

Candido Pomar

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

392
citations

1039406

9
h-index

839053

18
g-index

32
all docs

32
docs citations

32
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	Applying precision feeding techniques in growing-finishing pig operations. Revista Brasileira De Zootecnia, 2009, 38, 226-237.	0.3	72
2	Precision pig feeding: a breakthrough toward sustainability. Animal Frontiers, 2019, 9, 52-59.	0.8	69
3	Dynamics of Pig Slurry Nitrogen in Soil and Plant as Determined with ¹⁵ N. Soil Science Society of America Journal, 2004, 68, 637-643.	1.2	65
4	Environmental Impacts of Pig and Poultry Production: Insights From a Systematic Review. Frontiers in Veterinary Science, 2021, 8, 750733.	0.9	36
5	Estimation of carcass composition and cut composition from computed tomography images of live growing pigs of different genotypes. Animal, 2015, 9, 166-178.	1.3	30
6	Precision feeding strategy for growing pigs under heat stress conditions ¹ . Journal of Animal Science, 2018, 96, 4789-4801.	0.2	24
7	Pigs receiving daily tailored diets using precision-feeding techniques have different threonine requirements than pigs fed in conventional phase-feeding systems. Journal of Animal Science and Biotechnology, 2019, 10, 16.	2.1	23
8	Dynamics of Pig Slurry Nitrogen in Soil and Plant as Determined with N. Soil Science Society of America Journal, 2004, 68, 637.	1.2	22
9	Feeding Strategies to Reduce Nutrient Losses and Improve the Sustainability of Growing Pigs. Frontiers in Veterinary Science, 2021, 8, 742220.	0.9	16
10	Use of dual-energy x-ray absorptiometry in non-ruminant nutrition research. Revista Brasileira De Zootecnia, 2017, 46, 621-629.	0.3	11
11	Application of extended feed withdrawal time preslaughter and its effects on animal welfare and carcass and meat quality of enriched-housed pigs. Meat Science, 2020, 167, 108163.	2.7	6
12	Estimating Amino Acid Requirements in Real-Time for Precision-Fed Pigs: The Challenge of Variability among Individuals. Animals, 2021, 11, 3354.	1.0	4
13	The effects of feeding finishing pigs of two genders with a high fiber and high fat diet on muscle glycolytic potential at slaughter and meat quality. Meat Science, 2021, 177, 108484.	2.7	3
14	Meeting individual nutrient requirements to improve nutrient efficiency and the sustainability of growing pig production systems. Burleigh Dodds Series in Agricultural Science, 2017, , 287-301.	0.1	3
15	Technical Note: In vivo estimation of lipogenesis using a bolus injection of [U-13C]glucose in pigs. Journal of Animal Science, 2021, 99, .	0.2	2
16	Prandial Correlations and Structure of the Ingestive Behavior of Pigs in Precision Feeding Programs. Animals, 2021, 11, 2998.	1.0	2
17	Social Welfare and the Selection of the Optimum Hog Slaughter Weight in Quebec. Canadian Journal of Agricultural Economics, 2003, 51, 259-279.	1.2	1
18	PSVII-21 Revision of the model estimating real-time Lys requirements in individual growing-finishing pigs. Journal of Animal Science, 2019, 97, 223-223.	0.2	1

#	ARTICLE	IF	CITATIONS
19	155 Low Insulin Sensitivity Is Associated with Increased Body Fat and Changes in Gene Expression of Lipogenic Enzymes in the Adipose Tissue of Finishing Pigs. <i>Journal of Animal Science</i> , 2021, 99, 83-84.	0.2	1
20	PSVIII-40 Late-Breaking Abstract: Variability in body composition is associated with insulin sensitivity in growing-finishing pigs. <i>Journal of Animal Science</i> , 2020, 98, 350-351.	0.2	1
21	46 How far we could go reducing crude protein with the use of supplemental amino acids. <i>Journal of Animal Science</i> , 2019, 97, 22-23.	0.2	0
22	PSVII-6 Precision feeding and reduced crude protein on nitrogen efficiency of pigs raised under tropical conditions. <i>Journal of Animal Science</i> , 2019, 97, 361-361.	0.2	0
23	66 Strategies to Improve Phosphorus Utilization in Growing Pigs: Depletion-repletion Protocols. <i>Journal of Animal Science</i> , 2021, 99, 41-42.	0.2	0
24	Impact of diet type and xylanase supplementation on the ileal digestibility of nutrients, and growth performance in growing-finishing pigs. <i>Canadian Journal of Animal Science</i> , 0, , .	0.7	0
25	78 Opportunities and Limitations of Modeling and Data Analytics for Precision Livestock Farming. <i>Journal of Animal Science</i> , 2021, 99, 44-45.	0.2	0
26	PSIV-B-29 Evaluating the effect of different feeding strategies in feeding behavior through a novel behavior index integrating several components of the feeding behavior of finishing pigs. <i>Journal of Animal Science</i> , 2021, 99, 224-224.	0.2	0
27	Early detection of individual growing pigs' sanitary challenges using functional data analysis of real-time feed intake patterns. <i>Communications in Statistics Case Studies Data Analysis and Applications</i> , 0, , 1-21.	0.3	0
28	290 Phosphorus and calcium requirements of growing pigs predicted by mechanistic modelling. <i>Journal of Animal Science</i> , 2020, 98, 107-108.	0.2	0
29	262 Ability of Model that Predict Growing-Finishing Pigs Requirements to Predict Dietary Phosphorus Use in Replacement Gilts. <i>Journal of Animal Science</i> , 2022, 100, 23-24.	0.2	0
30	63 Effects of Dietary Calcium and Phosphorus Deficiency on Growth Performance and Subsequent Recovery of Bone Mineralization in Replacement Gilts. <i>Journal of Animal Science</i> , 2022, 100, 24-24.	0.2	0
31	PSI-1 Depletion and Repletion Dynamics of Individual and Regional Bone-Mineral Reserves in Replacement Gilts Fed Different Levels of Dietary Phosphorus and Calcium. <i>Journal of Animal Science</i> , 2022, 100, 195-196.	0.2	0