

Z Sun

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4233947/publications.pdf>

Version: 2024-02-01

20
papers

295
citations

933447

10
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

302
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutual interaction between gut microbiota and protein/amino acid metabolism for host mucosal immunity and health. <i>Animal Nutrition</i> , 2021, 7, 11-16.	5.1	43
2	Oral administration of synthetic porcine beta-defensin-2 improves growth performance and cecal microbial flora and down-regulates the expression of intestinal toll-like receptor-4 and inflammatory cytokines in weaned piglets challenged with enterotoxigenic <i>Escherichia coli</i> . <i>Animal Science Journal</i> , 2016, 87, 1258-1266.	1.4	39
3	Comparative effects of dietary supplementations with sodium butyrate, medium-chain fatty acids, and n-3 polyunsaturated fatty acids in late pregnancy and lactation on the reproductive performance of sows and growth performance of suckling piglets. <i>Journal of Animal Science</i> , 2019, 97, 4256-4267.	0.5	37
4	Dietary Tryptophan Levels Impact Growth Performance and Intestinal Microbial Ecology in Weaned Piglets via Tryptophan Metabolites and Intestinal Antimicrobial Peptides. <i>Animals</i> , 2021, 11, 817.	2.3	20
5	Effects of Dietary <i>Yucca Schidigera</i> Extract and Oral <i>Candida utilis</i> on Growth Performance and Intestinal Health of Weaned Piglets. <i>Frontiers in Nutrition</i> , 2021, 8, 685540.	3.7	20
6	Effects of <i>Rhodotorula mucilaginosa</i> fermentation product on the laying performance, egg quality, jejunal mucosal morphology and intestinal microbiota of hens. <i>Journal of Applied Microbiology</i> , 2020, 128, 54-64.	3.1	19
7	The effects of dietary sodium butyrate supplementation on the growth performance, carcass traits and intestinal microbiota of growing-finishing pigs. <i>Journal of Applied Microbiology</i> , 2020, 128, 1613-1623.	3.1	18
8	Effects of dietary calcium pyruvate on gastrointestinal tract development, intestinal health and growth performance of newly weaned piglets fed low-protein diets. <i>Journal of Applied Microbiology</i> , 2020, 128, 355-365.	3.1	14
9	Low-Protein Diets Decrease Porcine Nitrogen Excretion but with Restrictive Effects on Amino Acid Utilization. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 8262-8271.	5.2	13
10	Pyruvate is an effective substitute for glutamate in regulating porcine nitrogen excretion. <i>Journal of Animal Science</i> , 2018, 96, 3804-3814.	0.5	10
11	NAD ⁺ and its possible role in gut microbiota: Insights on the mechanisms by which gut microbes influence host metabolism. <i>Animal Nutrition</i> , 2022, 10, 360-371.	5.1	10
12	The effects of different dietary crude protein level on faecal crude protein and amino acid flow and digestibility in growing pigs. <i>Journal of Applied Animal Research</i> , 2018, 46, 74-80.	1.2	8
13	Reducing protein content in the diet of growing goats: implications for nitrogen balance, intestinal nutrient digestion and absorption, and rumen microbiota. <i>Animal</i> , 2020, 14, 2063-2073.	3.3	8
14	Tryptophan promoted Î²-defensin-2 expression via the mTOR pathway and its metabolites: kynurenine binding to aryl hydrocarbon receptor in rat intestine. <i>RSC Advances</i> , 2020, 10, 3371-3379.	3.6	8
15	Activation of Pyruvate Dehydrogenase by Sodium Dichloroacetate Shifts Metabolic Consumption from Amino Acids to Glucose in IPEC-J2 Cells and Intestinal Bacteria in Pigs. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3793-3800.	5.2	7
16	Effects of adding sodium dichloroacetate to low-protein diets on nitrogen balance and amino acid metabolism in the portal-drained viscera and liver of pigs. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 36.	5.3	7
17	Effects of Dietary Protein Levels on Fecal Amino Acids Excretion and Apparent Digestibility, and Fecal and Ileal Microbial Amino Acids Composition in Weaned Piglets. <i>Frontiers in Nutrition</i> , 2021, 8, 738707.	3.7	5
18	Effects of supplementing low-protein diets with sodium dichloroacetate and glucose on growth performance, carcass traits, and meat quality of growing-finishing pigs. <i>Journal of Animal Science</i> , 2022, 100, .	0.5	4

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19	Regulatory Functions of Fatty Acids with Different Chain Lengths on the Intestinal Health in Pigs and Relative Signaling Pathways. <i>Current Protein and Peptide Science</i> , 2019, 20, 674-682.	1.4	3
20	Isolation, Identification and Function of <i>Pichia anomala</i> AR2016 and Its Effects on the Growth and Health of Weaned Pigs. <i>Animals</i> , 2021, 11, 1179.	2.3	2