

# Devendra H Shah

## List of Publications by Year in descending order

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68  
papers

2,041  
citations

257450

24  
h-index

254184

43  
g-index

72  
all docs

72  
docs citations

72  
times ranked

2961  
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of Organic Acids by Probiotic Lactobacilli Can Be Used to Reduce Pathogen Load in Poultry. PLoS ONE, 2012, 7, e43928.	2.5	178
2	Transcriptome analysis of <i>Vibrio parahaemolyticus</i> in type III secretion system 1 inducing conditions. Frontiers in Cellular and Infection Microbiology, 2014, 4, 1.	3.9	160
3	Population dynamics and antimicrobial resistance of the most prevalent poultry-associated <i>Salmonella</i> serotypes. Poultry Science, 2017, 96, 687-702.	3.4	122
4	Detection of <i>Bartonella</i> species from ticks, mites and small mammals in Korea. Journal of Veterinary Science, 2005, 6, 327.	1.3	97
5	Identification of <i>Salmonella gallinarum</i> virulence genes in a chicken infection model using PCR-based signature-tagged mutagenesis. Microbiology (United Kingdom), 2005, 151, 3957-3968.	1.8	93
6	Discovery of a Gene Conferring Multiple-Aminoglycoside Resistance in <i>Escherichia coli</i> . Antimicrobial Agents and Chemotherapy, 2010, 54, 2666-2669.	3.2	92
7	Selection Pressure Required for Long-Term Persistence of <i>bla</i> <sub>CMY-2</sub> -Positive IncA/C Plasmids. Applied and Environmental Microbiology, 2011, 77, 4486-4493.	3.1	91
8	Type III secretion system 1 genes in <i>Vibrio parahaemolyticus</i> are positively regulated by ExsA and negatively regulated by ExsD. Molecular Microbiology, 2008, 69, 747-764.	2.5	81
9	Cell invasion of poultry-associated <i>Salmonella enterica</i> serovar Enteritidis isolates is associated with pathogenicity, motility and proteins secreted by the type III secretion system. Microbiology (United Kingdom), 2011, 157, 1428-1445.	1.8	77
10	Rapid differentiation of <i>Mycobacterium bovis</i> and <i>Mycobacterium tuberculosis</i> based on a 12.7-kb fragment by a single tube multiplex-PCR. Veterinary Microbiology, 2005, 109, 211-216.	1.9	65
11	<i>Salmonella</i> Enteritidis Strains from Poultry Exhibit Differential Responses to Acid Stress, Oxidative Stress, and Survival in the Egg Albumen. Foodborne Pathogens and Disease, 2012, 9, 258-264.	1.8	59
12	Transposon Mutagenesis of <i>Salmonella enterica</i> Serovar Enteritidis Identifies Genes That Contribute to Invasiveness in Human and Chicken Cells and Survival in Egg Albumen. Infection and Immunity, 2012, 80, 4203-4215.	2.2	56
13	<i>Campylobacter jejuni</i> invade chicken LMH cells inefficiently and stimulate differential expression of the chicken CXCLi1 and CXCLi2 cytokines. Microbiology (United Kingdom), 2008, 154, 3835-3847.	1.8	54
14	Enhanced resistance to coldwater disease following feeding of probiotic bacterial strains to rainbow trout ( <i>Oncorhynchus mykiss</i> ). Aquaculture, 2011, 321, 185-190.	3.5	50
15	Potential Sources and Transmission of <i>Salmonella</i> and Antimicrobial Resistance in Kampala, Uganda. PLoS ONE, 2016, 11, e0152130.	2.5	49
16	Allele-specific PCR method based on <i>rfbS</i> sequence for distinguishing <i>Salmonella gallinarum</i> from <i>Salmonella pullorum</i> : serotype-specific <i>rfbS</i> sequence polymorphism. Journal of Microbiological Methods, 2005, 60, 169-177.	1.6	41
17	RNA Sequencing Reveals Differences between the Global Transcriptomes of <i>Salmonella enterica</i> Serovar Enteritidis Strains with High and Low Pathogenicities. Applied and Environmental Microbiology, 2014, 80, 896-906.	3.1	39
18	Biofilm forming <i>Salmonella</i> strains exhibit enhanced thermal resistance in wheat flour. Food Control, 2017, 73, 689-695.	5.5	38

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19	A multiplex-PCR for the differentiation of <i>Mycobacterium bovis</i> and <i>Mycobacterium tuberculosis</i> . <i>FEMS Microbiology Letters</i> , 2002, 214, 39-43.	1.8	37
20	Application of freeze-dried <i>Enterococcus faecium</i> NRRL B-2354 in radio-frequency pasteurization of wheat flour. <i>LWT - Food Science and Technology</i> , 2018, 90, 124-131.	5.2	36
21	Urine from Treated Cattle Drives Selection for Cephalosporin Resistant <i>Escherichia coli</i> in Soil. <i>PLoS ONE</i> , 2012, 7, e48919.	2.5	33
22	Detection of <i>Bartonella</i> species from ticks, mites and small mammals in Korea. <i>Journal of Veterinary Science</i> , 2005, 6, 327-34.	1.3	33
23	The <i>Salmonella</i> pathogenicity island 13 contributes to pathogenesis in streptomycin pre-treated mice but not in day-old chickens. <i>Gut Pathogens</i> , 2016, 8, 16.	3.4	29
24	Genetically distinct lineages of <i>Salmonella</i> Typhimurium ST313 and ST19 are present in Brazil. <i>International Journal of Medical Microbiology</i> , 2018, 308, 306-316.	3.6	29
25	Entericidin Is Required for a Probiotic Treatment ( <i>Enterobacter</i> sp. Strain C6-6) To Protect Trout from Cold-Water Disease Challenge. <i>Applied and Environmental Microbiology</i> , 2015, 81, 658-665.	3.1	28
26	Outbreak of <i>Listeria monocytogenes</i> in an urban poultry flock. <i>BMC Veterinary Research</i> , 2013, 9, 204.	1.9	25
27	In vitro and in vivo pathogenicity of <i>Salmonella enteritidis</i> clinical strains isolated from North America. <i>Archives of Microbiology</i> , 2011, 193, 811-821.	2.2	23
28	Effect of <i>metC</i> mutation on <i>Salmonella Gallinarum</i> virulence and invasiveness in 1-day-old White Leghorn chickens. <i>Veterinary Microbiology</i> , 2007, 119, 352-357.	1.9	22
29	Production and Evaluation of Chicken Egg-Yolk-Derived Antibodies Against <i>Campylobacter jejuni</i> Colonization-Associated Proteins. <i>Foodborne Pathogens and Disease</i> , 2013, 10, 624-631.	1.8	19
30	Biochemical Reference Intervals for Backyard Hens. , 2018, 32, 301.		19
31	An Allele-Specific PCR Assay for the Rapid and Serotype-Specific Detection of <i>Salmonella Pullorum</i> . <i>Avian Diseases</i> , 2005, 49, 558-561.	1.0	17
32	MLVA typing reveals higher genetic homogeneity among <i>S. Enteritidis</i> strains isolated from food, humans and chickens in Brazil in comparison to the North American Strains. <i>International Journal of Food Microbiology</i> , 2013, 162, 174-181.	4.7	17
33	Contribution of <i>Salmonella Enteritidis</i> virulence factors to intestinal colonization and systemic dissemination in 1-day-old chickens. <i>Poultry Science</i> , 2014, 93, 871-881.	3.4	17
34	Differences in antimicrobial activity of chlorine against twelve most prevalent poultry-associated <i>Salmonella</i> serotypes. <i>Food Microbiology</i> , 2017, 64, 202-209.	4.2	17
35	Evaluation of passive immunotherapeutic efficacy of hyperimmunized egg yolk powder against intestinal colonization of <i>Campylobacter jejuni</i> in chickens. <i>Poultry Science</i> , 2014, 93, 2779-2787.	3.4	16
36	Biosolids and Tillage Practices Influence Soil Bacterial Communities in Dryland Wheat. <i>Microbial Ecology</i> , 2019, 78, 737-752.	2.8	16

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37	Dimethyl Adenosine Transferase (KsgA) Deficiency in <i>Salmonella enterica</i> Serovar Enteritidis Confers Susceptibility to High Osmolarity and Virulence Attenuation in Chickens. <i>Applied and Environmental Microbiology</i> , 2013, 79, 7857-7866.	3.1	15
38	The occurrence of <i>Salmonella</i> , extended-spectrum $\beta$ -lactamase producing <i>Escherichia coli</i> and carbapenem resistant non-fermenting Gram-negative bacteria in a backyard poultry flock environment. <i>Zoonoses and Public Health</i> , 2020, 67, 742-753.	2.2	11
39	Preharvest Food Safety for <i>Escherichia coli</i> O157 and Other Pathogenic Shiga Toxin-Producing Strains. <i>Microbiology Spectrum</i> , 2014, 2, .	3.0	10
40	Virulence and Metabolic Characteristics of <i>Salmonella enterica</i> Serovar Enteritidis Strains with Different <i>sefD</i> Variants in Hens. <i>Applied and Environmental Microbiology</i> , 2012, 78, 6405-6412.	3.1	9
41	Genomic organization and role of SPI-13 in nutritional fitness of <i>Salmonella</i> . <i>International Journal of Medical Microbiology</i> , 2018, 308, 1043-1052.	3.6	9
42	Complete Genome Sequence of a Ciprofloxacin-Resistant <i>Salmonella enterica</i> subsp. <i>enterica</i> Serovar Kentucky Sequence Type 198 Strain, PU131, Isolated from a Human Patient in Washington State. <i>Genome Announcements</i> , 2018, 6, .	0.8	9
43	Changes in cellular structure of heat-treated <i>Salmonella</i> in low-moisture environments. <i>Journal of Applied Microbiology</i> , 2020, 129, 434-442.	3.1	8
44	Comparative efficacy of spray-dried plasma and bacitracin methylene disalicylate in reducing cecal colonization by <i>Salmonella</i> Enteritidis in broiler chickens. <i>Poultry Science</i> , 2021, 100, 101134.	3.4	8
45	Molecular fingerprinting of clinical isolates of <i>Mycobacterium bovis</i> and <i>Mycobacterium tuberculosis</i> from India by restriction fragment length polymorphism (RFLP). <i>Journal of Veterinary Science</i> , 2004, 5, 331-5.	1.3	8
46	Identification of common highly expressed genes of <i>Salmonella</i> Enteritidis by in silico prediction of gene expression and in vitro transcriptomic analysis. <i>Poultry Science</i> , 2019, 98, 2948-2963.	3.4	7
47	High-Resolution Comparative Genomics of <i>Salmonella</i> Kentucky Aids Source Tracing and Detection of ST198 and ST152 Lineage-Specific Mutations. <i>Frontiers in Sustainable Food Systems</i> , 2021, 5, .	3.9	7
48	Identification of new CpG oligodeoxynucleotide motifs that induce expression of interleukin-1 $\beta$ and nitric oxide in avian macrophages. <i>Veterinary Immunology and Immunopathology</i> , 2017, 192, 1-7.	1.2	6
49	Quality changes in chicken livers during cooking. <i>Poultry Science</i> , 2021, 100, 101316.	3.4	6
50	SURVEILLANCE FOR AN EMERGENT HOOF DISEASE IN ELK ( <i>CERVUS ELAPHUS</i> ) IN THE US PACIFIC WEST SUPPLEMENTED BY 16S RRNA GENE AMPLICON SEQUENCING. <i>Journal of Wildlife Diseases</i> , 2022, 58, .	0.8	6
51	Challenges Associated with Heterologous Expression of <i>Flavobacterium psychrophilum</i> Proteins in <i>Escherichia coli</i> . <i>Marine Biotechnology</i> , 2008, 10, 719-730.	2.4	5
52	Metabolic parameters linked by phenotype microarray to acid resistance profiles of poultry-associated <i>Salmonella enterica</i> . <i>Research in Microbiology</i> , 2016, 167, 745-756.	2.1	5
53	Genetic Basis of <i>Salmonella</i> Enteritidis Pathogenesis in Chickens. , 2017, , 187-208.		5
54	Occurrence of potentially zoonotic and cephalosporin resistant enteric bacteria among shelter dogs in the Central and South-Central Appalachia. <i>BMC Veterinary Research</i> , 2021, 17, 313.	1.9	5

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55	Control of Fowl Typhoid Using Tissue Culture Medium Waste After Harvest of Korean Wild Ginseng ( <i>Panax ginseng</i> ). <i>Journal of Applied Poultry Research</i> , 2005, 14, 455-462.	1.2	4
56	Dimethyl adenosine transferase (KsgA) contributes to cell-envelope fitness in <i>Salmonella</i> Enteritidis. <i>Microbiological Research</i> , 2018, 216, 108-119.	5.3	4
57	Recovery of <i>Salmonella enterica</i> serovar Enteritidis from hens initially infected with serovar Kentucky. <i>Food Chemistry</i> , 2015, 189, 86-92.	8.2	3
58	Global transcriptional profiling of tyramine and d-glucuronic acid catabolism in <i>Salmonella</i> . <i>International Journal of Medical Microbiology</i> , 2020, 310, 151452.	3.6	3
59	Transcriptional Profiling of a Cross-Protective <i>Salmonella enterica</i> serovar Typhimurium UK-1 dam Mutant Identifies a Set of Genes More Transcriptionally Active Compared to Wild-Type, and Stably Transcribed across Biologically Relevant Microenvironments. <i>Pathogens</i> , 2014, 3, 417-436.	2.8	2
60	Draft Genome Sequences of 11 <i>Salmonella enterica</i> Serovar Typhimurium Strains Isolated from Human Systemic and Nonsystemic Sites in Brazil. <i>Genome Announcements</i> , 2018, 6, .	0.8	2
61	Water sorption characteristics of freeze-dried bacteria in low-moisture foods. <i>International Journal of Food Microbiology</i> , 2022, 362, 109494.	4.7	2
62	Phenelzine and Amoxapine Inhibit Tyramine and d-Glucuronic Acid Catabolism in Clinically Significant <i>Salmonella</i> in A Serotype-Independent Manner. <i>Pathogens</i> , 2021, 10, 469.	2.8	1
63	AT Homopolymer Strings in <i>Salmonella enterica</i> Subspecies I Contribute to Speciation and Serovar Diversity. <i>Microorganisms</i> , 2021, 9, 2075.	3.6	1
64	Cloning and Expression of 51-kDa Antigenic Protein of <i>Neorickettsia risticii</i> NR-JA1. <i>Annals of the New York Academy of Sciences</i> , 2005, 1063, 246-251.	3.8	0
65	Draft Genome Sequences of 12 Clinical and Environmental Methicillin-Resistant <i>Staphylococcus pseudintermedius</i> Strains Isolated from a Veterinary Teaching Hospital in Washington State. <i>Genome Announcements</i> , 2018, 6, .	0.8	0
66	Preharvest Food Safety for <i>Escherichia coli</i> O157 and Other Pathogenic Shiga Toxin-Producing Strains. , 0, , 419-436.		0
67	Biochemical Reference Intervals for Backyard Hens. , 2018, 32, 301.		0
68	A multiplex-PCR for the differentiation of <i>Mycobacterium bovis</i> and <i>Mycobacterium tuberculosis</i> . <i>FEMS Microbiology Letters</i> , 2002, 214, 39-43.	1.8	0