Edgar Garcia Manzanilla

List of Publications by Year
in descending order

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98 papers	2,831 citations	196777 29 h-index	232693 48 g-index
101 all docs	101 docs citations	101 times ranked	3167 citing authors

#	Article	IF	Citations
1	Effect of Phase Feeding, Space Allowance and Mixing on Productive Performance of Grower-Finisher Pigs. Animals, 2022, 12, 390.	1.0	8
2	Measurement of procalcitonin in saliva of pigs: a pilot study. BMC Veterinary Research, 2022, 18, 139.	0.7	6
3	Environmental Risk Factors Influence the Frequency of Coughing and Sneezing Episodes in Finisher Pigs on a Farm Free of Respiratory Disease. Animals, 2022, 12, 982.	1.0	7
4	Blood and faecal biomarkers to assess dietary energy, protein and amino acid efficiency of utilization by growing and finishing pigs. Porcine Health Management, 2022, 8, .	0.9	3
5	The utility of Amies charcoal bacteriology swabs for storage of canine urine prior to culture. Journal of Small Animal Practice, 2021, 62, 216-222.	0.5	0
6	Managing respiratory disease in finisher pigs: Combining quantitative assessments of clinical signs and the prevalence of lung lesions at slaughter. Preventive Veterinary Medicine, 2021, 186, 105208.	0.7	20
7	Severe tail lesions in finisher pigs are associated with reduction in annual profit in farrowâ€toâ€finish pig farms. Veterinary Record, 2021, 188, e13.	0.2	8
8	Effect of space allowance and mixing on growth performance and body lesions of grower-finisher pigs in pens with a single wet-dry feeder. Porcine Health Management, 2021, 7, 7.	0.9	13
9	Control and prevention of bacterial diseases in swine. , 2021, , 171-198.		1
10	Antimicrobial resistance in commensal Escherichia coli and Enterococcus spp. is influenced by production system, antimicrobial use, and biosecurity measures on Spanish pig farms. Porcine Health Management, 2021, 7, 27.	0.9	17
11	Clinical features, diagnosis, and survival analysis of dogs with glioma. Journal of Veterinary Internal Medicine, 2021, 35, 1902-1917.	0.6	33
12	High levels of standardized ileal digestible amino acids improve feed efficiency in slowâ€growing pigs at late growerâ€finisher stage. Journal of Animal Physiology and Animal Nutrition, 2021, , .	1.0	2
13	Risk Factors for Antimicrobial Use on Irish Pig Farms. Animals, 2021, 11, 2828.	1.0	2
14	Identifying challenges to manage body weight variation in pig farms implementing all-in-all-out management practices and their possible implications for animal health: a case study. Porcine Health Management, 2021, 7, 10.	0.9	5
15	Adding value to food chain information: using data on pig welfare and antimicrobial use on-farm to predict meat inspection outcomes. Porcine Health Management, 2021, 7, 55.	0.9	6
16	Effect of Raw and Extruded Propionic Acid-Treated Field Beans on Energy and Crude Protein Digestibility (In-Vitro and In-Vivo), Growth and Carcass Quality in Grow-Finisher Pigs. Animals, 2021, 11, 3080.	1.0	0
17	Current antimicrobial use in farm animals in the Republic of Ireland. Irish Veterinary Journal, 2020, 73, 11.	0.8	19
18	Does the Use of Different Indicators to Benchmark Antimicrobial Use Affect Farm Ranking?. Frontiers in Veterinary Science, 2020, 7, 558793.	0.9	16

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19	Financial Analysis of Herd Status and Vaccination Practices for Porcine Reproductive and Respiratory Syndrome Virus, Swine Influenza Virus, and Mycoplasma hyopneumoniae in Farrow-to-Finish Pig Farms Using a Bio-Economic Simulation Model. Frontiers in Veterinary Science, 2020, 7, 556674.	0.9	25
20	A cross-sectional survey on respiratory disease in a cohort of Irish pig farms. Irish Veterinary Journal, 2020, 73, 24.	0.8	15
21	The utility of combined urine dipstick analysis and specific gravity measurement to determine feline proteinuria. Journal of Small Animal Practice, 2020, 61, 541-546.	0.5	7
22	Quantification, description and international comparison of antimicrobial use on Irish pig farms. Porcine Health Management, 2020, 6, 30.	0.9	16
23	Monitoring of Farm-Level Antimicrobial Use to Guide Stewardship: Overview of Existing Systems and Analysis of Key Components and Processes. Frontiers in Veterinary Science, 2020, 7, 540.	0.9	76
24	Associations between animal and herd management factors, serological response to three respiratory pathogens and pluck lesions in finisher pigs on a farrow-to-finish farm. Porcine Health Management, 2020, 6, 34.	0.9	4
25	A bio-economic simulation study on the association between key performance indicators and pluck lesions in Irish farrow-to-finish pig farms. Porcine Health Management, 2020, 6, 40.	0.9	7
26	Adiponectin as a sepsis biomarker in dogs: Diagnostic and prognostic value. Veterinary Clinical Pathology, 2020, 49, 333-344.	0.3	3
27	Predicting Productive Performance in Grow-Finisher Pigs Using Birth and Weaning Body Weight. Animals, 2020, 10, 1017.	1.0	20
28	Exploration of risk factors for nonâ€survival and for transfusionâ€associated complications in cats receiving red cell transfusions: 450 cases (2009 to 2017). Journal of Small Animal Practice, 2020, 61, 177-184.	0.5	12
29	212 Biosecurity practices associated with negative farm status for Mycoplasma hyopneumoniae, porcine reproductive and respiratory syndrome virus, and swine influenza virus in farrow-to-finish pig farms. Journal of Animal Science, 2020, 98, 6-6.	0.2	0
30	211 Biosecurity practices associated with antimicrobial usage in farrow-to-finish pig farms. Journal of Animal Science, 2020, 98, 5-6.	0.2	1
31	Ear, tail and skin lesions vary according to different production flows in a farrow-to-finish pig farm. Porcine Health Management, 2019, 5, 19.	0.9	16
32	Description, evaluation, and validation of the Teagasc Pig Production Model1. Journal of Animal Science, 2019, 97, 2803-2821.	0.2	8
33	Big (pig) data and the internet of the swine things: a new paradigm in the industry. Animal Frontiers, 2019, 9, 6-15.	0.8	37
34	Removing prophylactic antibiotics from pig feed: how does it affect their performance and health?. BMC Veterinary Research, 2019, 15, 67.	0.7	35
35	Using the Biocheck.UGentâ„¢ scoring tool in Irish farrow-to-finish pig farms: assessing biosecurity and its relation to productive performance. Porcine Health Management, 2019, 5, 4.	0.9	25
36	Influence of sowsâ€™ parity on performance and humoral immune response of the offspring. Porcine Health Management, 2019, 5, 1.	0.9	23

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37	The diagnostic and prognostic value of paraoxonaseâ€1 and butyrylcholinesterase activities compared with acuteâ€phase proteins in septic dogs and stratified by the acute patient physiologic and laboratory evaluation score. Veterinary Clinical Pathology, 2019, 48, 740-747.	0.3	5
38	Heart to spine measurements to detect left atrial enlargement in dogs with mitral insufficiency. Irish Veterinary Journal, 2019, 72, 14.	0.8	6
39	Systematic review and meta-analysis of the effect of feed enzymes on growth and nutrient digestibility in grow-finisher pigs: Effect of enzyme type and cereal source. Animal Feed Science and Technology, 2019, 251, 153-165.	1.1	44
40	Prevalence of welfare outcomes in the weaner and finisher stages of the production cycle on 31 Irish pig farms. Irish Veterinary Journal, 2018, 71, 9.	0.8	27
41	Salmonella in breeding pigs: Shedding pattern, transmission of infection and the role of environmental contamination in Irish commercial farrowâ€toâ€finish herds. Zoonoses and Public Health, 2018, 65, e196-e206.	0.9	14
42	A radiographic measurement of left atrial size in dogs. Irish Veterinary Journal, 2018, 71, 25.	0.8	24
43	Evaluation of the Prevalence and Risk Factors for Undernutrition in Hospitalized Dogs. Frontiers in Veterinary Science, 2018, 5, 205.	0.9	18
44	C7 vertebra homeotic transformation in domestic dogs â€“ are Pug dogs breaking mammalian evolutionary constraints?. Journal of Anatomy, 2018, 233, 255-265.	0.9	12
45	Cross-Fostering Implications for Pig Mortality, Welfare and Performance. Frontiers in Veterinary Science, 2018, 5, 123.	0.9	46
46	Surveillance Data Highlights Feed Form, Biosecurity, and Disease Control as Significant Factors Associated with Salmonella Infection on Farrow-to-Finish Pig Farms. Frontiers in Microbiology, 2018, 9, 187.	1.5	7
47	Prevalence of feline herpesvirus-1, feline calicivirus, Chlamydophila felis and Mycoplasma felis DNA and associated risk factors in cats in Spain with upper respiratory tract disease, conjunctivitis and/or gingivostomatitis. Journal of Feline Medicine and Surgery, 2017, 19, 461-469.	0.6	45
48	Effect of feed enzymes on digestibility and growth in weaned pigs: A systematic review and meta-analysis. Animal Feed Science and Technology, 2017, 233, 145-159.	1.1	48
49	Prevalence of and risk factors for intraoperative gastroesophageal reflux and postanesthetic vomiting and diarrhea in dogs undergoing general anesthesia. Journal of Veterinary Emergency and Critical Care, 2017, 27, 397-408.	0.4	32
50	Early life indicators predict mortality, illness, reduced welfare and carcass characteristics in finisher pigs. Preventive Veterinary Medicine, 2017, 146, 94-102.	0.7	37
51	264 Effect of substituting field beans (Vicia faba) for soybean meal in diets for growâ€“finisher pigs. Journal of Animal Science, 2017, 95, 127-128.	0.2	0
52	Do weaner pigs need in-feed antibiotics to ensure good health and welfare?. PLoS ONE, 2017, 12, e0185622.	1.1	44
53	Delaying pigs from the normal production flow is associated with health problems and poorer performance. Porcine Health Management, 2017, 3, 13.	0.9	25
54	Surgical castration with pain relief affects the health and productive performance of pigs in the suckling period. Porcine Health Management, 2017, 3, 18.	0.9	17

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55	250 Effect of protease and Î±-galactosidase supplementation to field bean (Vicia faba)â€“based diets on growth and carcass traits of growâ€“finisher pigs. Journal of Animal Science, 2017, 95, 120-121.	0.2	0
56	Validation of carcass lesions as indicators for on-farm health and welfare of pigs1. Journal of Animal Science, 2017, 95, 1528-1536.	0.2	29
57	Effect of enzyme supplements on macronutrient digestibility by healthy adult dogs. Journal of Nutritional Science, 2017, 6, e12.	0.7	5
58	Blood parameters as biomarkers in a Salmonella spp. disease model of weaning piglets. PLoS ONE, 2017, 12, e0186781.	1.1	5
59	082 Blood parameters as piglet health biomarkers in an experimental infection with Salmonella spp. Journal of Animal Science, 2016, 94, 38-39.	0.2	0
60	Study on the Association between Tail Lesion Score, Cold Carcass Weight, and Viscera Condemnations in Slaughter Pigs. Frontiers in Veterinary Science, 2016, 3, 24.	0.9	44
61	Relationship between tail lesions and lung health in slaughter pigs. Preventive Veterinary Medicine, 2016, 127, 21-26.	0.7	34
62	Influence of dietary electrolyte balance on feed preference and growth performance of postweaned piglets1. Journal of Animal Science, 2015, 93, 2840-2848.	0.2	15
63	Managing variability in decision making in swine growing-finishing units. Irish Veterinary Journal, 2015, 68, 20.	0.8	9
64	Plasma iron, Câ€reactive protein, albumin, and plasma fibrinogen concentrations in dogs with systemic inflammatory response syndrome. Journal of Veterinary Emergency and Critical Care, 2015, 25, 611-619.	0.4	36
65	Zn status of sows and piglets as affected by diet and sow parity. Livestock Science, 2015, 178, 337-344.	0.6	3
66	Effect of different levels of calcium and phosphorus and their interaction on the performance of young broilers. Poultry Science, 2015, 94, 2144-2151.	1.5	48
67	Evaluation of the use of esterified fatty acid oils enriched in mediumâ€chain fatty acids in weight loss diets for dogs. Journal of Animal Physiology and Animal Nutrition, 2015, 99, 48-59.	1.0	5
68	A comparison of traditional and quantitative analysis of acidâ€“base imbalances in hypoalbuminemic dogs. Journal of Veterinary Emergency and Critical Care, 2014, 24, 509-518.	0.4	6
69	Management factors affecting mortality, feed intake and feed conversion ratio of grow-finishing pigs. Animal, 2014, 8, 1312-1318.	1.3	38
70	Effect of porcine circovirus type 2 (PCV2) load in serum on average daily weight gain during the postweaning period. Veterinary Microbiology, 2014, 174, 296-301.	0.8	15
71	Effect of gestation management system on gilt and piglet performance. Animal Welfare, 2014, 23, 343-351.	0.3	7
72	Effect of weaning and inâ€feed high doses of zinc oxide on zinc levels in different body compartments of piglets. Journal of Animal Physiology and Animal Nutrition, 2013, 97, 6-12.	1.0	33

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73	Comparison of postprandial lipaemia between native and palm random esterified acid oils in two different monogastric species (dogs and broiler chickens). Journal of Animal Physiology and Animal Nutrition, 2013, 97, 74-79.	1.0	0
74	Piglet behavior as a measure of vitality and its influence on piglet survival and growth during lactation. Journal of Animal Science, 2013, 91, 1838-1843.	0.2	52
75	Descriptive study of production factors affecting performance traits in growing-finishing pigs in Spain. Spanish Journal of Agricultural Research, 2013, 11, 371.	0.3	10
76	Coarse, but not finely ground, dietary fibre increases intestinalFirmicutes:Bacteroidetesratio and reduces diarrhoea induced by experimental infection in piglets. British Journal of Nutrition, 2012, 108, 9-15.	1.2	68
77	Evolution of zinc, iron, and copper concentrations along the gastrointestinal tract of piglets weaned with or without in-feed high doses of zinc oxide compared to unweaned littermates1. Journal of Animal Science, 2012, 90, 248-250.	0.2	9
78	Role of in-feed clove supplementation on growth performance, intestinal microbiology, and morphology in broiler chicken. Livestock Science, 2012, 147, 113-118.	0.6	31
79	Influence of a high-protein diet on energy balance in obese cats allowed ad libitum access to food. Journal of Animal Physiology and Animal Nutrition, 2011, 95, 359-367.	1.0	22
80	Influence of dietary ingredients on in vitro inflammatory response of intestinal porcine epithelial cells challenged by an enterotoxigenic Escherichia coli (K88). Comparative Immunology, Microbiology and Infectious Diseases, 2011, 34, 479-488.	0.7	47
81	Effect and interaction between wheat bran and zinc oxide on productive performance and intestinal health in post-weaning piglets. British Journal of Nutrition, 2011, 105, 1592-1600.	1.2	53
82	Effects of dietary n-3 fatty acids in fat metabolism and thyroid hormone levels when compared to dietary saturated fatty acids in chickens. Livestock Science, 2010, 131, 287-291.	0.6	24
83	Effects of the insoluble and soluble dietary fibre on the physicochemical properties of digesta and the microbial activity in early weaned piglets. Animal Feed Science and Technology, 2009, 149, 346-353.	1.1	80
84	Different fibrous ingredients and coarsely ground maize affect hindgut fermentation in the pig in vitro but not Salmonella Typhimurium survival. Animal Feed Science and Technology, 2009, 153, 141-152.	1.1	3
85	Dietary protein modifies effect of plant extracts in the intestinal ecosystem of the pig at weaning1. Journal of Animal Science, 2009, 87, 2029-2037.	0.2	28
86	High Levels of Dietary Unsaturated Fat Decrease Î±-Tocopherol Content of Whole Body, Liver, and Plasma of Chickens Without Variations in Intestinal Apparent Absorption. Poultry Science, 2008, 87, 497-505.	1.5	22
87	Evaluation of a dynamic in vitro model to simulate the porcine ileal digestion of diets differing in carbohydrate composition1. Journal of Animal Science, 2008, 86, 1156-1163.	0.2	20
88	Fatty acid, protein and energy gain of broilers fed different dietary vegetable oils. Spanish Journal of Agricultural Research, 2008, 6, 210.	0.3	17
89	Dietary nucleotide supplementation reduces occurrence of diarrhoea in early weaned pigs. Livestock Science, 2007, 108, 276-279.	0.6	56
90	Spray-dried porcine plasma affects intestinal morphology and immune cell subsets of weaned pigs. Livestock Science, 2007, 108, 299-302.	0.6	19

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91	Use of spray-cooling technology for development of microencapsulated capsicum oleoresin for the growing pig as an alternative to in-feed antibiotics: A study of release using in vitro models1. Journal of Animal Science, 2007, 85, 2699-2710.	0.2	14
92	Changes in caecal microbiota and mucosal morphology of weaned pigs. Veterinary Microbiology, 2007, 124, 239-247.	0.8	73
93	The response of gastrointestinal microbiota to avilamycin, butyrate, and plant extracts in early-weaned pigs1,2. Journal of Animal Science, 2006, 84, 2725-2734.	0.2	115
94	Quantification of total bacteria, enterobacteria and lactobacilli populations in pig digesta by real-time PCR. Veterinary Microbiology, 2006, 114, 165-170.	0.8	244
95	Effects of butyrate, avilamycin, and a plant extract combination on the intestinal equilibrium of early-weaned pigs1. Journal of Animal Science, 2006, 84, 2743-2751.	0.2	130
96	Effects of spray-dried porcine plasma and plant extracts on intestinal morphology and on leukocyte cell subsets of weaned pigs1. Journal of Animal Science, 2006, 84, 2735-2742.	0.2	144
97	Egg Yolk Color as Affected by Saponification of Different Natural Pigmenting Sources. Journal of Applied Poultry Research, 2004, 13, 328-334.	0.6	58
98	Effect of plant extracts and formic acid on the intestinal equilibrium of early-weaned pigs1. Journal of Animal Science, 2004, 82, 3210-3218.	0.2	205