacteriophage, S55. Journal of Food Protection, 2021, 84, 1202-1212.	1.7	6
24	Mutations during the adaptation of H7N9 avian influenza virus to mice lungs enhance human-like sialic acid binding activity and virulence in mice. Veterinary Microbiology, 2021, 254, 109000.	1.9	4
25	Genome-Wide Identification of Genes Involved in Acid Stress Resistance of Salmonella Derby. Genes, 2021, 12, 476.	2.4	8
26	Salmonella Pullorum spiC mutant is a desirable LASV candidate with proper virulence, high immune protection and easy-to-use oral administration. Vaccine, 2021, 39, 1383-1391.	3.8	8
27	Genomic Identification of Multidrug-Resistant Salmonella Virchow Monophasic Variant Causing Human Septic Arthritis. Pathogens, 2021, 10, 536.	2.8	2
28	High genetic similarity of Salmonella Enteritidis as a predominant serovar by an independent survey in 3 large-scale chicken farms in China. Poultry Science, 2021, 100, 100941.	3.4	2
29	An Investigation into the Critical Factors Influencing the Spread of Campylobacter during Chicken Handling in Commercial Kitchens in China. Microorganisms, 2021, 9, 1164.	3.6	5
30	First detection of the multiresistance gene cfr in Escherichia coli from retail vegetables, China. International Journal of Antimicrobial Agents, 2021, 57, 106348.	2.5	4
31	Feeding Malic Acid to Chickens at Slaughter Age Improves Microbial Safety with Regard to Campylobacter. Animals, 2021, 11, 1999.	2.3	2
32	Duo: A Signature Based Method to Batch-Analyze Functional Similarities of Proteins. Frontiers in Microbiology, 2021, 12, 698322.	3.5	1
33	Multiple Mechanisms of Tigecycline Resistance in Enterobacteriaceae from a Pig Farm, China. Microbiology Spectrum, 2021, 9, e0041621.	3.0	15
34	First detection of CTX-M-14-producing multidrug-resistant Salmonella enterica serotype Kentucky ST198 epidemic clone from a retail vegetable, China. Journal of Global Antimicrobial Resistance, 2021, 26, 252-254.	2.2	2
35	Characterization of CRISPR array in Salmonella enterica from asymptomatic people and patients. International Journal of Food Microbiology, 2021, 355, 109338.	4.7	4
36	Enhanced therapeutic efficacy of Listeria-based cancer vaccine with codon-optimized HPV16 E7. Human Vaccines and Immunotherapeutics, 2021, 17, 1568-1577.	3.3	6

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37	Long noncoding RNA#45 exerts broad inhibitory effect on influenza a virus replication via its stem ring arms. Virulence, 2021, 12, 2443-2460.	4.4	7
38	Revisiting Persistent Salmonella Infection and the Carrier State: What Do We Know?. Pathogens, 2021, 10, 1299.	2.8	20
39	Capsular Genotype and Lipooligosaccharide Class Associated Genomic Characterizations of Campylobacter jejuni Isolates From Food Animals in China. Frontiers in Microbiology, 2021, 12, 775090.	3.5	5
40	Single Dose of Bivalent H5 and H7 Influenza Virus-Like Particle Protects Chickens Against Highly Pathogenic H5N1 and H7N9 Avian Influenza Viruses. Frontiers in Veterinary Science, 2021, 8, 774630.	2.2	6
41	Genomic Relatedness, Antibiotic Resistance and Virulence Traits of Campylobacter jejuni HS19 Isolates From Cattle in China Indicate Pathogenic Potential. Frontiers in Microbiology, 2021, 12, 783750.	3.5	5
42	inlF Enhances Listeria monocytogenes Early-Stage Infection by Inhibiting the Inflammatory Response. Frontiers in Cellular and Infection Microbiology, 2021, 11, 748461.	3.9	7
43	Chromosomally Located fosA7 in Salmonella Isolates From China. Frontiers in Microbiology, 2021, 12, 781306.	3.5	11
44	First Detection of NDM-5-Positive Salmonella enterica Serovar Typhimurium Isolated from Retail Pork in China. Microbial Drug Resistance, 2020, 26, 434-437.	2.0	16
45	Amino acid substitutions in antigenic region B of hemagglutinin play a critical role in the antigenic drift of subclade 2.3.4.4 highly pathogenic H5NX influenza viruses. Transboundary and Emerging Diseases, 2020, 67, 263-275.	3.0	9
46	Identification and molecular characterization of Staphylococcus aureus and multiâ€drug resistant MRSA from monkey faeces in China. Transboundary and Emerging Diseases, 2020, 67, 1382-1387.	3.0	7
47	Pig as a reservoir of CRISPR type TST4 Salmonella enterica serovar Typhimurium monophasic variant during 2009â€“2017 in China. Emerging Microbes and Infections, 2020, 9, 1-4.	6.5	58
48	rOmpF and OMVs as efficient subunit vaccines against Salmonella enterica serovar Enteritidis infections in poultry farms. Vaccine, 2020, 38, 7094-7099.	3.8	18
49	Coexistence of blaOXA-58 and tet(X) on a Novel Plasmid in Acinetobacter sp. From Pig in Shanghai, China. Frontiers in Microbiology, 2020, 11, 578020.	3.5	12
50	Multiple PCR assay based on the cigR gene for detection of Salmonella spp. and Salmonella Pullorum/Gallinarum identification. Poultry Science, 2020, 99, 5991-5998.	3.4	8
51	Development of a flow cytometry assay for bovine interleukin-2 and its preliminary application in bovine tuberculosis detection. Veterinary Immunology and Immunopathology, 2020, 228, 110112.	1.2	3
52	The SPI-19 encoded T6SS is required for Salmonella Pullorum survival within avian macrophages and initial colonization in chicken dependent on inhibition of host immune response. Veterinary Microbiology, 2020, 250, 108867.	1.9	14
53	Essential role of Salmonella Enteritidis DNA adenine methylase in modulating inflammasome activation. BMC Microbiology, 2020, 20, 226.	3.3	12
54	SspH2 as anti-inflammatory candidate effector and its contribution in Salmonella Enteritidis virulence. Microbial Pathogenesis, 2020, 142, 104041.	2.9	11

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55	AvrA Exerts Inhibition of NF-ÎºB Pathway in Its NaÃ¯ve Salmonella Serotype through Suppression of p-JNK and Beclin-1 Molecules. International Journal of Molecular Sciences, 2020, 21, 6063.	4.1	12
56	A Multidrug-resistant Monophasic Salmonella Typhimurium Co-harboring mcr-1, fosA3, bla_{CTX-M-14} in a Transferable IncHI2 Plasmid from a Healthy Catering Worker in China . Infection and Drug Resistance, 2020, Volume 13, 3569-3574.	2.7	9
57	Characterization and Prevalence of Campylobacter spp. From Broiler Chicken Rearing Period to the Slaughtering Process in Eastern China. Frontiers in Veterinary Science, 2020, 7, 227.	2.2	32
58	Physicochemical and antibacterial properties of fabricated ovalbuminâ€“carvacrol gel nanoparticles. Food and Function, 2020, 11, 5133-5141.	4.6	15
59	Multidrug resistance and prevalence of quinolone resistance genes of Salmonella enterica serotypes 4,[5],12:i:- in China. International Journal of Food Microbiology, 2020, 330, 108692.	4.7	22
60	Prevalence of Salmonella Isolates and Their Distribution Based on Whole-Genome Sequence in a Chicken Slaughterhouse in Jiangsu, China. Frontiers in Veterinary Science, 2020, 7, 29.	2.2	30
61	Investigating the Role of FlhF Identifies Novel Interactions With Genes Involved in Flagellar Synthesis in Campylobacter jejuni. Frontiers in Microbiology, 2020, 11, 460.	3.5	15
62	Rapid Detection of Hypervirulent Serovar 4h Listeria monocytogenes by Multiplex PCR. Frontiers in Microbiology, 2020, 11, 1309.	3.5	14
63	A bioinformatic approach to identify core genome difference between Salmonella Pullorum and Salmonella Enteritidis. Infection, Genetics and Evolution, 2020, 85, 104446.	2.3	3
64	Pathogenicity and transmissibility of clade 2.3.4.4 highly pathogenic avian influenza virus subtype H5N6 in pigeons. Veterinary Microbiology, 2020, 247, 108776.	1.9	4
65	The Invasion Plasmid Antigen J (IpaJ) from Salmonella Inhibits NF-ÎºB Activation by Suppressing IÎºBÎ± Ubiquitination. Infection and Immunity, 2020, 88, .	2.2	10
66	Emergence of 16S rRNA Methylase Gene rmtB in Salmonella Enterica Serovar London and Evolution of RmtB-Producing Plasmid Mediated by IS26. Frontiers in Microbiology, 2020, 11, 604278.	3.5	3
67	A Cross-Protective Vaccine Against 4b and 1/2b Listeria monocytogenes. Frontiers in Microbiology, 2020, 11, 569544.	3.5	7
68	Salmonella Coiled-Coil- and TIR-Containing TcpS Evades the Innate Immune System and Subdues Inflammation. Cell Reports, 2019, 28, 804-818.e7.	6.4	17
69	The PB2 and M genes of genotype S H9N2 virus contribute to the enhanced fitness of H5Nx and H7N9 avian influenza viruses in chickens. Virology, 2019, 535, 218-226.	2.4	13
70	Molecular cloning and functional analysis of TRAF6 from Yangzhou great white goose Anser anser. Developmental and Comparative Immunology, 2019, 101, 103435.	2.3	9
71	MoS2 decorated nanocomposite: Fe2O3@MoS2 inhibits the conjugative transfer of antibiotic resistance genes. Ecotoxicology and Environmental Safety, 2019, 186, 109781.	6.0	37
72	Application of Monoclonal Antibodies Developed Against the IpaJ Protein for Detection of Chickens Infected With Salmonella enterica Serovar Pullorum Using Competitive ELISA. Frontiers in Veterinary Science, 2019, 6, 386.	2.2	2

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73	Immunogenic potential and protective efficacy of a sptP deletion mutant of Salmonella Enteritidis as a live vaccine for chickens against a lethal challenge. International Journal of Medical Microbiology, 2019, 309, 151337.	3.6	6
74	A hybrid sub-lineage of Listeria monocytogenes comprising hypervirulent isolates. Nature Communications, 2019, 10, 4283.	12.8	76
75	Prevalence, Serotypes, and Antimicrobial Resistance Profiles AmongSalmonellaIsolated from Food Catering Workers in Nantong, China. Foodborne Pathogens and Disease, 2019, 16, 346-351.	1.8	22
76	Antibiotic resistance gene reservoir in live poultry markets. Journal of Infection, 2019, 78, 445-453.	3.3	40
77	Loss and Gain in the Evolution of the Salmonella enterica Serovar Gallinarum Biovar Pullorum Genome. MSphere, 2019, 4, .	2.9	23
78	Evaluation of the Safety and Protection Efficacy of spiC and nmpC or rfaL Deletion Mutants of Salmonella Enteritidis as Live Vaccine Candidates for Poultry Non-Typhoidal Salmonellosis. Vaccines, 2019, 7, 202.	4.4	9
79	Induction of arthritis in chickens by infection with novel virulent Salmonella Pullorum strains. Veterinary Microbiology, 2019, 228, 165-172.	1.9	19
80	The optimized fusion protein HA1-2-FliCÎ”D2D3 promotes mixed Th1/Th2 immune responses to influenza H7N9 with low induction of systemic proinflammatory cytokines in mice. Antiviral Research, 2019, 161, 10-19.	4.1	5
81	Purification of recombinant IpaJ to develop an indirect ELISA-based method for detecting Salmonella enterica serovar Pullorum infections in chickens. BMC Veterinary Research, 2019, 15, 3.	1.9	7
82	Virulence of Salmonella entericaserovar Pullorum isolates compared using cell-based and chicken embryo infection models. Poultry Science, 2019, 98, 1488-1493.	3.4	10
83	Could FlhF be a key element that controls Campylobacter jejuni flagella biosynthesis in the initial assembly stage?. Microbiological Research, 2018, 207, 240-248.	5.3	20
84	Quantitative proteomics identify an association between extracellular matrix degradation and immunopathology of genotype VII Newcastle disease virus in the spleen in chickens. Journal of Proteomics, 2018, 181, 201-212.	2.4	13
85	A rapid method to identify Salmonella enterica serovar Gallinarum biovar Pullorum using a specific target gene ipaJ. Avian Pathology, 2018, 47, 238-244.	2.0	24
86	Genetic analysis and CRISPR typing of Salmonella enterica serovar Enteritidis from different sources revealed potential transmission from poultry and pig to human. International Journal of Food Microbiology, 2018, 266, 119-125.	4.7	42
87	Insights into the impact of flhF inactivation on Campylobacter jejuni colonization of chick and mice gut. BMC Microbiology, 2018, 18, 149.	3.3	9
88	Comparative study of Salmonella enterica serovar Enteritidis genes expressed within avian and murine macrophages via selective capture of transcribed sequences (SCOTS). Applied Microbiology and Biotechnology, 2018, 102, 6567-6579.	3.6	3
89	Signature-tagged mutagenesis screening revealed the role of lipopolysaccharide biosynthesis gene rfbH in smooth-to-rough transition in Salmonella Enteritidis. Microbiological Research, 2018, 212-213, 75-79.	5.3	6
90	Salmonella-containing vacuole development in avian cells and characteristic of cigR in Salmonella enterica serovar Pullorum replication within macrophages. Veterinary Microbiology, 2018, 223, 65-71.	1.9	6

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91	Deep sequencing of the mouse lung transcriptome reveals distinct long non-coding RNAs expression associated with the high virulence of H5N1 avian influenza virus in mice. Virulence, 2018, 9, 1092-1111.	4.4	7
92	Analyses of prevalence and molecular typing reveal the spread of antimicrobial-resistant Salmonella infection across two breeder chicken farms. Poultry Science, 2018, 97, 4374-4383.	3.4	15
93	Construction of pSPI12-cured Salmonella enterica serovar Pullorum and identification of IpaJ as an immune response modulator. Avian Pathology, 2018, 47, 410-417.	2.0	16
94	Genetic and biological characterization of two reassortant H5N2 avian influenza A viruses isolated from waterfowl in China in 2016. Veterinary Microbiology, 2018, 224, 8-16.	1.9	12
95	Diversity of Salmonella isolates and their distribution in a pig slaughterhouse in Huaian, China. Food Control, 2017, 78, 238-246.	5.5	37
96	Analysis of prevalence and CRISPR typing reveals persistent antimicrobial-resistant Salmonella infection across chicken breeder farm production stages. Food Control, 2017, 77, 102-109.	5.5	20
97	O-polysaccharide is important for Salmonella Pullorum survival in egg albumen, and virulence and colonization in chicken embryos. Avian Pathology, 2017, 46, 535-540.	2.0	9
98	Genetic analysis of Salmonella enterica serovar Gallinarum biovar Pullorum based on characterization and evolution of CRISPR sequence. Veterinary Microbiology, 2017, 203, 81-87.	1.9	31
99	Newcastle disease virus (NDV) recombinant expressing the hemagglutinin of H7N9 avian influenza virus protects chickens against NDV and highly pathogenic avian influenza A (H7N9) virus challenges. Vaccine, 2017, 35, 6585-6590.	3.8	33
100	Detection and CRISPR subtyping of Salmonella spp. isolated from whole raw chickens in Yangzhou from China. Food Control, 2017, 82, 291-297.	5.5	12
101	Immunogenicity and protective efficacy of a Salmonella Enteritidis sptP mutant as a live attenuated vaccine candidate. BMC Veterinary Research, 2017, 13, 194.	1.9	12
102	Occurrence and genotypes of Campylobacter species in broilers during the rearing period. Avian Pathology, 2017, 46, 215-223.	2.0	14
103	Subtyping Salmonella enterica serovar Derby with multilocus sequence typing (MLST) and clustered regularly interspaced short palindromic repeats (CRISPRs). Food Control, 2017, 73, 474-484.	5.5	27
104	Generation of Monoclonal Antibodies against Ag85A Antigen of Mycobacterium tuberculosis and Application in a Competitive ELISA for Serodiagnosis of Bovine Tuberculosis. Frontiers in Veterinary Science, 2017, 4, 107.	2.2	5
105	A Promising Listeria-Vectored Vaccine Induces Th1-Type Immune Responses and Confers Protection Against Tuberculosis. Frontiers in Cellular and Infection Microbiology, 2017, 7, 407.	3.9	17
106	An Efficient Multiplex PCR-Based Assay as a Novel Tool for Accurate Inter-Serovar Discrimination of Salmonella Enteritidis, S. Pullorum/Gallinarum and S. Dublin. Frontiers in Microbiology, 2017, 8, 420.	3.5	24
107	Antibody Immunity Induced by H7N9 Avian Influenza Vaccines: Evaluation Criteria, Affecting Factors, and Implications for Rational Vaccine Design. Frontiers in Microbiology, 2017, 8, 1898.	3.5	11
108	One-Step PCR Detection of Salmonella Pullorum/Gallinarum Using a Novel Target: The Flagellar Biosynthesis Gene flhB. Frontiers in Microbiology, 2016, 7, 1863.	3.5	23

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109	Expression of recombinant Newcastle disease virus F protein in Pichia pastoris and its immunogenicity using flagellin as the adjuvant. Protein Expression and Purification, 2016, 128, 73-80.	1.3	13
110	Phenotypic characteristics and genotypic correlation between Salmonella isolates from a slaughterhouse and retail markets in Yangzhou, China. International Journal of Food Microbiology, 2016, 222, 56-64.	4.7	96
111	Quantitative surveys of Salmonella and Campylobacter on retail raw chicken in Yangzhou, China. Food Control, 2016, 59, 68-73.	5.5	35
112	Salmonella isolated from the slaughterhouses and correlation with pork contamination in free market. Food Control, 2016, 59, 591-600.	5.5	30
113	Multilocus Sequence Types of Campylobacter jejuni Isolates from Different Sources in Eastern China. Current Microbiology, 2015, 71, 341-346.	2.2	17
114	A gene knock-in method used to purify plasmid pSPI12 from Salmonella enterica serovar Pullorum and characterization of IpaJ. Journal of Microbiological Methods, 2014, 98, 128-133.	1.6	10
115	Protective immunity induced by a LLOâ€deficient Listeria monocytogenes. Microbiology and Immunology, 2010, 54, 175-183.	1.4	7
116	Identification of Salmonella pullorum Genomic Sequences Using Suppression Subtractive Hybridization. Journal of Microbiology and Biotechnology, 2009, 19, 898-903.	2.1	17