

# Daniel Hernandez-Patlan

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

499  
citations

623188

14  
h-index

713013

21  
g-index

32  
all docs

32  
docs citations

32  
times ranked

540  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of a Bacillus 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
2	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
3	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
4	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
5	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
6	Evaluation of the Antimicrobial and Anti-inflammatory Properties of Bacillus-DFM (Norum <sup>®</sup> ) in Broiler Chickens Infected With Salmonella Enteritidis. <i>Frontiers in Veterinary Science</i> , 2019, 6, 282.	0.9	28
7	Assessing the Aflatoxin B1 Adsorption Capacity between Biosorbents Using an In Vitro Multicompartmental Model Simulating the Dynamic Conditions in the Gastrointestinal Tract of Poultry. <i>Toxins</i> , 2018, 10, 484.	1.5	27
8	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
9	Effect of humic acids on intestinal viscosity, leaky gut and ammonia excretion in a 24hr feed restriction model to induce intestinal permeability in broiler chickens. <i>Animal Science Journal</i> , 2018, 89, 1002-1010.	0.6	22
10	Evaluation of in ovo Bacillus spp. based probiotic administration on horizontal transmission of virulent Escherichia coli in neonatal broiler chickens. <i>Poultry Science</i> , 2019, 98, 6483-6491.	1.5	20
11	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
12	Evaluation of the antimicrobial and intestinal integrity properties of boric acid in broiler chickens infected with Salmonella enteritidis: Proof of concept. <i>Research in Veterinary Science</i> , 2019, 123, 7-13.	0.9	20
13	Development of Chitosan and Alginate Nanocapsules to Increase the Solubility, Permeability and Stability of Curcumin. <i>Journal of Pharmaceutical Innovation</i> , 2019, 14, 132-140.	1.1	18
14	Evaluation of a Bacillus -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
15	Evaluation of Ascorbic Acid or Curcumin Formulated in a Solid Dispersion on Salmonella Enteritidis Infection and Intestinal Integrity in Broiler Chickens. <i>Pathogens</i> , 2019, 8, 229.	1.2	15
16	Effects of Humic Acids on Recovery of Salmonella Enterica Serovar Enteritidis. <i>Annals of Animal Science</i> , 2018, 18, 387-399.	0.6	14
17	Isolation and Identification of Lactic Acid Bacteria Probiotic Culture Candidates for the Treatment of Salmonella enterica Serovar Enteritidis in Neonatal Turkey Poults. <i>Animals</i> , 2019, 9, 696.	1.0	11
18	Curcumin reduces enteric isoprostane 8-iso-PGF <sub>2</sub> and prostaglandin GF <sub>2</sub> in specific pathogen-free Leghorn chickens challenged with Eimeria maxima. <i>Scientific Reports</i> , 2021, 11, 11609.	1.6	11

#	ARTICLE	IF	CITATIONS
19	Potential of Kale and Lettuce Residues as Natural Adsorbents of the Carcinogen Aflatoxin B1 in a Dynamic Gastrointestinal Tract-Simulated Model. <i>Toxins</i> , 2021, 13, 771.	1.5	10
20	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 <i>Escherichia coli</i> Horizontal Infection Model in Broiler Chickens. <i>Frontiers in Veterinary Science</i> , 2020, 7, 489.	0.9	8
21	Use of Prebiotics as an Alternative to Antibiotic Growth Promoters in the Poultry Industry. , 0, , .		7
22	Effects of humic acids on the recovery of different bacterial strains in an in vitro chicken digestive model. <i>Research in Veterinary Science</i> , 2022, 145, 21-28.	0.9	7
23	Control of Aflatoxicosis in Poultry Using Probiotics and Polymers. , 0, , .		6
24	The Use of Probiotics in Poultry Production for the Control of Bacterial Infections and Aflatoxins. , 0, , .		6
25	Whole-Genome Sequence and Interaction Analysis in the Production of Six Enzymes From the Three <i>Bacillus</i> Strains Present in a Commercial Direct-Fed Microbial (Norumâ,ç) Using a Bliss Independence Test. <i>Frontiers in Veterinary Science</i> , 2022, 9, 784387.	0.9	6
26	Assessment of Fermented Soybean Meal on <i>Salmonella typhimurium</i> Infection in Neonatal Turkey Poults. <i>Animals</i> , 2020, 10, 1849.	1.0	5
27	Chitinous Materials for Control of Foodborne Pathogens and Mycotoxins in Poultry. , 0, , .		4