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The role of dietary nucleotides in single-stomached animals

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#	Paper	IF	Citations
82	Nucleotide enrichment of live feed: a promising protocol for rearing of Atlantic cod <i>Gadus morhua</i> larvae. <i>Marine Biotechnology</i> , 2012 , 14, 544-58	3.4	10
81	The effects of pure nucleotides on performance, humoral immunity, gut structure and numbers of intestinal bacteria of newly weaned pigs. <i>Journal of Animal Science</i> , 2012 , 90, 3126-34	0.7	33
80	Short-term effect of dietary yeast nucleotide supplementation on small intestinal enzyme activities, bacterial populations and metabolites and ileal nutrient digestibilities in newly weaned pigs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2012 , 96, 700-8	2.6	14
79	Prevention of post weaning diarrhoea by a <i>Saccharomyces cerevisiae</i> -derived product based on whole yeast. <i>Animal Feed Science and Technology</i> , 2013 , 183, 29-39	3	4
78	Inclusion of yeast-derived protein in weanling diet improves growth performance, intestinal health, and anti-oxidative capability of piglets. <i>Czech Journal of Animal Science</i> , 2014 , 59, 327-336	1.1	9
77	Alternatives to antibiotic growth promoters for weanling pigs. <i>Ciencia Rural</i> , 2015 , 45, 1093-1098	1.3	5
76	Alternatives to antibiotics in animal agriculture: an ecoimmunological view. <i>Pathogens</i> , 2014 , 4, 1-19	4.5	11
75	Abstracts from the 15th Biennial Conference of APSA. <i>Animal Production Science</i> , 2015 , 55, 1448	1.4	
74	Dose-response effects of in-feed antibiotics on growth performance and nutrient utilization in weaned pigs fed diets supplemented with yeast-based nucleotides. <i>Animal Nutrition</i> , 2015 , 1, 166-169	4.8	10
73	Short-term effect of supplemental yeast extract without or with feed enzymes on growth performance, immune status and gut structure of weaned pigs challenged with lipopolysaccharide. <i>Journal of Animal Science and Biotechnology</i> , 2016 , 7, 64	6	15
72	Effects of dietary supplementation with uridine monophosphate on performance and intestinal morphology of weanling piglets ¹ . <i>Journal of Animal Science</i> , 2016 , 94, 82-86	0.7	11
71	Dietary yeast-based nucleotides as an alternative to in-feed antibiotics in promoting growth performance and nutrient utilization in weaned pigs. <i>Canadian Journal of Animal Science</i> , 2016 , 96, 289-293	0.9	16
70	Effect of yeast-derived products and distillers dried grains with solubles (DDGS) on antibody-mediated immune response and gene expression of pattern recognition receptors and cytokines in broiler chickens immunized with T-cell dependent antigens. <i>Poultry Science</i> , 2016 , 95, 823-33	3.9	5
69	Effect of yeast-derived products and distillers dried grains with solubles (DDGS) on growth performance and local innate immune response of broiler chickens challenged with <i>Clostridium perfringens</i> . <i>Avian Pathology</i> , 2016 , 45, 334-45	2.4	15
68	Artemia enriched with hydrolyzed yeast improves growth and stress resistance of marine pejerrey <i>Odontesthes argentinensis</i> larvae. <i>Aquaculture</i> , 2016 , 450, 173-181	4.4	7
67	Dietary glutamine, glutamic acid and nucleotides increase the carbon turnover ($\delta^{13}C$) on the intestinal mucosa of weaned piglets. <i>Animal</i> , 2017 , 11, 1472-1481	3.1	7
66	Combination of purine and pyrimidine nucleosides influences growth performance, gut morphology, digestive enzymes, serum biochemical indices and immune functions in broiler chickens. <i>Animal Feed Science and Technology</i> , 2017 , 228, 186-193	3	6

65	Dietary supplementation with a nucleotide-rich yeast extract modulates gut immune response and microflora in weaned pigs in response to a sanitary challenge. <i>Animal</i> , 2017 , 11, 2156-2164	3.1	29
64	Effect of purine nucleosides on growth performance, gut morphology, digestive enzymes, serum profile and immune response in broiler chickens. <i>British Poultry Science</i> , 2017 , 58, 536-543	1.9	11
63	Nutritional support for low birth weight infants: insights from animal studies. <i>British Journal of Nutrition</i> , 2017 , 117, 1390-1402	3.6	15
62	The Importance of Human Milk for Immunity in Preterm Infants. <i>Clinics in Perinatology</i> , 2017 , 44, 23-47	2.8	64
61	Effects of pyrimidine nucleosides on growth performance, gut morphology, digestive enzymes, serum biochemical indices and immune response in broiler chickens. <i>Livestock Science</i> , 2017 , 204, 1-6	1.7	6
60	Comparative digestibility of energy and ileal amino acids in yeast extract and spray-dried porcine plasma fed to pigs. <i>Archives of Animal Nutrition</i> , 2018 , 72, 76-84	2.7	6
59	Dietary nucleotides supplementation during the suckling period improves the antioxidative ability of neonates with intrauterine growth retardation when using a pig model.. <i>RSC Advances</i> , 2018 , 8, 16152-16167	3.7	167
58	Non-antibiotic feed additives in diets for pigs: A review. <i>Animal Nutrition</i> , 2018 , 4, 113-125	4.8	117
57	Nucleotide-mediated SPDEF modulates TFF3-mediated wound healing and intestinal barrier function during the weaning process. <i>Scientific Reports</i> , 2018 , 8, 4827	4.9	7
56	Yeast and yeast derivatives in feed additives and ingredients: Sources, characteristics, animal responses, and quantification methods. <i>Animal Feed Science and Technology</i> , 2018 , 235, 60-76	3	109
55	Effects of dietary yeast nucleotides supplementation on intestinal barrier function, intestinal microbiota, and humoral immunity in specific pathogen-free chickens. <i>Poultry Science</i> , 2018 , 97, 3837-3846	3.9	23
54	Timing carbon turnover ($\delta^{13}C$) in weaned piglet's brain by IRMS. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018 , 90, 2469-2478	1.4	2
53	Intestinal Nucleoside Transporters: Function, Expression, and Regulation. <i>Comprehensive Physiology</i> , 2018 , 8, 1003-1017	7.7	26
52	Growth performance and intestinal replacement time of ^{13}C in newly weaned piglets supplemented with nucleotides or glutamic acid. <i>Livestock Science</i> , 2019 , 227, 160-165	1.7	3
51	Supplemental effects of dietary nucleotides on intestinal health and growth performance of newly weaned pigs. <i>Journal of Animal Science</i> , 2019 , 97, 4875-4882	0.7	21
50	Multi-strain yeast fraction product supplementation can alleviate weaning stress and improve performance and health of piglets raised under low sanitary conditions. <i>Journal of the Science of Food and Agriculture</i> , 2019 , 99, 6076-6083	4.3	4
49	Dietary nucleotide rich yeast extract mitigated symptoms of colibacillosis in weaned pigs challenged with an enterotoxigenic strain of Escherichia coli. <i>Animal Feed Science and Technology</i> , 2019 , 254, 114204	3	5
48	Effect of nucleotides supplementation to low-fish meal feed on long-chain polyunsaturated fatty acid composition of juvenile rainbow trout <i>Oncorhynchus mykiss</i> . <i>Aquaculture Research</i> , 2019 , 50, 2218-2230	1.9	4

47	IRMS as a tool to obtain the carbon turnover (IC) in organs of weaned piglets fed glutamic acid and nucleotides. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019 , 103, 906-914	2.6	2
46	Yeast extract could be used as a partial substitute for spray-dried porcine plasma in diets for weaned pigs. <i>Livestock Science</i> , 2019 , 224, 20-25	1.7	1
45	Dietary yeast extract complex supplementation increases growth performance and nutrient digestibility of weaning pigs. <i>Livestock Science</i> , 2019 , 230, 103850	1.7	2
44	Effects of nucleotide supplementation on growth performance, nutrient digestibility, and immune blood profiles related to foot-and-mouth disease in vaccinated growing pigs. <i>Canadian Journal of Animal Science</i> , 2019 , 99, 326-331	0.9	0
43	Cumulative effect of yeast extract and fructooligosaccharide supplementation on composition and metabolic activity of elderly colonic microbiota in vitro. <i>Journal of Functional Foods</i> , 2019 , 52, 43-53	5.1	6
42	Growth performance of nursery pigs fed diets containing increasing levels of a novel high-protein corn distillers dried grains with solubles. <i>Translational Animal Science</i> , 2019 , 3, 350-358	1.4	9
41	Saccharomyces cerevisiae as a probiotic feed additive to non and pseudo-ruminant feeding: a review. <i>Journal of Applied Microbiology</i> , 2020 , 128, 658-674	4.7	35
40	Gene expression and gastrointestinal function is altered in piglet small intestine by weaning and inclusion of Cyberlindnera jadinii yeast as a protein source. <i>Journal of Functional Foods</i> , 2020 , 73, 104118 ^{5.1}	5.1	4
39	Growth and physiological response of juvenile common carp (Cyprinus carpio) to increased levels of dietary niacin. <i>Journal of Applied Aquaculture</i> , 2020 , 1-13	0.8	1
38	ASAS-NANP SYMPOSIUM: RUMINANT/NONRUMINANT FEED COMPOSITION: Challenges and opportunities associated with creating large feed composition tables. <i>Journal of Animal Science</i> , 2020 , 98,	0.7	
37	Influence of dietary fermented Saccharomyces cerevisiae on growth performance, oxidative stress parameters, and immune response of cultured Oreochromis niloticus. <i>Fish Physiology and Biochemistry</i> , 2020 , 46, 533-545	2.7	7
36	Effects of nucleotides administration on growth performance and immune response of post-weaning piglets. <i>Italian Journal of Animal Science</i> , 2020 , 19, 295-301	2.2	4
35	Yeast cell wall polysaccharides enhanced expression of T helper type 1 and 2 cytokines profile in chicken B lymphocytes exposed to LPS challenge and enzyme treatment. <i>British Poultry Science</i> , 2021 , 62, 125-130	1.9	4
34	Intestinal Health of Pigs Upon Weaning: Challenges and Nutritional Intervention. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 628258	3.1	9
33	Effects of dietary supplementation of nucleotides from late gestation to lactation on the performance and oxidative stress status of sows and their offspring. <i>Animal Nutrition</i> , 2021 , 7, 111-118	4.8	5
32	Effects of including autolyzed yeast in the finishing of feedlot steers. <i>Semina:Ciencias Agrarias</i> , 2021 , 42, 2471-2488	0.6	0
31	Interactive effect of dietary fish oil and pyrimidine nucleotide supplementation on the fatty acid composition of juvenile rainbow trout <i>Oncorhynchus mykiss</i> : Enhancement of ARA and DHA contents in the fillet of fish fed-supplemented diet. <i>Aquaculture Research</i> , 2021 , 52, 4934-4945	1.9	2
30	Investigation of Early Supplementation of Nucleotides on the Intestinal Maturation of Weaned Piglets. <i>Animals</i> , 2021 , 11,	3.1	0

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28	Effect of probiotic and nucleotide supplementation in milk replacer on growth performance and fecal bacteria in calves. <i>Livestock Science</i> , 2021 , 250, 104556	1.7	1
27	The Impact of Weaning Stress on Gut Health and the Mechanistic Aspects of Several Feed Additives Contributing to Improved Gut Health Function in Weanling Piglets-A Review. <i>Animals</i> , 2021 , 11,	3.1	3
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20	Digestible and metabolizable energy concentrations and amino acid digestibility of dried yeast and soybean meal for growing pigs. <i>Journal of Animal Science</i> , 2021 , 99,	0.7	1
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18	Dietary supplementation with hydrolyzed yeast and its effect on the performance, intestinal microbiota, and immune response of weaned piglets. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020 , 92, e20180969	1.4	1
17	A study of nucleotides in weaning pigs challenged with <i>Escherichia coli</i> K88. <i>Animal Production Science</i> , 2015 , 55, 1570	1.4	
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14	Oral administration of nucleotides in calves: Effects on oxidative status, immune response, and intestinal mucosa development.. <i>Journal of Dairy Science</i> , 2022 ,	4	0
13	Effect of nucleotides and turmeric extract on blood protein and body weight of broiler kept in open cages. <i>IOP Conference Series: Earth and Environmental Science</i> , 2022 , 1001, 012005	0.3	
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6	Uridine affects amino acid metabolism in sow-piglets model and increases viability of pTr2 cells. 9,		0
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3	Dietary nucleotides influences intestinal barrier function, immune responses and microbiota in 3-day-old weaned piglets. 2023 , 117, 109888		0
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1	Dietary inclusion of methanotrophic microbial cell-derived protein in the early post-weaning period sustains growth performance and intestinal health of weaner piglets. 2023 , 100798		0