

Guangtian Cao

List of Publications by Year in descending order

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29
papers

1,326
citations

394421

19
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477307

29
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docs citations

29
times ranked

1386
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of probiotic, <i>Clostridium butyricum</i> , on growth performance, immune function, and cecal microflora in broiler chickens. <i>Poultry Science</i> , 2012, 91, 2121-2129.	3.4	186
2	Effects of dietary supplementation of probiotic, <i>Clostridium butyricum</i> , on growth performance, immune response, intestinal barrier function, and digestive enzyme activity in broiler chickens challenged with <i>Escherichia coli</i> K88. <i>Journal of Animal Science and Biotechnology</i> , 2016, 7, 3.	5.3	140
3	Effects of a probiotic, <i>Enterococcus faecium</i> , on growth performance, intestinal morphology, immune response, and cecal microflora in broiler chickens challenged with <i>Escherichia coli</i> K88. <i>Poultry Science</i> , 2013, 92, 2949-2955.	3.4	131
4	Effect of chito-oligosaccharide on growth performance, intestinal barrier function, intestinal morphology and cecal microflora in weaned pigs ¹ . <i>Journal of Animal Science</i> , 2012, 90, 2671-2676.	0.5	93
5	Effects of <i>Clostridium butyricum</i> and <i>Enterococcus faecalis</i> on growth performance, immune function, intestinal morphology, volatile fatty acids, and intestinal flora in a piglet model. <i>Food and Function</i> , 2019, 10, 7844-7854.	4.6	86
6	Positive effects of a <i>Clostridium butyricum</i> -based compound probiotic on growth performance, immune responses, intestinal morphology, hypothalamic neurotransmitters, and colonic microbiota in weaned piglets. <i>Food and Function</i> , 2019, 10, 2926-2934.	4.6	73
7	Effects of <i>Clostridium butyricum</i> on growth performance, immune function, and cecal microflora in broiler chickens challenged with <i>Escherichia coli</i> K88. <i>Poultry Science</i> , 2014, 93, 46-53.	3.4	59
8	Effects of dietary supplementation with essential oils and organic acids on the growth performance, immune system, fecal volatile fatty acids, and microflora community in weaned piglets. <i>Journal of Animal Science</i> , 2019, 97, 133-143.	0.5	59
9	Bamboo Leaf Flavonoids Extracts Alleviate Oxidative Stress in HepG2 Cells via Naturally Modulating Reactive Oxygen Species Production and Nrf2-Mediated Antioxidant Defense Responses. <i>Journal of Food Science</i> , 2019, 84, 1609-1620.	3.1	45
10	Effects of astragalus and ginseng polysaccharides on growth performance, immune function and intestinal barrier in weaned piglets challenged with lipopolysaccharide. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 1096-1105.	2.2	45
11	Supplemental <i>Bacillus subtilis</i> DSM 29784 and enzymes, alone or in combination, as alternatives for antibiotics to improve growth performance, digestive enzyme activity, anti-oxidative status, immune response and the intestinal barrier of broiler chickens. <i>British Journal of Nutrition</i> , 2021, 125, 494-507.	2.3	44
12	Effects of inulin and isomalto-oligosaccharide on diphenoxylate-induced constipation, gastrointestinal motility-related hormones, short-chain fatty acids, and the intestinal flora in rats. <i>Food and Function</i> , 2020, 11, 9216-9225.	4.6	42
13	Effects of <i>Clostridium butyricum</i> and <i>Enterococcus faecalis</i> on growth performance, intestinal structure, and inflammation in lipopolysaccharide-challenged weaned piglets. <i>Journal of Animal Science</i> , 2019, 97, 4140-4151.	0.5	32
14	Effects of <i>Clostridium butyricum</i> on Growth Performance, Nitrogen Metabolism, Intestinal Morphology and Cecal Microflora in Broiler Chickens. <i>Journal of Animal and Veterinary Advances</i> , 2012, 11, 2665-2671.	0.1	31
15	<i>Bacillus licheniformis</i> , a potential probiotic, inhibits obesity by modulating colonic microflora in C57BL/6J mice model. <i>Journal of Applied Microbiology</i> , 2019, 127, 880-888.	3.1	30
16	<i>Bacillus amyloliquefaciens</i> Ameliorates Dextran Sulfate Sodium-Induced Colitis by Improving Gut Microbial Dysbiosis in Mice Model. <i>Frontiers in Microbiology</i> , 2018, 9, 3260.	3.5	29
17	Modulation of broilers' caecal microflora and metabolites in response to a potential probiotic <i>Bacillus amyloliquefaciens</i> . <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, e909-e917.	2.2	28
18	Astragalus and Ginseng Polysaccharides Improve Developmental, Intestinal Morphological, and Immune Functional Characters of Weaned Piglets. <i>Frontiers in Physiology</i> , 2019, 10, 418.	2.8	26

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19	Diversity of Bacterial and Fungal Communities in Wheat Straw Compost for <i>Agaricus bisporus</i> Cultivation. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2019, 54, 100-109.	1.0	25
20	Change of Serum Metabolome and Cecal Microflora in Broiler Chickens Supplemented With Grape Seed Extracts. <i>Frontiers in Immunology</i> , 2020, 11, 610934.	4.8	22
21	Serum metabolome and gut microbiome alterations in broiler chickens supplemented with lauric acid. <i>Poultry Science</i> , 2021, 100, 101315.	3.4	22
22	Stability improvement of reduced-fat reduced-salt meat batter through modulation of secondary and tertiary protein structures by means of high pressure processing. <i>Meat Science</i> , 2021, 176, 108439.	5.5	19
23	Effects of maternal serine supplementation on high-fat diet-induced oxidative stress and epigenetic changes in promoters of glutathione synthesis-related genes in offspring. <i>Journal of Functional Foods</i> , 2018, 47, 316-324.	3.4	15
24	Bacterial community diversity, lignocellulose components, and histological changes in composting using agricultural straws for <i>Agaricus bisporus</i> production. <i>PeerJ</i> , 2021, 9, e10452.	2.0	14
25	Tenderness improvement of reduced-fat and reduced-salt meat gels as affected by high pressure treating time. <i>Innovative Food Science and Emerging Technologies</i> , 2021, 70, 102687.	5.6	9
26	Effects of ball milling micronization on amino acids profile and antioxidant activities of <i>Polygonatum cyrtoneura</i> tuber powder. <i>Journal of Food Measurement and Characterization</i> , 2019, 13, 2106-2117.	3.2	7
27	Effects of Rhamnolipids on Growth Performance, Immune Function, and Cecal Microflora in Linnan Yellow Broilers Challenged with Lipopolysaccharides. <i>Antibiotics</i> , 2021, 10, 905.	3.7	6
28	<i>Clostridium butyricum</i> alone or combined with 1, 25-dihydroxyvitamin D ₃ improved early-stage broiler health by modulating intestinal flora. <i>Journal of Applied Microbiology</i> , 2021, , .	3.1	4
29	Effects of Oral Administration of Bamboo (<i>Dendrocalamus membranaceus</i>) Leaf Flavonoids on the Antioxidant Capacity, Caecal Microbiota, and Serum Metabolome of <i>Gallus gallus domesticus</i> . <i>Frontiers in Nutrition</i> , 2022, 9, 848532.	3.7	4