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List of Publications by Year in descending order

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68

papers

2,059

citations

257101

24

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68

docs citations

68

times ranked

2439

citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative cytotoxicity of deoxynivalenol, nivalenol, their acetylated derivatives and de-epoxy metabolites. Food and Chemical Toxicology, 2004, 42, 619-624.	1.8	197
2	Dietary live yeast and increased water temperature influence the gut microbiota of rainbow trout. Journal of Applied Microbiology, 2018, 124, 1377-1392.	1.4	112
3	Inclusion of Chicory (<i>Cichorium intybus</i> L.) in Pigs' Diets Affects the Intestinal Microenvironment and the Gut Microbiota. Applied and Environmental Microbiology, 2012, 78, 4102-4109.	1.4	102
4	Metabolism of Estrogenic Isoflavones in Domestic Animals. Experimental Biology and Medicine, 1995, 208, 33-39.	1.1	95
5	Effects of <i>Lactobacillus johnsonii</i> and <i>Lactobacillus reuteri</i> on gut barrier function and heat shock proteins in intestinal porcine epithelial cells. Physiological Reports, 2015, 3, e12355.	0.7	89
6	Influence of soaking, fermentation and phytase supplementation on nutrient digestibility in pigs offered a grower diet based on wheat and barley. Animal Science, 2006, 82, 853-858.	1.3	77
7	Comparative levels of free and conjugated plant estrogens in blood plasma of sheep and cattle fed estrogenic silage. Journal of Agricultural and Food Chemistry, 1990, 38, 1530-1534.	2.4	67
8	Effects of dietary inclusion of the yeasts <i>Saccharomyces cerevisiae</i> and <i>Wickerhamomyces anomalus</i> on gut microbiota of rainbow trout. Aquaculture, 2017, 473, 528-537.	1.7	66
9	Determination of free amino acids in pig plasma by precolumn derivatization with 6-N-aminoquinolyl-N-hydroxysuccinimidyl carbamate and high-performance liquid chromatography. Biomedical Applications, 1997, 696, 1-8.	1.7	65
10	Evaluation of Filamentous Fungal Biomass Cultivated on Vinasse as an Alternative Nutrient Source of Fish Feed: Protein, Lipid, and Mineral Composition. Fermentation, 2019, 5, 99.	1.4	65
11	Dietary flavonoids with a catechol structure increase $\hat{\alpha}$ -tocopherol in rats and protect the vitamin from oxidation in vitro. Journal of Lipid Research, 2006, 47, 2718-2725.	2.0	59
12	Digestibility of microbial and mussel meal for Arctic charr (<i>Salvelinus alpinus</i>) and Eurasian perch (<i>Perca fluviatilis</i>). Aquaculture Nutrition, 2016, 22, 485-495.	1.1	52
13	Effects of microbe- and mussel-based diets on the gut microbiota in Arctic charr (<i>Salvelinus alpinus</i>). Aquaculture Reports, 2017, 5, 34-40.	0.7	50
14	Effects of Dietary Anthocyanins on Tocopherols and Lipids in Rats. Journal of Agricultural and Food Chemistry, 2002, 50, 7226-7230.	2.4	48
15	Evaluation of growth performance and intestinal barrier function in Arctic Charr (<i>Salvelinus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 mussel (<i>Mytilus edulis</i>). Aquaculture Nutrition, 2016, 22, 1348-1360.	1.1	41
16	Heat Shock Proteins: Intestinal Gatekeepers that Are Influenced by Dietary Components and the Gut Microbiota. Pathogens, 2014, 3, 187-210.	1.2	38
17	<i>Lactobacillus reuteri</i> strains protect epithelial barrier integrity of IPEC-J2 monolayers from the detrimental effect of enterotoxigenic <i>Escherichia coli</i> . Physiological Reports, 2018, 6, e13514.	0.7	38
18	Metabolic insights in Arctic charr (<i>Salvelinus alpinus</i>) fed with zygomycetes and fish meal diets as assessed in liver using nuclear magnetic resonance (NMR) spectroscopy. International Aquatic Research, 2014, 6, 1.	1.5	37

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19	Cytotoxicity of four trichothecenes evaluated by three colorimetric bioassays. Mycopathologia, 1999, 147, 149-155.	1.3	35
20	Dietary secoisolariciresinol diglucoside and its oligomers with 3-hydroxy-3-methyl glutaric acid decrease vitamin E levels in rats. British Journal of Nutrition, 2004, 92, 169-176.	1.2	33
21	The Dietary Hydroxycinnamate Caffeic Acid and Its Conjugate Chlorogenic Acid Increase Vitamin E and Cholesterol Concentrations in SpragueâDawley Rats. Journal of Agricultural and Food Chemistry, 2003, 51, 2526-2531.	2.4	32
22	Spent brewer's yeast as a replacement for fishmeal in diets for giant freshwater prawn (<i>Macrobrachium rosenbergii</i>), reared in either clear water or a biofloc environment. Aquaculture Nutrition, 2019, 25, 970-979.	1.1	29
23	Conjugation of the plant estrogens formononetin and daidzein and their metabolite equol by gastrointestinal epithelium from cattle and sheep. Journal of Agricultural and Food Chemistry, 1990, 38, 1012-1016.	2.4	28
24	Ileal amino acid digestibilities in pigs of barley-based diets with inclusion of lucerne (<i>Medicago</i>) ryegrass (<i>Lolium perenne</i>). British Journal of Nutrition, 1999, 82, 139-147.	1.2	27
25	Comparative evaluation of Brewer's yeast as a replacement for fishmeal in diets for tilapia (<i>Oreochromis niloticus</i>), reared in clear water or biofloc environments. Aquaculture, 2018, 495, 654-660.	1.7	26
26	Feeding stimulants in an omnivorous species, crucian carp <i>Carassius carassius</i> (Linnaeus 1758). Aquaculture Reports, 2016, 4, 66-73.	0.7	25
27	Growth performance, nutrient digestibility and intestinal morphology of rainbow trout (<i>Oncorhynchus mykiss</i>) fed with <i>Wickerhamomyces anomalus</i> . Aquaculture Nutrition, 2020, 26, 275-286.	1.1	25
28	Thyroid gland function in ovariectomized ewes exposed to phytoestrogens. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2002, 777, 281-287.	1.2	24
29	A rapid and sensitive cytotoxicity screening assay for trichothecenes in cereal samples. Food and Chemical Toxicology, 2003, 41, 1307-1313.	1.8	24
30	Growth performance, digestibility, and gut development of broiler chickens on diets with inclusion of chicory (<i>Cichorium intybus</i> L.). Poultry Science, 2011, 90, 815-823.	1.5	24
31	Evaluation of local feed resources as alternatives to fish meal in terms of growth performance, feed utilisation and biological indices of striped catfish (<i>Pangasianodon hypophthalmus</i>) fingerlings. Aquaculture, 2012, 364-365, 150-156.	1.7	23
32	Expression of heat shock proteins 27 and 72 correlates with specific commensal microbes in different regions of porcine gastrointestinal tract. American Journal of Physiology - Renal Physiology, 2014, 306, G1033-G1041.	1.6	23
33	Stunning fish with CO2 or electricity: contradictory results on behavioural and physiological stress responses. Animal, 2016, 10, 294-301.	1.3	23
34	Rural aquaculture: Assessment of its contribution to household income and farmers' perception in selected districts, Tanzania. Aquaculture, Economics and Management, 2020, 24, 387-405.	2.3	23
35	Effects of dietary yeast inclusion and acute stress on post-prandial whole blood profiles of dorsal aorta-cannulated rainbow trout. Fish Physiology and Biochemistry, 2017, 43, 421-434.	0.9	22
36	Haematological and intestinal health parameters of rainbow trout are influenced by dietary live yeast and increased water temperature. Fish and Shellfish Immunology, 2019, 89, 525-536.	1.6	21

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37	Evaluation of chitinolytic activities and membrane integrity in gut tissues of Arctic charr (<i>Salvelinus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 0.7 20 Biochemistry and Molecular Biology, 2014, 175, 1-8.	0.7	20
38	Fish farming in Tanzania: the availability and nutritive value of local feed ingredients. Journal of Applied Aquaculture, 2020, 32, 341-360.	0.7	20
39	Evaluation of Nutritional Composition of Pure Filamentous Fungal Biomass as a Novel Ingredient for Fish Feed. Fermentation, 2021, 7, 152.	1.4	19
40	Expression of heat shock protein 27 in gut tissue of growing pigs fed diets without and with inclusion of chicory fiber1. Journal of Animal Science, 2012, 90, 25-27.	0.2	17
41	Exploring the Arctic Charr Intestinal Glycome: Evidence of Increased <i>N</i> -Glycolylneuraminic Acid Levels and Changed Host-Pathogen Interactions in Response to Inflammation. Journal of Proteome Research, 2019, 18, 1760-1773.	1.8	17
42	1H NMR-Based Metabolomics and Lipid Analyses Revealed the Effect of Dietary Replacement of Microbial Extracts or Mussel Meal with Fish Meal to Arctic Charr (<i>Salvelinus alpinus</i>). Fishes, 2019, 4, 46.	0.7	16
43	Evaluation of potential feed sources, and technical and economic considerations of small-scale commercial striped catfish (<i>Pangasius hypophthalmus</i>) pond farming systems in the Mekong Delta of Vietnam. Aquaculture Research, 2013, 44, 427-438.	0.9	15
44	Chicory (<i>Cichorium intybus</i> L.) and cereals differently affect gut development in broiler chickens and young pigs. Journal of Animal Science and Biotechnology, 2013, 4, 50.	2.1	15
45	Portal net appearance of amino acids in growing pigs fed a barley-based diet with inclusion of three different forage meals. British Journal of Nutrition, 2000, 84, 483-494.	1.2	14
46	Effects of red clover silage and ageing time on sensory characteristics and cooking losses of loin (M.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Preference, 1999, 10, 299-303.	2.3	13
47	Activities of Enzymes Involved in Glutamine Metabolism in Connection with Energy Production in the Gastrointestinal Tract Epithelium of Newborn, Suckling and Weaned Piglets. Neonatology, 1999, 75, 250-258.	0.9	13
48	Using self-selection to evaluate the acceptance of a new diet formulation by farmed fish. Applied Animal Behaviour Science, 2015, 171, 226-232.	0.8	13
49	In search for protein sources: Evaluating an alternative to the traditional fish feed for Arctic charr () Tj ETQq1 1 0.784314 rgBT /Overlock 1.7 12	1.7	12
50	Activity of Enzymes Involved in Energy Production in the Small Intestine during Suckling-Weaning Transition of Pigs. Neonatology, 2002, 82, 53-60.	0.9	11
51	Digestibility of dietary components and amino acids in plant protein feed ingredients in striped catfish (<i>Pangasianodon hypophthalmus</i>) fingerlings. Aquaculture Nutrition, 2013, 19, 619-628.	1.1	10
52	Digestive Enzyme Activity in Eurasian Perch (<i>Perca fluviatilis</i>) and Arctic Charr (<i>Salvelinus alpinus</i>). Journal of Aquaculture Research & Development, 2014, 05, .	0.4	9
53	Screening of intact yeasts and cell extracts to reduce Scrapie prions during biotransformation of food waste. Acta Veterinaria Scandinavica, 2018, 60, 9.	0.5	8
54	Digestibility of Local Feed Ingredients in Tilapia <i>Oreochromis niloticus</i> Juveniles, Determined on Faeces Collected by Siphoning or Stripping. Fishes, 2020, 5, 32.	0.7	8

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55	Effects of dietary yeast inclusion and acute stress on postprandial plasma free amino acid profiles of dorsal aorta-cannulated rainbow trout. Aquaculture Nutrition, 2018, 24, 236-246.	1.1	7
56	Effect of exposure to dietary nivalenol on activity of enzymes involved in glutamine catabolism in the epithelium along the gastrointestinal tract of growing pigs. Archiv Fur Tierernahrung, 1999, 52, 275-284.	0.3	6
57	Dissuasive effect, information provision, and consumer reactions to the term “Biotechnology”: The case of reproductive interventions in farmed fish. PLoS ONE, 2019, 14, e0222494.	1.1	6
58	Digestibility of dietary components and amino acids in animal and plant protein feed ingredients in striped catfish (<i>Pangasianodon hypophthalmus</i>) fingerlings. Aquaculture Nutrition, 2013, 19, 741-750.	1.1	5
59	Growth performance, feed utilisation and biological indices of Tra catfish (<i>Pangasianodon</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 International Aquatic Research, 2016, 8, 309-321.	1.5	5
60	Chemical foraging stimulation in the omnivorous species crucian carp, <i>Carassius carassius</i> (Linnaeus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.7	3
61	An Ecological and Economical Assessment of Integrated Amaranth (<i>Amaranthus hybridus</i>) and Nile Tilapia (<i>Oreochromis niloticus</i>) Farming in Dar es Salaam, Tanzania. Fishes, 2020, 5, 30.	0.7	3
62	The Effect of Complementary Access to Milk Replacer to Piglets on the Activity of Brush Border Enzymes in the Piglet Small Intestine. Asian-Australasian Journal of Animal Sciences, 2005, 18, 1617-1622.	2.4	2
63	Activities of Enzymes Involved in Fatty Acid Metabolism in the Colon Epithelium of Piglets Fed with Different Fiber Contents Diets. Asian-Australasian Journal of Animal Sciences, 2003, 16, 1524-1528.	2.4	2
64	Grass/clover silage for growing/finishing pigs – effect of silage pre-treatment and feeding strategy on growth performance and carcass traits. Acta Agriculturae Scandinavica - Section A: Animal Science, 2021, 70, 151-160.	0.2	2
65	Aquaculture and aquafeed in Rwanda: current status and perspectives. Journal of Applied Aquaculture, 2023, 35, 743-764.	0.7	2
66	The role of the exocrine pancreas in pig performance and amino acid absorption.. , 2001, , 178-180.		1
67	Sphingomyelinase activity in gastrointestinal content and mucosa from pigs of different ages.. , 2001, , 31-33.		0
68	Effect of Dietary Starch Inclusion Rate on Digestibility and Amylase Activity in Arctic charr (<i>Salvelinus alpinus</i>) and Eurasian perch (<i>Perca fluviatilis</i>). Journal of Aquaculture Research & Development, 2014, 05, .	0.4	0