

Phytochemicals as antibiotic alternatives to promote growth

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Effects of supplementing broiler diets with coriander seed powder on growth performance, blood haematology, ileum microflora and economic efficiency. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 1474-1483.	1.0	14
2	Effect of Manitoba-Grown Red-Osier Dogwood Extracts on Recovering Caco-2 Cells from H ₂ O ₂ -Induced Oxidative Damage. <i>Antioxidants</i> , 2019, 8, 250.	2.2	20
3	In Vitro Antimicrobial Activities of Organic Acids and Their Derivatives on Several Species of Gram-Negative and Gram-Positive Bacteria. <i>Molecules</i> , 2019, 24, 3770.	1.7	72
4	Dietary phytochemicals and galactomannan oligosaccharides in low fish meal and fish oil-based diets for European sea bass (<i>Dicentrarchus labrax</i>) juveniles: Effects on gut health and implications on in vivo gut bacterial translocation. <i>PLoS ONE</i> , 2019, 14, e0222063.	1.1	34
5	Essential Oils. , 2019, , 157-173.		2
6	Evaluation of a <i>Rhodomyrtus tomentosa</i> ethanolic extract for its therapeutic potential on <i>Staphylococcus aureus</i> infections using in vitro and in vivo models of mastitis. <i>Veterinary Research</i> , 2019, 50, 49.	1.1	21
7	Optimizing ruminant production systems for sustainable intensification, human health, food security and environmental stewardship. <i>Outlook on Agriculture</i> , 2019, 48, 85-93.	1.8	9
8	Nutritional Intervention for the Intestinal Development and Health of Weaned Pigs. <i>Frontiers in Veterinary Science</i> , 2019, 6, 46.	0.9	111
9	Dietary Antibiotic Growth Promoters Down-Regulate Intestinal Inflammatory Cytokine Expression in Chickens Challenged With LPS or Co-infected With <i>Eimeria maxima</i> and <i>Clostridium perfringens</i> . <i>Frontiers in Veterinary Science</i> , 2019, 6, 420.	0.9	30
10	Dietary Supplementation With Citrus Extract Altered the Intestinal Microbiota and Microbial Metabolite Profiles and Enhanced the Mucosal Immune Homeostasis in Yellow-Feathered Broilers. <i>Frontiers in Microbiology</i> , 2019, 10, 2662.	1.5	31
11	Evaluation of Ascorbic Acid or Curcumin Formulated in a Solid Dispersion on <i>Salmonella</i> Enteritidis Infection and Intestinal Integrity in Broiler Chickens. <i>Pathogens</i> , 2019, 8, 229.	1.2	15
12	Strategic Priorities for Research on Antibiotic Alternatives in Animal Agriculture—Results From an Expert Workshop. <i>Frontiers in Veterinary Science</i> , 2019, 6, 429.	0.9	14
13	Effects of a bioactive olive pomace extract from <i>Olea europaea</i> on growth performance, gut function, and intestinal microbiota in broiler chickens. <i>Poultry Science</i> , 2020, 99, 2-10.	1.5	45
14	Consumption of a Natural High-Intensity Sweetener Enhances Activity and Expression of Rabbit Intestinal Na ⁺ /Glucose Cotransporter 1 (SGLT1) and Improves Colibacillosis-Induced Enteric Disorders. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 441-450.	2.4	9
15	Phytochemical Additives Can Modulate Rumen Microbiome to Mediate Fermentation Kinetics and Methanogenesis Through Exploiting Diet-Microbe Interaction. <i>Frontiers in Veterinary Science</i> , 2020, 7, 575801.	0.9	56
17	A Role for the Microbiota in the Immune Phenotype Alteration Associated with the Induction of Disease Tolerance and Persistent Asymptomatic Infection of <i>Salmonella</i> in the Chicken. <i>Microorganisms</i> , 2020, 8, 1879.	1.6	6
18	A Pilot Safety Assessment for Recombinant <i>Epinephelus lanceolatus</i> Piscidin Yeast Powder as a Drug Food Additive after Subacute and Subchronic Administration to SD Rats. <i>Marine Drugs</i> , 2020, 18, 586.	2.2	0
19	Country Income Is Only One of the Tiles: The Global Journey of Antimicrobial Resistance among Humans, Animals, and Environment. <i>Antibiotics</i> , 2020, 9, 473.	1.5	19

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20	Modulation of Gut Flora and Its Application in Food Animal Products. , 2020, , 251-273.		0
21	Gut Microbiota-Polyphenol Interactions in Chicken: A Review. <i>Animals</i> , 2020, 10, 1391.	1.0	45
22	Antioxidant Activity of Flavonoids in LPS-Treated IPEC-J2 Porcine Intestinal Epithelial Cells and Their Antibacterial Effect against Bacteria of Swine Origin. <i>Antioxidants</i> , 2020, 9, 1267.	2.2	13
23	<i>Eucommia ulmoides</i> Flavones as Potential Alternatives to Antibiotic Growth Promoters in a Low-Protein Diet Improve Growth Performance and Intestinal Health in Weaning Piglets. <i>Animals</i> , 2020, 10, 1998.	1.0	11
24	Green Tea and Pomegranate Extract Administered During Critical Moments of the Production Cycle Improves Blood Antiradical Activity and Alters Cecal Microbial Ecology of Broiler Chickens. <i>Animals</i> , 2020, 10, 785.	1.0	12
25	Dietary supplementation with citrus extract alters the plasma parameters, circulating amino acid profiles and gene expression of small intestinal nutrient transporters in Chinese yellowâ€feathered broilers. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 5126-5135.	1.7	3
26	Unraveling the anti-biofilm potential of green algal sulfated polysaccharides against <i>Salmonella enterica</i> and <i>Vibrio harveyi</i> . <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 6299-6314.	1.7	23
27	Effects of omega-3 fatty acids on immune, health and growth variables in veal calves. <i>Preventive Veterinary Medicine</i> , 2020, 179, 104979.	0.7	3
28	Natural compounds modulate the crosstalk between apoptosis- and autophagy-regulated signaling pathways: Controlling the uncontrolled expansion of tumor cells. <i>Seminars in Cancer Biology</i> , 2022, 80, 218-236.	4.3	37
29	Whole Genome Sequencing Analysis of Porcine Faecal Commensal <i>Escherichia coli</i> Carrying Class 1 Integrons from Sows and Their Offspring. <i>Microorganisms</i> , 2020, 8, 843.	1.6	22
30	Dietary Supplementation With <i>Bacillus subtilis</i> Direct-Fed Microbials Alters Chicken Intestinal Metabolite Levels. <i>Frontiers in Veterinary Science</i> , 2020, 7, 123.	0.9	25
31	Effects of antibiotic replacement with garlic powder and probiotic on performance, carcass characteristics, oxidative enzymes and intestinal morphology of broiler chickens. <i>Acta Scientiarum - Animal Sciences</i> , 0, 42, e48734.	0.3	5
32	Antibacterial Activity of Four Plant Extracts Extracted from Traditional Chinese Medicinal Plants against <i>Listeria monocytogenes</i> , <i>Escherichia coli</i> , and <i>Salmonella enterica</i> subsp. <i>enterica</i> serovar <i>Enteritidis</i> . <i>Microorganisms</i> , 2020, 8, 962.	1.6	12
33	Antibiotics promote abdominal fat accumulation in broilers. <i>Animal Science Journal</i> , 2020, 91, e13326.	0.6	9
34	Diet Supplementation with a Bioactive Pomace Extract from <i>Olea europaea</i> Partially Mitigates Negative Effects on Gut Health Arising from a Short-Term Fasting Period in Broiler Chickens. <i>Animals</i> , 2020, 10, 349.	1.0	6
35	Single components of botanicals and nature-identical compounds as a non-antibiotic strategy to ameliorate health status and improve performance in poultry and pigs. <i>Nutrition Research Reviews</i> , 2020, 33, 218-234.	2.1	60
36	Herbs and aromatic plants as feed additives. , 2020, , 35-56.		10
37	Dietary Supplementation With <i>Magnolia Bark</i> Extract Alters Chicken Intestinal Metabolite Levels. <i>Frontiers in Veterinary Science</i> , 2020, 7, 157.	0.9	8

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39	Protective effects of the phytogenic feed additive "comfort" on growth performance via modulation of hypothalamic feeding- and drinking-related neuropeptides in cyclic heat-stressed broilers. Domestic Animal Endocrinology, 2021, 74, 106487.	0.8	15
40	Fabrication of an electrochemical sensor with Au nanorods-graphene oxide hybrid nanocomposites for in situ measurement of cloxacillin. Materials Science and Engineering C, 2021, 118, 111317.	3.8	18
41	Supplementing chestnut tannins in the broiler diet mediates a metabolic phenotype of the ceca. Poultry Science, 2021, 100, 47-54.	1.5	9
42	Probiotics in Livestock and Poultry Nutrition and Health. Microorganisms for Sustainability, 2021, , 149-179.	0.4	12
43	Dietary supplementation with berberine improves growth performance and modulates the composition and function of cecal microbiota in yellow-feathered broilers. Poultry Science, 2021, 100, 1034-1048.	1.5	26
44	Nanoemulsion of <i>Minthostachys verticillata</i> essential oil. In-vitro evaluation of its antibacterial activity. Heliyon, 2021, 7, e05896.	1.4	21
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46	Field evaluation of the influence of garlic extract and probiotic cultures on sows and growing pigs. Medycyna Weterynaryjna, 2021, 76, 6447-2021.	0.0	2
47	Supplementation of fruit peel pellet containing phytonutrients to manipulate rumen pH, fermentation efficiency, nutrient digestibility and microbial protein synthesis. Journal of the Science of Food and Agriculture, 2021, 101, 4543-4550.	1.7	11
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49	In Vitro Evaluation of the Activity of Terpenes and Cannabidiol against Human Coronavirus E229. Life, 2021, 11, 290.	1.1	17
50	Clove (<i>Syzygium aromaticum</i>) and its phytochemicals in ruminant feed: an updated review. Rendiconti Lincei, 2021, 32, 273-285.	1.0	16
52	Antioxidant and antibacterial properties of <i>Monodora myristica</i> (Calabash nutmeg) seed protein hydrolysates. Journal of Food Measurement and Characterization, 2021, 15, 2854-2864.	1.6	12
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56	Measures Matter "Determining the True Nutri-Physiological Value of Feed Ingredients for Swine. Animals, 2021, 11, 1259.	1.0	16
57	Effects of Dietary Maltol on Innate Immunity, Gut Health, and Growth Performance of Broiler Chickens Challenged With <i>Eimeria maxima</i> . Frontiers in Veterinary Science, 2021, 8, 667425.	0.9	14

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59	Modelowe badania mikrobiomu ÅwiÅ,, wedÅug koncepcji wspÅ³nego zdrowia âżOne Healthâ€łudzi i zwierzÅ...t. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2021, 75, 297-303.	0.1	0
60	Dietary Phytochemicals and Galactomannan Oligosaccharides in Low Fish Meal and Fish Oil-Based Diets for European Sea Bass (<i>Dicentrarchus labrax</i>) Juveniles: Effects on Gill Structure and Health and Implications on Oxidative Stress Status. <i>Frontiers in Immunology</i> , 2021, 12, 663106.	2.2	12
61	Effects of Vaccination Against Coccidiosis on Gut Microbiota and Immunity in Broiler Fed Bacitracin and Berry Pomace. <i>Frontiers in Immunology</i> , 2021, 12, 621803.	2.2	10
62	Phytochemical composition of <i>Capsicum frutescens</i> and its effect on body weight and carcass yield of Cobb500 broilers. <i>African Journal of Agricultural Research Vol Pp</i> , 2021, 17, 869-874.	0.2	0
63	Exploring the garlic (<i>Allium sativum</i>) properties for fish aquaculture. <i>Fish Physiology and Biochemistry</i> , 2021, 47, 1179-1198.	0.9	27
64	Oral Delivery of <i>Bacillus subtilis</i> Expressing Chicken NK-2 Peptide Protects Against <i>Eimeria acervulina</i> Infection in Broiler Chickens. <i>Frontiers in Veterinary Science</i> , 2021, 8, 684818.	0.9	21
65	Veterinary Phytomedicine in India : A Review. <i>International Journal of Scientific Research in Science and Technology</i> , 2021, , 598-605.	0.1	12
66	Bioactive molecules from plants: a prospective approach to combat SARS-CoV-2. <i>Advances in Traditional Medicine</i> , 2023, 23, 617-630.	1.0	6
67	Beneficial Effects of Organosulfur Compounds from <i>Allium cepa</i> on Gut Health: A Systematic Review. <i>Foods</i> , 2021, 10, 1680.	1.9	28
68	A Microencapsulated Mixture of Eugenol and Garlic Tincture Supplementation Mitigates the Effect of Necrotic Enteritis on Intestinal Integrity and Increases Goblet Cells in Broilers. <i>Microorganisms</i> , 2021, 9, 1451.	1.6	6
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75	Effects of Ferulic Acid Supplementation on Growth Performance, Carcass Traits and Histochemical Characteristics of Muscle Fibers in Finishing Pigs. <i>Animals</i> , 2021, 11, 2455.	1.0	5
76	Productive Performance, Carcass Traits, and Meat Quality in Finishing Lambs Supplemented with a Polyherbal Mixture. <i>Agriculture (Switzerland)</i> , 2021, 11, 942.	1.4	11
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78	Ferulic acid in animal feeding: Mechanisms of action, productive benefits, and future perspectives in meat production. <i>Food Bioscience</i> , 2021, 43, 101247.	2.0	10
79	Role of herbal products in animal production – An updated review. <i>Journal of Ethnopharmacology</i> , 2021, 278, 114246.	2.0	60
80	Natural and synthetic plant compounds as anti-biofilm agents against <i>Escherichia coli</i> O157:H7 biofilm. <i>Infection, Genetics and Evolution</i> , 2021, 95, 105055.	1.0	15
81	Effect of dietary black cumin seed (<i>Nigella sativa</i>) on performance, immune status, and serum metabolites of small ruminants: A meta-analysis. <i>Small Ruminant Research</i> , 2021, 204, 106521.	0.6	10
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86	The Munkoyo Root: Traditional Uses, Biochemistry, Fermentation, and Potential Cultivation. <i>ACS Symposium Series</i> , 2020, , 81-99.	0.5	2
87	Dietary phytonutrients and animal health: regulation of immune function during gastrointestinal infections. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	23
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91	Pros and Cons of Nano-Materials as Mineral Supplements in Poultry Feed. <i>Sustainable Agriculture Reviews</i> , 2021, , 263-315.	0.6	0
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93	Potential of a mixture of eugenol and garlic tincture to improve performance and intestinal health in broilers under necrotic enteritis challenge. <i>Animal Nutrition</i> , 2022, 8, 26-37.	2.1	12
95	Desenvolvimento de iogurte tipo “saudável”-sabor jaboticaba (<i>Myrciaria jaboticaba</i> (Vell) Berg) com adição de fibras. <i>Research, Society and Development</i> , 2020, 9, e214996662.	0.0	1
96	An Agricultural Perspective for Combating Antibiotic Resistance: A Literature Review. , 2020, 4, 1-10.		0

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98	Effects of microencapsulated essential oils on growth performance and biomarkers of inflammation in broiler chickens challenged with salmonella enteritidis. Journal of the Saudi Society of Agricultural Sciences, 2022, 21, 349-357.	1.0	7
99	Namibian Plants Used in the Treatment of Malaria and Associated Symptoms. ACS Symposium Series, 2020, , 45-66.	0.5	1
102	Ethnobotany, Chemistry, and Pharmacology of African <i>Nepeta</i> Species. ACS Symposium Series, 2020, , 219-236.	0.5	2
103	The Rise and Fall of <i>Hoodia</i> : A Lesson on the Art and Science of Natural Product Commercialization. ACS Symposium Series, 2020, , 313-324.	0.5	1
104	Essential Oil Composition of Aerial Parts of <i>Tetradenia nervosa</i> Codd and <i>Tetradenia cordata</i> Phillipson, Endemics to Madagascar. ACS Symposium Series, 2020, , 275-284.	0.5	0
105	African Nightshades: Recent Advances on the Phytochemistry, Nutrition, and Toxicity. ACS Symposium Series, 2020, , 103-137.	0.5	1
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109	5-HTP (5-Hydroxy-L-tryptophan) Content and Antioxidant Capacities of Wild <i>Griffonia simplicifolia</i> Seed Populations from Ghana and Liberia. ACS Symposium Series, 2020, , 239-247.	0.5	0
110	Model research of the pig's microbiome based on "one health" concept in the light of the shared human and animal health. Postępy Higieny i Medycyny Doswiadczonej, 2020, 74, 1-10.	0.1	0
111	Phytochemical Profiles and Antidiarrheal Properties of Medicinal Plants of Northern Namibia. ACS Symposium Series, 2020, , 67-79.	0.5	0
112	An Improved Analytical Method for Dhurrin Analysis in <i>Sorghum bicolor</i> . ACS Symposium Series, 2020, , 265-273.	0.5	1
113	Biological Activities and Chemistry of Secondary Metabolites of Grains of Paradise (<i>Aframomum</i>)	0.5	0
115	Chemical Composition and Antimicrobial Activity of Leaf Essential Oil of <i>Tetradenia nervosa</i> Codd from Madagascar, Collected at Different Stages of Vegetative Growth and Age. ACS Symposium Series, 2020, , 285-296.	0.5	1
116	Chemical Composition and Inhibitory Effects of <i>Guibourtia coleosperma</i> against Plasmodium Parasites In Vitro. ACS Symposium Series, 2020, , 153-170.	0.5	1
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118	Traditional Botanical Uses of Non-Timber Forest Products (NTFP) in Seven Counties in Liberia. ACS Symposium Series, 2020, , 3-43.	0.5	4

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119	Anti-Infective Plants Used for Lactation and Postpartum Recovery: Exploration of a Sub-Saharanâ€œNorth African Dichotomy. ACS Symposium Series, 2020, , 179-218.	0.5	1
120	Flavone C-Glycosides and Total Antioxidant Capacities in Leaves of Eight Wild<i>Griffonia simplicifolia</i> Populations. ACS Symposium Series, 2020, , 249-264.	0.5	0
121	Influence of Brassica spp. rapeseed and canola meal, and supplementation of bioactive compound (AITC) on growth performance, intestinal-permeability, oocyst shedding, lesion score, histomorphology, and gene expression of broilers challenged with E. maxima. Poultry Science, 2022, 101, 101583.	1.5	8
123	Critical discussion of the current environmental risk assessment (ERA) of veterinary medicinal products (VMPs) in the European Union, considering changes in animal husbandry. Environmental Sciences Europe, 2021, 33, .	2.6	4
124	Potential Replacements for Antibiotic Growth Promoters in Poultry: Interactions at the Gut Level and Their Impact on Host Immunity. Advances in Experimental Medicine and Biology, 2022, 1354, 145-159.	0.8	6
125	Scientific And Economic Justification Of Application Of Symbiotic Polycomponent Fodder Additive In Feeding High Productive Cows. IOP Conference Series: Earth and Environmental Science, 2021, 901, 012026.	0.2	4
126	Effects of Dietary Ginsenoside Rg1 Supplementation on Growth Performance, Gut Health, and Serum Immunity in Broiler Chickens. Frontiers in Nutrition, 2021, 8, 705279.	1.6	6
128	Effect of a Carotenoid Extract from Citrus reticulata By-Products on the Immune-Oxidative Status of Broilers. Antioxidants, 2022, 11, 144.	2.2	9
129	Role of Physiology, Immunity, Microbiota, and Infectious Diseases in the Gut Health of Poultry. Vaccines, 2022, 10, 172.	2.1	50
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134	Plant Secondary Metabolites in Antiviral Applications. , 2022, , 459-482.		3
135	Grape (Vitis vinifera) Biowastes: Applications in Egg, Meat and Dairy Production and Products. , 2022, , 467-504.		1
136	Optimization of Emulsification Conditions on Ethanol Extract of Taiwanese Green Propolis Using Polysorbate and Its Immunomodulatory Effects in Broilers. Animals, 2022, 12, 446.	1.0	7
137	Porcine and Chicken Intestinal Epithelial Cell Models for Screening Phytogetic Feed Additivesâ€œChances and Limitations in Use as Alternatives to Feeding Trials. Microorganisms, 2022, 10, 629.	1.6	5
138	Effect of Lycopene on the Growth Performance, Antioxidant Enzyme Activity, and Expression of Gene in the Keap1-Nrf2 Signaling Pathway of Arbor Acres Broilers. Frontiers in Veterinary Science, 2022, 9, 833346.	0.9	11
139	Influence of ferulic acid and clinoptilolite supplementation on growth performance, carcass, meat quality, and fatty acid profile of finished lambs. Journal of Animal Science and Technology, 2022, 64, 274-290.	0.8	4
140	Efficacy of Flavonoids in Combating Fluconazole Resistant Oral Candidiasis. Current Pharmaceutical Design, 2022, 28, 1703-1713.	0.9	1

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141	Energy Values of Brewer's Grains and Olive Pomace Waste for Broiler Chickens Determined Using the Regression Method. <i>Agriculture (Switzerland)</i> , 2022, 12, 444.	1.4	3
142	No-Antibiotic-Pectin-Based Treatment Differently Modified Cloaca Bacteriobiome of Male and Female Broiler Chickens. <i>Agriculture (Switzerland)</i> , 2022, 12, 24.	1.4	6
143	Phytogenic Feed Additives in Poultry: Achievements, Prospective and Challenges. <i>Animals</i> , 2021, 11, 3471.	1.0	47
144	Recent developments in antimicrobial growth promoters in chicken health: Opportunities and challenges. <i>Science of the Total Environment</i> , 2022, 834, 155300.	3.9	22
145	Polyphenolic phytochemicals as natural feed additives to control bacterial pathogens in the chicken gut. <i>Archives of Microbiology</i> , 2022, 204, 253.	1.0	6
146	Positive biofilms to guide surface microbial ecology in livestock buildings. <i>Biofilm</i> , 2022, 4, 100075.	1.5	11
148	<sc>GC</sc> / <sc>MS</sc> characterization and computational kinome-wide screening of pomegranate fruit extract identifies key phytochemicals interacting to <sc>CDK</sc> kinases implicated in acute myeloid leukemia cells. <i>Journal of Food Biochemistry</i> , 2022, 46, e14178.	1.2	1
149	Effects of Supplementation of Seed Extract in Drinking Water on Intestinal Histomorphometry, Bacteriology, and Serum Biochemistry Parameters of Broiler Chicken.. <i>Archives of Razi Institute</i> , 2021, 76, 925-934.	0.4	0
150	The Effects of <i>Agrimonia pilosa</i> Ledeb, <i>Anemone chinensis</i> Bunge, and <i>Smilax glabra</i> Roxb on Broiler Performance, Nutrient Digestibility, and Gastrointestinal Tract Microorganisms. <i>Animals</i> , 2022, 12, 1110.	1.0	1
151	Supplementing a Phytogenic Feed Additive Modulates the Risk of Subacute Rumen Acidosis, Rumen Fermentation and Systemic Inflammation in Cattle Fed Acidogenic Diets. <i>Animals</i> , 2022, 12, 1201.	1.0	12
152	Alicin affects the pharmacokinetics of sulfadiazine and florfenicol by downregulating the expression of jejunum P-gp and BCRP in broilers. <i>Poultry Science</i> , 2022, , 101947.	1.5	0
153	Protective effect of phytogenic plus short and medium-chain fatty acids-based additives in enterotoxigenic <i>Escherichia coli</i> challenged piglets. <i>Veterinary Research Communications</i> , 2023, 47, 217-231.	0.6	8
154	Chia Tohumu ve Probiyotik/ Enzim Ölavesinin Ayrış ve Kombine Olarak Tuj Koyunlar Rasyonlarında Kullanımının Performans, Rumen ve Bazı Kan Parametreleri Üzerine Etkisi. <i>Osmaniye Korkut Ata Üniversitesi Fen Bilimleri Enstitüsü Dergisi</i> , 0, , .	0.2	0
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165	Reciprocal interactions between anthropogenic stressors and insect microbiota. <i>Environmental Science and Pollution Research</i> , 2022, 29, 64469-64488.	2.7	7
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