

# Juan D Latorre

## List of Publications by Year in descending order

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72  
papers

2,041  
citations

201575

27  
h-index

276775

41  
g-index

78  
all docs

78  
docs citations

78  
times ranked

1566  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation and Selection of <i>Bacillus</i> Species Based on Enzyme Production, Antimicrobial Activity, and Biofilm Synthesis as Direct-Fed Microbial Candidates for Poultry. <i>Frontiers in Veterinary Science</i> , 2016, 3, 95.	0.9	112
2	Probiotics, Prebiotics, and Phytogetic Substances for Optimizing Gut Health in Poultry. <i>Microorganisms</i> , 2022, 10, 395.	1.6	80
3	Utilization of rye as energy source affects bacterial translocation, intestinal viscosity, microbiota composition, and bone mineralization in broiler chickens. <i>Frontiers in Genetics</i> , 2014, 5, 339.	1.1	78
4	Effect of dexamethasone in feed on intestinal permeability, differential white blood cell counts, and immune organs in broiler chicks. <i>Poultry Science</i> , 2015, 94, 2075-2080.	1.5	77
5	Evaluation of the Epithelial Barrier Function and Ileal Microbiome in an Established Necrotic Enteritis Challenge Model in Broiler Chickens. <i>Frontiers in Veterinary Science</i> , 2018, 5, 199.	0.9	76
6	Optimizing Fluorescein Isothiocyanate Dextran Measurement As a Biomarker in a 24-h Feed Restriction Model to Induce Gut Permeability in Broiler Chickens. <i>Frontiers in Veterinary Science</i> , 2017, 4, 56.	0.9	75
7	Dose titration of FITC-D for optimal measurement of enteric inflammation in broiler chicks. <i>Poultry Science</i> , 2015, 94, 1353-1359.	1.5	73
8	Selection of <i>Bacillus</i> spp. for Cellulase and Xylanase Production as Direct-Fed Microbials to Reduce Digesta Viscosity and <i>Clostridium perfringens</i> Proliferation Using an in vitro Digestive Model in Different Poultry Diets. <i>Frontiers in Veterinary Science</i> , 2015, 2, 25.	0.9	67
9	Evaluation of a <i>Bacillus</i> direct-fed microbial candidate on digesta viscosity, bacterial translocation, microbiota composition and bone mineralisation in broiler chickens fed on a rye-based diet. <i>British Poultry Science</i> , 2015, 56, 723-732.	0.8	62
10	Identification and Characterization of Lactic Acid Bacteria in a Commercial Probiotic Culture. <i>Bioscience of Microbiota, Food and Health</i> , 2014, 33, 25-30.	0.8	58
11	Impact of a <i>Bacillus</i> Direct-Fed Microbial on Growth Performance, Intestinal Barrier Integrity, Necrotic Enteritis Lesions, and Ileal Microbiota in Broiler Chickens Using a Laboratory Challenge Model. <i>Frontiers in Veterinary Science</i> , 2019, 6, 108.	0.9	58
12	Poultry enteric inflammation model with dextran sodium sulfate mediated chemical induction and feed restriction in broilers. <i>Poultry Science</i> , 2015, 94, 1220-1226.	1.5	55
13	Evaluation of germination, distribution, and persistence of <i>Bacillus subtilis</i> spores through the gastrointestinal tract of chickens. <i>Poultry Science</i> , 2014, 93, 1793-1800.	1.5	49
14	Leaky Gut and Mycotoxins: Aflatoxin B1 Does Not Increase Gut Permeability in Broiler Chickens. <i>Frontiers in Veterinary Science</i> , 2016, 3, 10.	0.9	48
15	Evaluation of a selected lactic acid bacteria-based probiotic on <i>Salmonella enterica</i> serovar Enteritidis colonization and intestinal permeability in broiler chickens. <i>Avian Pathology</i> , 2017, 46, 90-94.	0.8	48
16	Evaluation of Gastrointestinal Leakage in Multiple Enteric Inflammation Models in Chickens. <i>Frontiers in Veterinary Science</i> , 2015, 2, 66.	0.9	46
17	In ovo evaluation of FloraMax®-B11 on Marek's disease HVT vaccine protective efficacy, hatchability, microbiota composition, morphometric analysis, and <i>Salmonella enteritidis</i> infection in broiler chickens. <i>Poultry Science</i> , 2017, 96, 2074-2082.	1.5	46
18	Evaluation of the respiratory route as a viable portal of entry for <i>Salmonella</i> in poultry via intratracheal challenge of <i>Salmonella Enteritidis</i> and <i>Salmonella Typhimurium</i> . <i>Poultry Science</i> , 2014, 93, 340-346.	1.5	41

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19	Rye Affects Bacterial Translocation, Intestinal Viscosity, Microbiota Composition and Bone Mineralization in Turkey Poults. <i>PLoS ONE</i> , 2015, 10, e0122390.	1.1	41
20	Evaluation of effects of EarlyBird associated with FloraMax-B11 on Salmonella Enteritidis, intestinal morphology, and performance of broiler chickens. <i>Poultry Science</i> , 2013, 92, 2337-2346.	1.5	40
21	Evaluation of Chitosan and Cellulosic Polymers as Binding Adsorbent Materials to Prevent Aflatoxin B1, Fumonisin B1, Ochratoxin, Trichothecene, Deoxynivalenol, and Zearalenone Mycotoxins Through an In Vitro Gastrointestinal Model for Poultry. <i>Polymers</i> , 2017, 9, 529.	2.0	40
22	Effect of Chitosan on <i>Salmonella</i> Typhimurium in Broiler Chickens. <i>Foodborne Pathogens and Disease</i> , 2014, 11, 165-169.	0.8	38
23	Effects of the inclusion of a Bacillus direct-fed microbial on performance parameters, bone quality, recovered gut microflora, and intestinal morphology in broilers consuming a grower diet containing corn distillers dried grains with solubles. <i>Poultry Science</i> , 2017, 96, 2728-2735.	1.5	33
24	Evaluation of a Solid Dispersion of Curcumin With Polyvinylpyrrolidone and Boric Acid Against Salmonella Enteritidis Infection and Intestinal Permeability in Broiler Chickens: A Pilot Study. <i>Frontiers in Microbiology</i> , 2018, 9, 1289.	1.5	32
25	Evaluation of a commercially available organic acid product on body weight loss, carcass yield, and meat quality during preslaughter feed withdrawal in broiler chickens: A poultry welfare and economic perspective. <i>Poultry Science</i> , 2014, 93, 448-455.	1.5	31
26	Evaluation of Cellulosic Polymers and Curcumin to Reduce Aflatoxin B1 Toxic Effects on Performance, Biochemical, and Immunological Parameters of Broiler Chickens. <i>Toxins</i> , 2019, 11, 121.	1.5	31
27	Comparison of PrestoBlue <sup>®</sup> and plating method to evaluate antimicrobial activity of ascorbic acid, boric acid and curcumin in an <i>in vitro</i> gastrointestinal model. <i>Journal of Applied Microbiology</i> , 2018, 124, 423-430.	1.4	28
28	Evaluation of the Antimicrobial and Anti-inflammatory Properties of Bacillus-DFM (Norumâ,®) in Broiler Chickens Infected With Salmonella Enteritidis. <i>Frontiers in Veterinary Science</i> , 2019, 6, 282.	0.9	28
29	Identification of Serum Biomarkers for Intestinal Integrity in a Broiler Chicken Malabsorption Model. <i>Frontiers in Veterinary Science</i> , 2019, 6, 144.	0.9	28
30	Role of a Bacillus subtilis Direct-Fed Microbial on Digesta Viscosity, Bacterial Translocation, and Bone Mineralization in Turkey Poults Fed with a Rye-Based Diet. <i>Frontiers in Veterinary Science</i> , 2014, 1, 26.	0.9	27
31	Food-producing animals and their health in relation to human health. <i>Microbial Ecology in Health and Disease</i> , 2015, 26, 25876.	3.8	26
32	Microbial metabolite deoxycholic acid controls Clostridium perfringens-induced chicken necrotic enteritis through attenuating inflammatory cyclooxygenase signaling. <i>Scientific Reports</i> , 2019, 9, 14541.	1.6	26
33	Evaluation of curcumin and copper acetate against Salmonella Typhimurium infection, intestinal permeability, and cecal microbiota composition in broiler chickens. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 23.	2.1	25
34	Fate of <i>Salmonella</i> Senftenberg in broiler chickens evaluated by challenge experiments. <i>Avian Pathology</i> , 2014, 43, 305-309.	0.8	24
35	Effect of humic acids on intestinal viscosity, leaky gut and ammonia excretion in a 24-hr feed restriction model to induce intestinal permeability in broiler chickens. <i>Animal Science Journal</i> , 2018, 89, 1002-1010.	0.6	22
36	Evaluation of the Dietary Supplementation of a Formulation Containing Ascorbic Acid and a Solid Dispersion of Curcumin with Boric Acid against Salmonella Enteritidis and Necrotic Enteritis in Broiler Chickens. <i>Animals</i> , 2019, 9, 184.	1.0	20

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37	Evaluation of the antimicrobial and intestinal integrity properties of boric acid in broiler chickens infected with <i>Salmonella enteritidis</i> : Proof of concept. <i>Research in Veterinary Science</i> , 2019, 123, 7-13.	0.9	20
38	Absorption and deposition of xanthophylls in broilers challenged with three dosages of <i>Eimeria acervulina</i> oocysts. <i>British Poultry Science</i> , 2014, 55, 167-173.	0.8	18
39	Impact of Enteric Health and Mucosal Permeability on Skeletal Health and Lameness in Poultry. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1033, 185-197.	0.8	17
40	Longitudinal Characterization of Coccidiosis Control Methods on Live Performance and Nutrient Utilization in Broilers. <i>Frontiers in Veterinary Science</i> , 2019, 6, 468.	0.9	17
41	Evaluation of a <i>Bacillus</i> -Based Direct-Fed Microbial on Aflatoxin B1 Toxic Effects, Performance, Immunologic Status, and Serum Biochemical Parameters in Broiler Chickens. <i>Avian Diseases</i> , 2019, 63, 659.	0.4	17
42	The Effect of a <i>Lactobacillus</i> -Based Probiotic for the Control of Necrotic Enteritis in Broilers. <i>Food and Nutrition Sciences (Print)</i> , 2013, 04, 1-7.	0.2	17
43	Risks Involved in the Use of Enrofloxacin for <i>Salmonella Enteritidis</i> or <i>Salmonella Heidelberg</i> in Commercial Poultry. <i>Frontiers in Veterinary Science</i> , 2016, 3, 72.	0.9	16
44	Characterization and evaluation of lactic acid bacteria candidates for intestinal epithelial permeability and <i>Salmonella Typhimurium</i> colonization in neonatal turkey poults. <i>Poultry Science</i> , 2018, 97, 515-521.	1.5	16
45	Isolation, screening and identification of <i>Bacillus</i> spp. as direct-fed microbial candidates for aflatoxin B1 biodegradation. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2015, 5, 702-706.	0.5	15
46	Editorial: Alternatives to Antimicrobial Growth Promoters and Their Impact in Gut Microbiota, Health and Disease. <i>Frontiers in Veterinary Science</i> , 2017, 4, 196.	0.9	15
47	Comparison of multiple methods for induction of necrotic enteritis in broilers. I. <i>Journal of Applied Poultry Research</i> , 2018, 27, 577-589.	0.6	15
48	Evaluation of Ascorbic Acid or Curcumin Formulated in a Solid Dispersion on <i>Salmonella Enteritidis</i> Infection and Intestinal Integrity in Broiler Chickens. <i>Pathogens</i> , 2019, 8, 229.	1.2	15
49	Effects of Humic Acids on Recovery of <i>Salmonella Enterica</i> Serovar <i>Enteritidis</i> . <i>Annals of Animal Science</i> , 2018, 18, 387-399.	0.6	14
50	<i>Salmonella Excludes Salmonella</i> in Poultry: Confirming an Old Paradigm Using Conventional and Barcode-Tagging Approaches. <i>Frontiers in Veterinary Science</i> , 2018, 5, 101.	0.9	13
51	Use of probiotics as an alternative to formaldehyde fumigation in commercial broiler chicken hatch cabinets. <i>Journal of Applied Poultry Research</i> , 2018, 27, 371-379.	0.6	12
52	Isolation and Identification of Lactic Acid Bacteria Probiotic Culture Candidates for the Treatment of <i>Salmonella enterica</i> Serovar <i>Enteritidis</i> in Neonatal Turkey Poults. <i>Animals</i> , 2019, 9, 696.	1.0	11
53	Evaluation of Bone Marrow Adipose Tissue and Bone Mineralization on Broiler Chickens Affected by Wooden Breast Myopathy. <i>Frontiers in Physiology</i> , 2019, 10, 674.	1.3	11
54	Evaluation of recovery of <i>Salmonella</i> from trachea and ceca in commercial poultry. <i>Journal of Applied Poultry Research</i> , 2014, 23, 132-136.	0.6	10

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55	Effect of Chitosan as a Biological Sanitizer for Salmonella Typhimurium and Aerobic Gram Negative Spoilage Bacteria Present on Chicken Skin. International Journal of Poultry Science, 2013, 12, 318-321.	0.6	10
56	Glycerol supplementation enhances the protective effect of dietary FloraMax-B11 against Salmonella Enteritidis colonization in neonate broiler chickens. Poultry Science, 2014, 93, 2363-2369.	1.5	9
57	In ovo Administration of Defined Lactic Acid Bacteria Previously Isolated From Adult Hens Induced Variations in the Cecae Microbiota Structure and Enterobacteriaceae Colonization on a Virulent Escherichia coli Horizontal Infection Model in Broiler Chickens. Frontiers in Veterinary Science, 2020, 7, 489.	0.9	8
58	Evaluation of changes in serum chemistry in association with feed withdrawal or high dose oral gavage with dextran sodium sulfate- (DSS-) induced gut leakage in broiler chickens. Poultry Science, 2016, 95, 2565-2569.	1.5	7
59	Assessment of a Nutritional Rehabilitation Model in Two Modern Broilers and Their Jungle Fowl Ancestor: A Model for Better Understanding Childhood Undernutrition. Frontiers in Nutrition, 2018, 5, 18.	1.6	6
60	Evaluation of Intestinal Permeability and Liver Bacterial Translocation in Two Modern Broilers and Their Jungle Fowl Ancestor. Frontiers in Genetics, 2019, 10, 480.	1.1	6
61	Whole-Genome Sequence and Interaction Analysis in the Production of Six Enzymes From the Three Bacillus Strains Present in a Commercial Direct-Fed Microbial (Norumâ,ç) Using a Bliss Independence Test. Frontiers in Veterinary Science, 2022, 9, 784387.	0.9	6
62	Experimental Cyclic Heat Stress on Intestinal Permeability, Bone Mineralization, Leukocyte Proportions and Meat Quality in Broiler Chickens. Animals, 2022, 12, 1273.	1.0	6
63	Evaluation of live-attenuated Histomonas meleagridis isolates as vaccine candidates against wild-type challenge. Poultry Science, 2022, 101, 101656.	1.5	5
64	Editorial: Alternatives to Antimicrobial Growth Promoters and Their Impact in Gut Microbiota, Health and Disease: Volume II. Frontiers in Veterinary Science, 2022, 9, 857583.	0.9	4
65	Effect of Glutamine Supplementation Associated with Probiotics on Salmonella Typhimurium and Nitric Oxide or Glutamine with Perinatal Supplement on Growth Performance and Intestinal Morphology in Broiler Chickens. Clinical Microbiology (Los Angeles, Calif ), 2012, 02, .	0.2	3
66	Probiotics for Human and Poultry Use in the Control of Gastrointestinal Disease: A Review of Real-World Experiences. Alternative & Integrative Medicine, 2013, 02, .	0.1	3
67	Draft Genome Sequence of Clostridium perfringens Strain TAMU, Which Causes Necrotic Enteritis in Broiler Chickens. Microbiology Resource Announcements, 2020, 9, .	0.3	3
68	Effect of a Lactic Acid Bacteria Based Probiotic, Floramax-B11, on Performance, Bone Qualities, and Morphometric Analysis of Broiler Chickens: An Economic Analysis. Biological Systems, Open Access, 2012, 02, .	0.1	2
69	Combination of a &lt;i>Lactobacillus&lt;/i>-Based Probiotic and Organic Acids Decrease Egg to Chick Weight Loss and Reduce &lt;i>Salmonella&lt;/i> spp. Counts in the Litter of Commercial Broiler Breeders. Food and Nutrition Sciences (Print), 2019, 10, 1011-1020.	0.2	1
70	The role of probiotics in optimizing gut function in poultry. Burleigh Dodds Series in Agricultural Science, 2019, , 347-370.	0.1	1
71	Combination of a &lt;i>Lactobacillus&lt;/i>-Based Probiotic and Organic Acids Decrease Egg to Chick Weight Loss and Reduce &lt;i>Salmonella&lt;/i> spp. Counts in the Litter of Commercial Broiler Breeders. Food and Nutrition Sciences (Print), 2019, 10, 1011-1020.	0.2	0
72	The role of synbiotics in optimizing gut function in poultry. Burleigh Dodds Series in Agricultural Science, 2019, , 409-428.	0.1	0