

T C Loh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2754986/publications.pdf>

Version: 2024-02-01

101
papers

2,587
citations

172386

29
h-index

233338

45
g-index

107
all docs

107
docs citations

107
times ranked

2299
citing authors

#	ARTICLE	IF	CITATIONS
1	Postbiotic metabolites produced by <i>Lactobacillus plantarum</i> strains exert selective cytotoxicity effects on cancer cells. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 114.	3.7	114
2	Vermicomposting of cattle and goat manures by <i>Eisenia foetida</i> and their growth and reproduction performance. <i>Bioresource Technology</i> , 2005, 96, 111-114.	4.8	101
3	Effects of dietary postbiotic and inulin on growth performance, IGF1 and GHR mRNA expression, faecal microbiota and volatile fatty acids in broilers. <i>BMC Veterinary Research</i> , 2016, 12, 163.	0.7	97
4	Inhibitory activity of postbiotic produced by strains of <i>Lactobacillus plantarum</i> using reconstituted media supplemented with inulin. <i>Gut Pathogens</i> , 2014, 6, 23.	1.6	88
5	Prevalence of antibiotic resistance in lactic acid bacteria isolated from the faeces of broiler chicken in Malaysia. <i>Gut Pathogens</i> , 2014, 6, 1.	1.6	85
6	Effects of Feeding Different Postbiotics Produced by <i>Lactobacillus plantarum</i> on Growth Performance, Carcass Yield, Intestinal Morphology, Gut Microbiota Composition, Immune Status, and Growth Gene Expression in Broilers under Heat Stress. <i>Animals</i> , 2019, 9, 644.	1.0	83
7	Effects of feeding metabolite combinations produced by <i>Lactobacillus plantarum</i> on growth performance, faecal microbial population, small intestine villus height and faecal volatile fatty acids in broilers. <i>British Poultry Science</i> , 2009, 50, 298-306.	0.8	80
8	Effects of liquid metabolite combinations produced by <i>Lactobacillus plantarum</i> on growth performance, faeces characteristics, intestinal morphology and diarrhoea incidence in postweaning piglets. <i>Tropical Animal Health and Production</i> , 2011, 43, 69-75.	0.5	74
9	Effects of vitamin E, inorganic selenium, bacterial organic selenium, and their combinations on immunity response in broiler chickens. <i>BMC Veterinary Research</i> , 2018, 14, 249.	0.7	64
10	Dietary Postbiotic <i>Lactobacillus plantarum</i> Improves Serum and Ruminal Antioxidant Activity and Upregulates Hepatic Antioxidant Enzymes and Ruminal Barrier Function in Post-Weaning Lambs. <i>Antioxidants</i> , 2020, 9, 250.	2.2	64
11	Effects of feeding different postbiotic metabolite combinations produced by <i>Lactobacillus plantarum</i> strains on egg quality and production performance, faecal parameters and plasma cholesterol in laying hens. <i>BMC Veterinary Research</i> , 2014, 10, 149.	0.7	62
12	Egg production, faecal pH and microbial population, small intestine morphology, and plasma and yolk cholesterol in laying hens given liquid metabolites produced by <i>Lactobacillus plantarum</i> strains. <i>British Poultry Science</i> , 2012, 53, 106-115.	0.8	61
13	Photodegradation of Sulfadiazine by Goethite-Oxalate Suspension under UV Light Irradiation. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 3527-3532.	1.8	58
14	Effect of feeding different levels of palm kernel cake fermented by <i>Paenibacillus polymyxa</i> ATCC 842 on nutrient digestibility, intestinal morphology, and gut microflora in broiler chickens. <i>Animal Feed Science and Technology</i> , 2016, 216, 216-224.	1.1	57
15	Postbiotic <i>L. plantarum</i> RG14 improves ruminal epithelium growth, immune status and upregulates the intestinal barrier function in post-weaning lambs. <i>Scientific Reports</i> , 2019, 9, 9938.	1.6	57
16	Growth Performance, Plasma Fatty Acids, Villous Height and Crypt Depth of Prewaning Piglets Fed with Medium Chain Triacylglycerol. <i>Asian-Australasian Journal of Animal Sciences</i> , 2013, 26, 700-704.	2.4	56
17	Heterophil to lymphocyte ratio and tonic immobility reactions to preslaughter handling in broiler chickens treated with ascorbic acid. <i>Poultry Science</i> , 2000, 79, 402-406.	1.5	53
18	Comparative studies of versatile extracellular proteolytic activities of lactic acid bacteria and their potential for extracellular amino acid productions as feed supplements. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 15.	2.1	50

#	ARTICLE	IF	CITATIONS
19	Comparative analyses on medium optimization using one-factor-at-a-time, response surface methodology, and artificial neural network for lysine methionine biosynthesis by <i>Pediococcus pentosaceus</i> RF-1. <i>Biotechnology and Biotechnological Equipment</i> , 2017, 31, 935-947.	0.5	47
20	The effect of dietary bacterial organic selenium on growth performance, antioxidant capacity, and Selenoproteins gene expression in broiler chickens. <i>BMC Veterinary Research</i> , 2017, 13, 254.	0.7	47
21	Influence of postbiotic RG14 and inulin combination on cecal microbiota, organic acid concentration, and cytokine expression in broiler chickens. <i>Poultry Science</i> , 2017, 96, 966-975.	1.5	46
22	Extracellular Proteolytic Activity and Amino Acid Production by Lactic Acid Bacteria Isolated from Malaysian Foods. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1777.	1.8	46
23	Physico-chemical properties of breast muscle in broiler chickens fed probiotics, antibiotics or antibiotic-probiotic mix. <i>Journal of Applied Animal Research</i> , 2017, 45, 64-70.	0.4	44
24	Effects of Supplementation of Rumen Protected Fats on Rumen Ecology and Digestibility of Nutrients in Sheep. <i>Animals</i> , 2019, 9, 400.	1.0	43
25	Effects of postbiotic supplementation on growth performance, ruminal fermentation and microbial profile, blood metabolite and GHR, IGF-1 and MCT-1 gene expression in post-weaning lambs. <i>BMC Veterinary Research</i> , 2019, 15, 315.	0.7	42
26	Fatty Acid Profile, Cholesterol and Oxidative Status in Broiler Chicken Breast Muscle Fed Different Dietary Oil Sources and Calcium Levels. <i>South African Journal of Animal Sciences</i> , 2015, 45, 153.	0.2	35
27	Molecular characterisation of new organisation of <i>plnEF</i> and <i>plw</i> loci of bacteriocin genes harbour concomitantly in <i>Lactobacillus plantarum</i> I-UL4. <i>Microbial Cell Factories</i> , 2015, 14, 89.	1.9	34
28	Comparative Studies of Inhibitory and Antioxidant Activities, and Organic Acids Compositions of Postbiotics Produced by Probiotic <i>Lactiplantibacillus plantarum</i> Strains Isolated From Malaysian Foods. <i>Frontiers in Veterinary Science</i> , 2020, 7, 602280.	0.9	34
29	Influence of different sources of oil on performance, meat quality, gut morphology, ileal digestibility and serum lipid profile in broilers. <i>Journal of Applied Animal Research</i> , 2018, 46, 479-485.	0.4	33
30	Effects of Enzyme Treated Palm Kernel Expeller on Metabolizable Energy, Growth Performance, Villus Height and Digesta Viscosity in Broiler Chickens. <i>Asian-Australasian Journal of Animal Sciences</i> , 2013, 26, 537-544.	2.4	31
31	Individual non-essential amino acids fortification of a low-protein diet for broilers under the hot and humid tropical climate. <i>Poultry Science</i> , 2015, 94, 2772-2777.	1.5	31
32	Biodegradation of Palm Kernel Cake by Cellulolytic and Hemicellulolytic Bacterial Cultures through Solid State Fermentation. <i>Scientific World Journal</i> , The, 2014, 2014, 1-8.	0.8	30
33	Is Palm Kernel Cake a Suitable Alternative Feed Ingredient for Poultry?. <i>Animals</i> , 2021, 11, 338.	1.0	29
34	Effects of different levels of metabolite combination produced by <i>Lactobacillus plantarum</i> on growth performance, diarrhoea, gut environment and digestibility of postweaning piglets. <i>Journal of Applied Animal Research</i> , 2013, 41, 200-207.	0.4	28
35	Supplementation of postbiotic RI11 improves antioxidant enzyme activity, upregulated gut barrier genes, and reduced cytokine, acute phase protein, and heat shock protein 70 gene expression levels in heat-stressed broilers. <i>Poultry Science</i> , 2021, 100, 100908.	1.5	25
36	Influence of bacterial organic selenium on blood parameters, immune response, selenium retention and intestinal morphology of broiler chickens. <i>BMC Veterinary Research</i> , 2020, 16, 365.	0.7	25

#	ARTICLE	IF	CITATIONS
37	Effect of feeding different levels of palm kernel cake fermented by <i>Paenibacillus polymyxa</i> ATCC 842 on broiler growth performance, blood biochemistry, carcass characteristics, and meat quality. <i>Animal Production Science</i> , 2017, 57, 839.	0.6	23
38	Effects of dietary oil sources, calcium and phosphorus levels on growth performance, carcass characteristics and bone quality of broiler chickens. <i>Journal of Applied Animal Research</i> , 2017, 45, 423-429.	0.4	23
39	In vitro study of postbiotics from <i>Lactobacillus plantarum</i> RG14 on rumen fermentation and microbial population. <i>Revista Brasileira De Zootecnia</i> , 2018, 47, .	0.3	23
40	Fatty acid composition, fat deposition, lipogenic gene expression and performance of broiler fed diet supplemented with different sources of oil. <i>Animal Science Journal</i> , 2017, 88, 1406-1413.	0.6	22
41	Enhancement of Versatile Extracellular Cellulolytic and Hemicellulolytic Enzyme Productions by <i>Lactobacillus plantarum</i> RI 11 Isolated from Malaysian Food Using Renewable Natural Polymers. <i>Molecules</i> , 2020, 25, 2607.	1.7	22
42	Amino Acids Fortification of Low-protein Diet for Broilers Under Tropical Climate. 2. Nonessential Amino Acids and Increasing Essential Amino Acids. <i>Italian Journal of Animal Science</i> , 2014, 13, 3297.	0.8	21
43	Effect of Selenium Sources on Laying Performance, Egg Quality Characteristics, Intestinal Morphology, Microbial Population and Digesta Volatile Fatty Acids in Laying Hens. <i>Animals</i> , 2021, 11, 1681.	1.0	20
44	Dietary methionine and n-6/n-3 polyunsaturated fatty acid ratio reduce adverse effects of infectious bursal disease in broilers. <i>Poultry Science</i> , 2012, 91, 2173-2182.	1.5	19
45	Dietary supplementation of <i>Zingiber officinale</i> and <i>Zingiber zerumbet</i> to heat-stressed broiler chickens and its effect on heat shock protein 70 expression, blood parameters and body temperature. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2013, 97, 632-638.	1.0	19
46	Effects of Varying Dietary Zinc Levels and Environmental Temperatures on the Growth Performance, Feathering Score and Feather Mineral Concentrations of Broiler Chicks. <i>Asian-Australasian Journal of Animal Sciences</i> , 2010, 23, 937-945.	2.4	19
47	Live recombinant <i>Lactococcus lactis</i> vaccine expressing aerolysin genes D1 and D4 for protection against <i>Aeromonas hydrophila</i> in tilapia (<i>Oreochromis niloticus</i>). <i>Journal of Applied Microbiology</i> , 2010, 109, no-no.	1.4	18
48	Comparative Study of Extracellular Proteolytic, Cellulolytic, and Hemicellulolytic Enzyme Activities and Biotransformation of Palm Kernel Cake Biomass by Lactic Acid Bacteria Isolated from Malaysian Foods. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4979.	1.8	17
49	Effect of Microbiota-Selenoprotein on Meat Selenium Content and Meat Quality of Broiler Chickens. <i>Animals</i> , 2020, 10, 981.	1.0	17
50	Effect of Sodium Selenite, Selenium Yeast, and Bacterial Enriched Protein on Chicken Egg Yolk Color, Antioxidant Profiles, and Oxidative Stability. <i>Foods</i> , 2021, 10, 871.	1.9	17
51	Utilisation of Earthworm Meal in Partial Replacement of Soybean and Fish Meals in Diets of Broilers. <i>Journal of Applied Animal Research</i> , 2009, 36, 29-32.	0.4	16
52	Characterization of Cellulolytic Bacterial Cultures Grown in Different Substrates. <i>Scientific World Journal</i> , The, 2013, 2013, 1-6.	0.8	16
53	Dietary Supplementation of Postbiotics Mitigates Adverse Impacts of Heat Stress on Antioxidant Enzyme Activity, Total Antioxidant, Lipid Peroxidation, Physiological Stress Indicators, Lipid Profile and Meat Quality in Broilers. <i>Animals</i> , 2020, 10, 982.	1.0	16
54	Effects of lysine and methionine in a low crude protein diet on the growth performance and gene expression of immunity genes in broilers. <i>Poultry Science</i> , 2020, 99, 2916-2925.	1.5	16

#	ARTICLE	IF	CITATIONS
55	Growth Performance and Fecal Microflora of Rats Offered Metabolites from Lactic Acid Bacteria. <i>Journal of Applied Animal Research</i> , 2008, 34, 61-64.	0.4	15
56	Comparative Efficacy of Selected Phytobiotics with Halquinol and Tetracycline on Gut Morphology, Ileal Digestibility, Cecal Microbiota Composition and Growth Performance in Broiler Chickens. <i>Animals</i> , 2020, 10, 2150.	1.0	15
57	Effects of Postbiotics and Paraprobiotics as Replacements for Antibiotics on Growth Performance, Carcass Characteristics, Small Intestine Histomorphology, Immune Status and Hepatic Growth Gene Expression in Broiler Chickens. <i>Animals</i> , 2022, 12, 917.	1.0	14
58	Optimized medium via statistical approach enhanced threonine production by <i>Pediococcus pentosaceus</i> TL-3 isolated from Malaysian food. <i>Microbial Cell Factories</i> , 2019, 18, 125.	1.9	13
59	Effects of graded dose dietary supplementation of Piper betle leaf meal and <i>Persicaria odorata</i> leaf meal on growth performance, apparent ileal digestibility, and gut morphology in broilers. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1503-1513.	1.8	13
60	Effects of Palm Kernel Cake on Performance and Blood Lipids in Rats. <i>Asian-Australasian Journal of Animal Sciences</i> , 2002, 15, 1165-1169.	2.4	13
61	Effects of Inclusion of Different Doses of <i>Persicaria odorata</i> Leaf Meal (POLM) in Broiler Chicken Feed on Biochemical and Haematological Blood Indicators and Liver Histomorphological Changes. <i>Animals</i> , 2020, 10, 1209.	1.0	12
62	Effect of Dietary Combination of Methionine and Fish Oil on Cellular Immunity and Plasma Fatty Acids in Infectious Bursal Disease Challenged Chickens. <i>Scientific World Journal</i> , The, 2013, 2013, 1-9.	0.8	11
63	Meat Quality, Fatty Acid Content and NMR Metabolic Profile of Dorper Sheep Supplemented with Bypass Fats. <i>Foods</i> , 2021, 10, 1133.	1.9	10
64	Can <i>Yucca schidigera</i> Be Used to Enhance the Growth Performance, Nutrient Digestibility, Gut Histomorphology, Cecal Microflora, Carcass Characteristic, and Meat Quality of Commercial Broilers Raised under Tropical Conditions?. <i>Animals</i> , 2021, 11, 2276.	1.0	10
65	Effects of feeding metabolite combinations from <i>Lactobacillus plantarum</i> on plasma and breast meat lipids in Broiler Chickens. <i>Brazilian Journal of Poultry Science</i> , 2013, 15, 307-316.	0.3	10
66	Effects of putrescine supplementation on growth performance, blood lipids and immune response in broiler chickens fed methionine deficient diet. <i>Animal Feed Science and Technology</i> , 2014, 194, 151-156.	1.1	9
67	The Myth and Therapeutic Potentials of Postbiotics. , 2019, , 201-211.		9
68	Rapid Evaluation and Optimization of Medium Components Governing Tryptophan Production by <i>Pediococcus acidilactici</i> TP-6 Isolated from Malaysian Food via Statistical Approaches. <i>Molecules</i> , 2020, 25, 779.	1.7	9
69	A refined medium to enhance the antimicrobial activity of postbiotic produced by <i>Lactiplantibacillus plantarum</i> RS5. <i>Scientific Reports</i> , 2021, 11, 7617.	1.6	9
70	Gut microflora and intestinal morphology changes of broiler chickens fed reducing dietary protein supplemented with lysine, methionine, and threonine in tropical environment. <i>Revista Brasileira De Zootecnia</i> , 0, 48, .	0.3	9
71	Influence of Dietary Ratios of n-6: n-3 Fatty Acid on Gene Expression, Fatty Acid Profile in Liver and Breast Muscle Tissues, Serum Lipid Profile, and Immunoglobulin in Broiler Chickens. <i>Journal of Applied Poultry Research</i> , 2019, 28, 454-469.	0.6	8
72	Can treatment of <i>Brachiaria decumbens</i> (signal grass) improve its utilisation in the diet in small ruminants?â€”a review. <i>Tropical Animal Health and Production</i> , 2018, 50, 1727-1732.	0.5	7

#	ARTICLE	IF	CITATIONS
73	Do different vaccination regimes affect the growth performance, immune status, carcass characteristics and meat quality of broilers?. <i>British Poultry Science</i> , 2021, 62, 32-37.	0.8	7
74	Effect of Synthetic Emulsifier and Natural Biosurfactant on Feed Process and Quality of Pelletized Feed in Broiler Diet. <i>Brazilian Journal of Poultry Science</i> , 2017, 19, 23-34.	0.3	6
75	Growth Performance, Cytokine Expression, and Immune Responses of Broiler Chickens Fed a Dietary Palm Oil and Sunflower Oil Blend Supplemented With L-Arginine and Varying Concentrations of Vitamin E. <i>Frontiers in Veterinary Science</i> , 2020, 7, 619.	0.9	6
76	Effects of bacterial organic selenium, selenium yeast and sodium selenite on antioxidant enzymes activity, serum biochemical parameters, and selenium concentration in Lohman brown-classic hens. <i>Veterinary Research Communications</i> , 2022, 46, 431-445.	0.6	6
77	Lactiplantibacillus plantarum Postbiotics: Alternative of Antibiotic Growth Promoter to Ameliorate Gut Health in Broiler Chickens. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	6
78	Effects of <i>Azolla</i> spp. as feed ingredient on the growth performance and nutrient digestibility of broiler chicken. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 1704-1711.	1.0	5
79	Characterization and Identification of Organic Selenium-enriched Bacteria Isolated from Rumen Fluid and Hot Spring Water. <i>Microbiology and Biotechnology Letters</i> , 2017, 45, 343-353.	0.2	5
80	Chemical Compositions of Brown and Green Seaweed, and Effects on Nutrient Digestibility in Broiler Chickens. <i>Animals</i> , 2021, 11, 2147.	1.0	4
81	Profiling of Rumen Fermentation and Microbial Population Changes in Goats Fed with Napier Grass Supplemented with Whole Corn Plant Silage. <i>Asian Journal of Animal Sciences</i> , 2015, 10, 1-14.	0.3	4
82	Effect of Fermented Fruits on the Growth Performance, Shedding of Enterobacteriaceae and Lactobacilli in Post-weaning Pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , 2003, 16, 1656-1660.	2.4	4
83	Impact of Feeding Postbiotics and Paraprobiotics Produced From <i>Lactiplantibacillus plantarum</i> on Colon Mucosa Microbiota in Broiler Chickens. <i>Frontiers in Veterinary Science</i> , 2022, 9, 859284.	0.9	4
84	Effects of Feeding Phytogenic Substances and Phytase on Growth Performance and Nutrient Digestibility of Young Broilers. <i>Journal of Applied Animal Research</i> , 2008, 33, 187-192.	0.4	3
85	Effects of Dietary Protein and Inulin on Growth and Nitrogen Balance in Growing Pigs. <i>Journal of Applied Animal Research</i> , 2010, 38, 55-59.	0.4	3
86	Growth performance, fatty acid profile and lipid oxidative stability of breast muscle in chickens fed probiotics and antibiotics or their mixture. <i>South African Journal of Animal Sciences</i> , 2019, 48, .	0.2	3
87	Health performance and blood profile changes in commercial broilers supplemented with dietary monocalcium phosphate. <i>Comparative Clinical Pathology</i> , 2020, 29, 573-579.	0.3	3
88	Postbiotic Metabolites of Probiotics in Animal Feeding. <i>Microorganisms for Sustainability</i> , 2021, , 179-190.	0.4	3
89	Dietary supplementation with L-arginine and combinations of different oil sources beneficially regulates body fat deposition, lipogenic gene expression, growth performance and carcass yield in broiler chickens. <i>Animal Production Science</i> , 2020, 60, 1409.	0.6	2
90	Effects of vitamin E, an oil blend and L-Arginine on breast meat from broiler chickens. <i>South African Journal of Animal Sciences</i> , 2021, 50, .	0.2	2

#	ARTICLE	IF	CITATIONS
91	Opinion paper: COVID-19 and the livestock sector. <i>Animal</i> , 2021, 15, 100102.	1.3	2
92	Effect of organic and inorganic dietary selenium supplementation on gene expression in oviduct tissues and Selenoproteins gene expression in Lohman Brown-classic laying hens. <i>BMC Veterinary Research</i> , 2021, 17, 281.	0.7	2
93	Effect of the Dietary Fat Sources on Performance, Liver Fatty Acid Composition and Meat Cholesterol Content in Broiler. <i>International Journal of Engineering and Technology(UAE)</i> , 2018, 7, 167.	0.2	2
94	Association of Backfat Thickness with Postheparin Lipoprotein Lipase Activity and Very Low Density Lipoprotein-Subfractions in Growing Pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , 2001, 14, 1592-1597.	2.4	2
95	Purification and Characterization of Very Low Density Lipoprotein in Commercial Broiler and Crossbred Village Chickens by Fast Protein Liquid Chromatography. <i>Asian-Australasian Journal of Animal Sciences</i> , 2005, 18, 1780-1785.	2.4	2
96	In vitro Study of Fiber Fermentability by Swine Fecal Microflora. <i>Journal of Applied Animal Research</i> , 2010, 37, 197-200.	0.4	1
97	Promising Prospects of Probiotics and Postbiotics Derived from Lactic Acid Bacteria as Pharma Foods. <i>Microorganisms for Sustainability</i> , 2021, , 337-350.	0.4	1
98	Fecal Microbial Population and Growth in Broiler Fed Organic Acids and Palm Fat-Composed Diet. <i>Tropical Animal Science Journal</i> , 2020, 43, 151-157.	0.2	1
99	Dietary putrescine effects on performance parameters, nutrient digestibility, intestinal morphology and tissue polyamine content of broilers fed low protein diet. <i>Iranian Journal of Veterinary Research</i> , 2014, 15, 385-91.	0.4	1
100	The Effect of Methionine on Performance, Carcass Characteristics and Gut Morphology of Finisher Broilers under Tropical Environment Conditions. <i>Journal of World's Poultry Research</i> , 2020, 10, 180-183.	0.2	0
101	Production Performance of Broiler Chicken Supplemented with <i>Lactobacillus plantarum</i> and <i>Lactobacillus casei</i> Incubated In Different Medium Infusion. , 0, , 59-61.		0