

Abhinav Upadhyay

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,253
citations

361045

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377514

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all docs

46
docs citations

46
times ranked

1436
citing authors

#	ARTICLE	IF	CITATIONS
1	Combating Pathogenic Microorganisms Using Plant-Derived Antimicrobials: A Minireview of the Mechanistic Basis. <i>BioMed Research International</i> , 2014, 2014, 1-18.	0.9	142
2	Antibiofilm effect of plant derived antimicrobials on <i>Listeria monocytogenes</i> . <i>Food Microbiology</i> , 2013, 36, 79-89.	2.1	132
3	Plant-derived antimicrobials reduce <i>Listeria monocytogenes</i> virulence factors in vitro, and down-regulate expression of virulence genes. <i>International Journal of Food Microbiology</i> , 2012, 157, 88-94.	2.1	79
4	Carvacrol and trans-Cinnamaldehyde Reduce <i>Clostridium difficile</i> Toxin Production and Cytotoxicity in Vitro. <i>International Journal of Molecular Sciences</i> , 2014, 15, 4415-4430.	1.8	52
5	Trans-Cinnamaldehyde, Carvacrol, and Eugenol Reduce <i>Campylobacter jejuni</i> Colonization Factors and Expression of Virulence Genes in Vitro. <i>Frontiers in Microbiology</i> , 2017, 8, 713.	1.5	52
6	Trans-Cinnamaldehyde, Eugenol and Carvacrol Reduce <i>Campylobacter jejuni</i> Biofilms and Modulate Expression of Select Genes and Proteins. <i>Frontiers in Microbiology</i> , 2019, 10, 1837.	1.5	47
7	Effect of Plant Derived Antimicrobials on <i>Salmonella Enteritidis</i> Adhesion to and Invasion of Primary Chicken Oviduct Epithelial Cells in vitro and Virulence Gene Expression. <i>International Journal of Molecular Sciences</i> , 2013, 14, 10608-10625.	1.8	46
8	Review of Antibiotic Resistance, Ecology, Dissemination, and Mitigation in U.S. Broiler Poultry Systems. <i>Frontiers in Microbiology</i> , 2019, 10, 2639.	1.5	43
9	In-Feed Supplementation of <i>trans</i> -Cinnamaldehyde Reduces Layer-Chicken Egg-Borne Transmission of <i>Salmonella enterica</i> Serovar Enteritidis. <i>Applied and Environmental Microbiology</i> , 2015, 81, 2985-2994.	1.4	42
10	Application of $\hat{1}^2$ -Resorcylic Acid as Potential Antimicrobial Feed Additive to Reduce <i>Campylobacter</i> Colonization in Broiler Chickens. <i>Frontiers in Microbiology</i> , 2017, 08, 599.	1.5	41
11	Rapid inactivation of <i>Salmonella Enteritidis</i> on shell eggs by plant-derived antimicrobials. <i>Poultry Science</i> , 2013, 92, 3228-3235.	1.5	38
12	Inhibiting Microbial Toxins Using Plant-Derived Compounds and Plant Extracts. <i>Medicines (Basel)</i> , 2019, 10, 1837.	0.7	36
13	Efficacy of plant-derived compounds combined with hydrogen peroxide as antimicrobial wash and coating treatment for reducing <i>Listeria monocytogenes</i> on cantaloupes. <i>Food Microbiology</i> , 2014, 44, 47-53.	2.1	35
14	Pectin or chitosan coating fortified with eugenol reduces <i>Campylobacter jejuni</i> chicken wingettes and modulates expression of critical survival genes. <i>Poultry Science</i> , 2019, 98, 1461-1471.	1.5	34
15	Potentiating the Heat Inactivation of <i>Escherichia coli</i> O157:H7 in Ground Beef Patties by Natural Antimicrobials. <i>Frontiers in Microbiology</i> , 2016, 7, 15.	1.5	33
16	Efficacy of Plant-Derived Antimicrobials as Antimicrobial Wash Treatments for Reducing Enterohemorrhagic <i>Escherichia Coli</i> O157:H7 on Apples. <i>Journal of Food Science</i> , 2013, 78, M1399-404.	1.5	31
17	Effect of therapeutic supplementation of the plant compounds trans-cinnamaldehyde and eugenol on <i>Salmonella enterica</i> serovar Enteritidis colonization in market-age broiler chickens. <i>Journal of Applied Poultry Research</i> , 2012, 21, 816-822.	0.6	29
18	Inactivation of <i>Listeria monocytogenes</i> on frankfurters by plant-derived antimicrobials alone or in combination with hydrogen peroxide. <i>International Journal of Food Microbiology</i> , 2013, 163, 114-118.	2.1	25

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19	Control of <i>Listeria monocytogenes</i> on skinless frankfurters by coating with phytochemicals. <i>LWT - Food Science and Technology</i> , 2015, 63, 37-42.	2.5	23
20	Eugenol in combination with lactic acid bacteria attenuates <i>Listeria monocytogenes</i> virulence in vitro and in invertebrate model <i>Galleria mellonella</i> . <i>Journal of Medical Microbiology</i> , 2016, 65, 443-455.	0.7	23
21	Sodium Butyrate Reduces <i>Salmonella</i> Enteritidis Infection of Chicken Enterocytes and Expression of Inflammatory Host Genes in vitro. <i>Frontiers in Microbiology</i> , 2020, 11, 553670.	1.5	21
22	In vivo efficacy of trans-cinnamaldehyde, carvacrol, and thymol in attenuating <i>Listeria monocytogenes</i> infection in a <i>Galleria mellonella</i> model. <i>Journal of Natural Medicines</i> , 2016, 70, 667-672.	1.1	19
23	Protective Effect of Carvacrol against Gut Dysbiosis and <i>Clostridium difficile</i> Associated Disease in a Mouse Model. <i>Frontiers in Microbiology</i> , 2017, 8, 625.	1.5	18
24	Carvacrol antimicrobial wash treatments reduce <i>Campylobacter jejuni</i> and aerobic bacteria on broiler chicken skin. <i>Poultry Science</i> , 2019, 98, 4073-4083.	1.5	18
25	Î ² -Resorcylic Acid, a Phytophenolic Compound, Reduces <i>Campylobacter jejuni</i> in Postharvest Poultry. <i>Journal of Food Protection</i> , 2017, 80, 1243-1251.	0.8	17
26	Carvacrol attenuates <i>Campylobacter jejuni</i> colonization factors and proteome critical for persistence in the chicken gut. <i>Poultry Science</i> , 2020, 99, 4566-4577.	1.5	17
27	Edible Coatings Fortified With Carvacrol Reduce <i>Campylobacter jejuni</i> on Chicken Wingettes and Modulate Expression of Select Virulence Genes. <i>Frontiers in Microbiology</i> , 2019, 10, 583.	1.5	15
28	Reducing Colonization and Eggborne Transmission of <i>Salmonella</i> Enteritidis in Layer Chickens by In-Feed Supplementation of Caprylic Acid. <i>Foodborne Pathogens and Disease</i> , 2015, 12, 591-597.	0.8	14
29	Eugenol as an antimicrobial wash treatment reduces <i>Campylobacter jejuni</i> in postharvest poultry. <i>Journal of Food Safety</i> , 2019, 39, e12704.	1.1	14
30	Efficacy of fumigation with Trans-cinnamaldehyde and eugenol in reducing <i>Salmonella enterica</i> serovar Enteritidis on embryonated egg shells. <i>Poultry Science</i> , 2015, 94, 1685-1690.	1.5	12
31	Inactivation of <i>Listeria monocytogenes</i> , <i>Salmonella</i> spp. and <i>Escherichia coli</i> O157:H7 on cantaloupes by octenidine dihydrochloride. <i>Food Microbiology</i> , 2016, 58, 121-127.	2.1	12
32	Inhibition and Inactivation of <i>Escherichia coli</i> O157:H7 Biofilms by Selenium. <i>Journal of Food Protection</i> , 2018, 81, 926-933.	0.8	12
33	Efficacy of Octenidine Hydrochloride for Reducing <i>Escherichia coli</i> O157:H7, <i>Salmonella</i> spp., and <i>Listeria monocytogenes</i> on Cattle Hides. <i>Applied and Environmental Microbiology</i> , 2012, 78, 4538-4541.	1.4	10
34	Inactivation of <i>Escherichia coli</i> O157:H7 on Cattle Hides by Caprylic Acid and Î ² -Resorcylic Acid. <i>Journal of Food Protection</i> , 2013, 76, 318-322.	0.8	10
35	Chitosan Supplementation Reduces Enteric Colonization of <i>Campylobacter jejuni</i> in Broiler Chickens and Down-Regulates Expression of Colonization Genes. <i>Advanced in Food Technology and Nutritional Sciences - Open Journal</i> , 2015, 1, 104-111.	0.9	10
36	Meat quality characteristics of fast-growing broilers reared under different types of pasture management: Implications for organic and alternative production systems (Part II). <i>Journal of Applied Poultry Research</i> , 2018, 27, 215-222.	0.6	8

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37	Sodium butyrate modulates chicken macrophage proteins essential for Salmonella Enteritidis invasion. PLoS ONE, 2021, 16, e0250296.	1.1	8
38	Effect of Dietary Minerals on Virulence Attributes of Vibrio cholerae. Frontiers in Microbiology, 2017, 8, 911.	1.5	7
39	Natural and Environmentally Friendly Strategies for Controlling Campylobacter jejuni Colonization in Poultry, Survival in Poultry Products and Infection in Humans. , 2019, , 67-93.		6
40	Bigheaded Carp-Based Meal as a Sustainable and Natural Source of Methionine in Feed for Ecological and Organic Poultry Production. Journal of Applied Poultry Research, 2019, 28, 1131-1142.	0.6	6
41	Nanoemulsified Carvacrol as a Novel Washing Treatment Reduces Escherichia coli O157:H7 on Spinach and Lettuce. Journal of Food Protection, 2021, 84, 2163-2173.	0.8	5
42	Coagulase gene-based typing of Staphylococcus aureus from mastitic cattle and goats from arid region in India. Comparative Clinical Pathology, 2012, 21, 605-610.	0.3	4
43	Draft Genome Sequences of Campylobacter jejuni Strains Isolated from Poultry. Microbiology Resource Announcements, 2020, 9, .	0.3	3
44	Applications of "Omics" Technologies to Study Gut Health in Poultry. , 2019, , 211-234.		2
45	Application of natural antimicrobial coating for controlling food-borne pathogens on meat and fresh produce. , 2021, , 321-345.		2
46	The Effects of Environmental Conditions and External Treatments on Virulence of Foodborne Pathogens. , 2017, , 305-332.		0