

Siddhartha Thakur

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

2,434
citations

147801

31
h-index

233421

45
g-index

108
all docs

108
docs citations

108
times ranked

2856
citing authors

#	ARTICLE	IF	CITATIONS
1	Methicillin-Resistant <i>Staphylococcus aureus</i> in Pigs and Farm Workers on Conventional and Antibiotic-Free Swine Farms in the USA. <i>PLoS ONE</i> , 2013, 8, e63704.	2.5	124
2	Prevalence and Distribution of <i>Salmonella</i> in Organic and Conventional Broiler Poultry Farms. <i>Foodborne Pathogens and Disease</i> , 2010, 7, 1363-1371.	1.8	102
3	Whole genome sequencing analysis of multiple <i>Salmonella</i> serovars provides insights into phylogenetic relatedness, antimicrobial resistance, and virulence markers across humans, food animals and agriculture environmental sources. <i>BMC Genomics</i> , 2018, 19, 801.	2.8	100
4	The role of citizen science in addressing grand challenges in food and agriculture research. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181977.	2.6	97
5	Impact of the COVID-19 pandemic on the surveillance, prevention and control of antimicrobial resistance: a global survey. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 3045-3058.	3.0	88
6	Trends in antimicrobial resistance, phage types and integrons among <i>Salmonella</i> serotypes from pigs, 1997-2000. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 53, 997-1003.	3.0	84
7	Multidrug-Resistant <i>Salmonella enterica</i> Serovar Muenchen from Pigs and Humans and Potential Interserovar Transfer of Antimicrobial Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 503-511.	3.2	84
8	Prevalence and Antimicrobial Resistance of <i>Campylobacter</i> in Antimicrobial-Free and Conventional Pig Production Systems. <i>Journal of Food Protection</i> , 2005, 68, 2402-2410.	1.7	73
9	Genomic Features of High-Priority <i>Salmonella enterica</i> Serovars Circulating in the Food Production Chain, Brazil, 2000–2016. <i>Scientific Reports</i> , 2019, 9, 11058.	3.3	61
10	Genetic relatedness of multidrug resistant <i>Escherichia coli</i> isolated from humans, chickens and poultry environments. <i>Antimicrobial Resistance and Infection Control</i> , 2021, 10, 58.	4.1	61
11	Comparison of Prevalence, Antimicrobial Resistance, and Occurrence of Multidrug-Resistant <i>Salmonella</i> in Antimicrobial-Free and Conventional Pig Production. <i>Journal of Food Protection</i> , 2006, 69, 743-748.	1.7	58
12	Multilaboratory Survey To Evaluate <i>Salmonella</i> Prevalence in Diarrheic and Nondiarrheic Dogs and Cats in the United States between 2012 and 2014. <i>Journal of Clinical Microbiology</i> , 2017, 55, 1350-1368.	3.9	58
13	<i>Campylobacter coli</i> in Swine Production: Antimicrobial Resistance Mechanisms and Molecular Epidemiology. <i>Journal of Clinical Microbiology</i> , 2005, 43, 5705-5714.	3.9	57
14	Longitudinal Study of Distributions of Similar Antimicrobial-Resistant <i>Salmonella</i> Serovars in Pigs and Their Environment in Two Distinct Swine Production Systems. <i>Applied and Environmental Microbiology</i> , 2013, 79, 5167-5178.	3.1	57
15	Antimicrobial Resistance, Virulence, and Genotypic Profile Comparison of <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> Isolated from Humans and Retail Meats. <i>Foodborne Pathogens and Disease</i> , 2010, 7, 835-844.	1.8	56
16	Molecular Characterization of <i>Salmonella enterica</i> Serotype Enteritidis Isolates from Humans by Antimicrobial Resistance, Virulence Genes, and Pulsed-Field Gel Electrophoresis. <i>Foodborne Pathogens and Disease</i> , 2012, 9, 232-238.	1.8	54
17	Ultra-accurate microbial amplicon sequencing with synthetic long reads. <i>Microbiome</i> , 2021, 9, 130.	11.1	53
18	The Mandate for a Global “One Health” Approach to Antimicrobial Resistance Surveillance. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 100, 227-228.	1.4	51

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19	Campylobacter coli: prevalence and antimicrobial resistance in antimicrobial-free (ABF) swine production systems. Journal of Antimicrobial Chemotherapy, 2005, 56, 765-768.	3.0	50
20	Longitudinal Study of <i>Salmonella</i> Dispersion and the Role of Environmental Contamination in Commercial Swine Production Systems. Applied and Environmental Microbiology, 2009, 75, 1478-1486.	3.1	48
21	Antimicrobial Resistance, Toxinotype, and Genotypic Profiling of Clostridium difficile Isolates of Swine Origin. Journal of Clinical Microbiology, 2012, 50, 2366-2372.	3.9	46
22	Assessing the Impact of Manure Application in Commercial Swine Farms on the Transmission of Antimicrobial Resistant Salmonella in the Environment. PLoS ONE, 2016, 11, e0164621.	2.5	46
23	Horizontal Dissemination of Antimicrobial Resistance Determinants in Multiple Salmonella Serotypes following Isolation from the Commercial Swine Operation Environment after Manure Application. Applied and Environmental Microbiology, 2017, 83, .	3.1	45
24	Characterization of Antimicrobial-Resistant Phenotypes and Genotypes among Salmonella enterica Recovered from Pigs on Farms, from Transport Trucks, and from Pigs after Slaughter. Journal of Food Protection, 2004, 67, 698-705.	1.7	44
25	Prevalence and risk factors for multi-drug resistant Escherichia coli among poultry workers in the Federal Capital Territory, Abuja, Nigeria. PLoS ONE, 2019, 14, e0225379.	2.5	44
26	Longitudinal Study of the Persistence of Antimicrobial-Resistant Campylobacter Strains in Distinct Swine Production Systems on Farms, at Slaughter, and in the Environment. Applied and Environmental Microbiology, 2012, 78, 2698-2705.	3.1	42
27	First report of mcr-1-harboring Salmonella enterica serovar Schwarzengrund isolated from poultry meat in Brazil. Diagnostic Microbiology and Infectious Disease, 2019, 93, 376-379.	1.8	41
28	Farm and environmental distribution of Campylobacter and Salmonella in broiler flocks. Research in Veterinary Science, 2013, 94, 33-42.	1.9	39
29	Molecular Epidemiologic Investigation of Campylobacter coli in Swine Production Systems, Using Multilocus Sequence Typing. Applied and Environmental Microbiology, 2006, 72, 5666-5669.	3.1	38
30	Antimicrobial resistance and interspecies gene transfer in Campylobacter coli and Campylobacter jejuni isolated from food animals, poultry processing, and retail meat in North Carolina, 2018-2019. PLoS ONE, 2021, 16, e0246571.	2.5	34
31	Prevalence of antimicrobial resistance and association with toxin genes in Clostridium difficile in commercial swine. American Journal of Veterinary Research, 2010, 71, 1189-1194.	0.6	33
32	Detection of Clostridium difficile and Salmonella in Feral Swine Population in North Carolina. Journal of Wildlife Diseases, 2011, 47, 774-776.	0.8	33
33	Extended-spectrum β -lactamase-producing Escherichia coli among humans, chickens and poultry environments in Abuja, Nigeria. One Health Outlook, 2020, 2, 8.	3.4	32
34	Occurrence of <i>spvA</i> Virulence Gene and Clinical Significance for Multidrug-Resistant <i>Salmonella</i> Strains. Journal of Clinical Microbiology, 2009, 47, 777-780.	3.9	31
35	Prevalence and Antimicrobial Resistance Profile of <i>Campylobacter</i> Spp. Isolated from Conventional and Antimicrobial-Free Swine Production Systems from Different U.S. Regions. Foodborne Pathogens and Disease, 2011, 8, 367-374.	1.8	31
36	Occurrence of multidrug resistant Salmonella in antimicrobial-free (ABF) swine production systems. Veterinary Microbiology, 2007, 125, 362-367.	1.9	26

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37	Biofilm Formation by Environmental Isolates of <i>Salmonella</i> and Their Sensitivity to Natural Antimicrobials. <i>Foodborne Pathogens and Disease</i> , 2016, 13, 509-516.	1.8	21
38	Endemic fluoroquinolone-resistant <i>Salmonella enterica</i> serovar Kentucky ST198 in northern India. <i>Microbial Genomics</i> , 2019, 5, .	2.0	21
39	Environmental Dissemination of Multidrug Methicillin-Resistant <i>Staphylococcus sciuri</i> After Application of Manure from Commercial Swine Production Systems. <i>Foodborne Pathogens and Disease</i> , 2018, 15, 210-217.	1.8	20
40	Multidrug- and colistin-resistant <i>Salmonella enterica</i> 4,[5],12:i:- sequence type 34 carrying the mcr-3.1 gene on the IncHI2 plasmid recovered from a human. <i>Journal of Medical Microbiology</i> , 2019, 68, 986-990.	1.8	20
41	Dissemination of plasmid-encoded AmpC β -lactamases in antimicrobial resistant <i>Salmonella</i> serotypes originating from humans, pigs and the swine environment. <i>Veterinary Microbiology</i> , 2014, 173, 76-83.	1.9	17
42	Antimicrobial resistance and virulence factors profile of <i>Salmonella</i> spp. and <i>Escherichia coli</i> isolated from different environments exposed to anthropogenic activity. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 22, 578-583.	2.2	17
43	Transmission of antimicrobial resistant non-O157 <i>Escherichia coli</i> at the interface of animal-fresh produce in sustainable farming environments. <i>International Journal of Food Microbiology</i> , 2020, 319, 108472.	4.7	15
44	<i>Yersinia enterocolitica</i> of Porcine Origin: Carriage of Virulence Genes and Genotypic Diversity. <i>Foodborne Pathogens and Disease</i> , 2013, 10, 80-86.	1.8	14
45	Phenotypic and Genotypic Characterization of <i>Escherichia coli</i> and <i>Salmonella enterica</i> from Dairy Cattle Farms in the Wakiso District, Uganda: A Cross-Sectional Study. <i>Foodborne Pathogens and Disease</i> , 2019, 16, 54-59.	1.8	14
46	The effect of vegetation barriers at reducing the transmission of <i>Salmonella</i> and <i>Escherichia coli</i> from animal operations to fresh produce. <i>International Journal of Food Microbiology</i> , 2021, 347, 109196.	4.7	14
47	International lineages of <i>Salmonella enterica</i> serovars isolated from chicken farms, Wakiso District, Uganda. <i>PLoS ONE</i> , 2020, 15, e0220484.	2.5	13
48	The role of <i>Enterococcus faecalis</i> during co-infection with avian pathogenic <i>Escherichia coli</i> in avian colibacillosis. <i>Avian Pathology</i> , 2020, 49, 589-599.	2.0	12
49	Molecular Epidemiology of Infectious Zoonotic and Livestock Diseases. <i>Microbiology Spectrum</i> , 2020, 8, .	3.0	12
50	Nuts and Grains: Microbiology and Preharvest Contamination Risks. , 0, , 105-121.		12
51	Class 1 integron-borne cassettes harboring bla _{CARB-2} gene in multidrug-resistant and virulent <i>Salmonella</i> Typhimurium ST19 strains recovered from clinical human stool samples, United States. <i>PLoS ONE</i> , 2020, 15, e0240978.	2.5	12
52	Does Irrigation with Treated and Untreated Wastewater Increase Antimicrobial Resistance in Soil and Water: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11046.	2.6	12
53	Understanding the Complexities of Food Safety Using a "One Health" Approach. <i>Microbiology Spectrum</i> , 2018, 6, .	3.0	11
54	Antibiotic Usage in Poultry Production and Antimicrobial-Resistant <i>Salmonella</i> in Poultry. , 2019, , 47-66.		11

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55	Multidrug resistance and virulence genes carried by mobile genomic elements in <i>Salmonella enterica</i> isolated from live food animals, processed, and retail meat in North Carolina, 2018–2019. <i>International Journal of Food Microbiology</i> , 2022, 378, 109821.	4.7	11
56	Phylogenetic Analysis Reveals Common Antimicrobial Resistant <i>Campylobacter coli</i> Population in Antimicrobial-Free (ABF) and Commercial Swine Systems. <i>PLoS ONE</i> , 2012, 7, e44662.	2.5	10
57	Comparative Phenotypic and Genotypic Characterization of Temporally Related Nontyphoidal <i>Salmonella</i> Isolated from Human Clinical Cases, Pigs, and the Environment in North Carolina. <i>Foodborne Pathogens and Disease</i> , 2014, 11, 156-164.	1.8	10
58	Global Perspective of the Vitamin D Status of African-Caribbean Populations: A Systematic Review and Meta-analysis. <i>European Journal of Clinical Nutrition</i> , 2022, 76, 516-526.	2.9	9
59	Importance of Soil Amendments: Survival of Bacterial Pathogens in Manure and Compost Used as Organic Fertilizers. , 0, , 159-175.		9
60	Genomic Screening of Antimicrobial Resistance Markers in UK and US <i>Campylobacter</i> Isolates Highlights Stability of Resistance over an 18-Year Period. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, e0168721.	3.2	9
61	Characterization of <i>Salmonella enterica</i> Contamination in Pork and Poultry Meat from São Paulo/Brazil: Serotypes, Genotypes and Antimicrobial Resistance Profiles. <i>Pathogens</i> , 2022, 11, 358.	2.8	8
62	Molecular Epidemiologic Investigation of <i>Campylobacter coli</i> in Swine Production Systems, Using Multilocus Sequence Typing. <i>Applied and Environmental Microbiology</i> , 2008, 74, 342-342.	3.1	7
63	Water for Agriculture: the Convergence of Sustainability and Safety. , 0, , 143-157.		7
64	Genomics of human and chicken <i>Salmonella</i> isolates in Senegal: Broilers as a source of antimicrobial resistance and potentially invasive nontyphoidal salmonellosis infections. <i>PLoS ONE</i> , 2022, 17, e0266025.	2.5	7
65	Colonization with multidrug-resistant Enterobacteriaceae among infants: an observational study in southern Sri Lanka. <i>Antimicrobial Resistance and Infection Control</i> , 2021, 10, 72.	4.1	6
66	First Genome Sequence of <i>Brucella abortus</i> Biovar 3 Strain BAU21/S4023, Isolated from a Dairy Cow in Bangladesh. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	5
67	Identification of CTX-M Type ESBL <i>E. coli</i> from Sheep and Their Abattoir Environment Using Whole-Genome Sequencing. <i>Pathogens</i> , 2021, 10, 1480.	2.8	5
68	Molecular Tools To Study Preharvest Food Safety Challenges. <i>Microbiology Spectrum</i> , 2018, 6, .	3.0	4
69	Genomic Characterization of a Nalidixic Acid-Resistant <i>Salmonella enteritidis</i> Strain Causing Persistent Infections in Broiler Chickens. <i>Frontiers in Veterinary Science</i> , 2021, 8, 725737.	2.2	4
70	Risks Associated with Fish and Seafood. , 0, , 123-142.		4
71	Prevalence and Antimicrobial Resistance of <i>Salmonella</i> , <i>E. coli</i> , and <i>Campylobacter</i> in Pigs from Swine Producing States in the United States. , 0, , .		3
72	Understanding the Complexities of Food Safety Using a “One Health” Approach. , 0, , 401-411.		3

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73	Preharvest Farming Practices Impacting Fresh Produce Safety. , 0 , 19-46.		2
74	Preharvest Food Safety in Broiler Chicken Production. , 0 , 69-86.		2
75	Local Food Systems Food Safety Concerns. , 0 , 249-260.		2
76	Reducing Foodborne Pathogen Persistence and Transmission in Animal Production Environments: Challenges and Opportunities. , 0 , 177-203.		1
77	Current Status of the Preharvest Application of Pro- and Prebiotics to Farm Animals to Enhance the Microbial Safety of Animal Products. , 0 , 349-360.		1
78	Toxoplasma gondii as a Parasite in Food: Analysis and Control. , 0 , 227-247.		1
79	Phage Therapy Approaches to Reducing Pathogen Persistence and Transmission in Animal Production Environments: Opportunities and Challenges. , 0 , 289-308.		1
80	Molecular Tools To Study Preharvest Food Safety Challenges. , 0 , 361-382.		0
81	Preharvest Food Safety Under the Influence of a Changing Climate. , 0 , 261-271.		0
82	Introduction to Preharvest Food Safety. , 0 , 1-17.		0
83	Regulatory Issues Associated with Preharvest Food Safety: European Union Perspective. , 0 , 325-347.		0
84	Preharvest Food Safety Challenges in Beef and Dairy Production. , 0 , 47-68.		0
85	Mathematical Modeling Tools to Study Preharvest Food Safety. , 0 , 383-400.		0
86	Egg Safety in the Realm of Preharvest Food Safety. , 0 , 87-104.		0
87	Potential for Meta-Analysis in the Realm of Preharvest Food Safety. , 0 , 273-287.		0
88	Title is missing!. , 2020, 15, e0220484.		0
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