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List of Publications by Year in Descending Order

65 papers	1,484 citations	23 h-index	36 g-index
68 ext. papers	1,776 ext. citations	3.3 avg, IF	4.62 L-index

#	Paper	IF	Citations
65	Evaluation of Nutritional Composition of Pure Filamentous Fungal Biomass as a Novel Ingredient for Fish Feed. *Fermentation*, **2021**, 7, 152	4.7	3
64	Digestibility of Local Feed Ingredients in Tilapia Oreochromis niloticus Juveniles, Determined on Faeces Collected by Siphoning or Stripping. *Fishes*, **2020**, 5, 32	2.5	3
63	Rural aquaculture: Assessment of its contribution to household income and farmers perception in selected districts, Tanzania. *Aquaculture, Economics and Management*, **2020**, 24, 387-405	3.5	9
62	Fish farming in Tanzania: the availability and nutritive value of local feed ingredients. *Journal of Applied Aquaculture*, **2020**, 32, 341-360	0.8	7
61	Growth performance, nutrient digestibility and intestinal morphology of rainbow trout (Oncorhynchus mykiss) fed graded levels of the yeasts Saccharomyces cerevisiae and Wickerhamomyces anomalus. *Aquaculture Nutrition*, **2020**, 26, 275-286	3.2	7
60	An Ecological and Economical Assessment of Integrated Amaranth (Amaranthus hybridus) and Nile Tilapia (Oreochromis niloticus) Farming in Dar es Salaam, Tanzania. *Fishes*, **2020**, 5, 30	2.5	0
59	Dissuasive effect, information provision, and consumer reactions to the term 'Biotechnology': The case of reproductive interventions in farmed fish. *PLoS ONE*, **2019**, 14, e0222494	3.7	1
58	Spent brewer's yeast as a replacement for fishmeal in diets for giant freshwater prawn (Macrobrachium rosenbergii), reared in either clear water or a biofloc environment. *Aquaculture Nutrition*, **2019**, 25, 970-979	3.2	14
57	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	4.3	7
56	Exploring the Arctic Charr Intestinal Glycome: Evidence of Increased N-Glycolylneuraminic Acid Levels and Changed Host-Pathogen Interactions in Response to Inflammation. *Journal of Proteome Research*, **2019**, 18, 1760-1773	5.6	11
55	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 (Salvelinus alpinus). *Fishes*, **2019**, 4, 46	2.5	8
54	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	4.7	40
53	Dietary live yeast and increased water temperature influence the gut microbiota of rainbow trout. *Journal of Applied Microbiology*, **2018**, 124, 1377-1392	4.7	55
52	Lactobacillus reuteri strains protect epithelial barrier integrity of IPEC-J2 monolayers from the detrimental effect of enterotoxigenic Escherichia coli. *Physiological Reports*, **2018**, 6, e13514	2.6	23
51	In search for protein sources: Evaluating an alternative to the traditional fish feed for Arctic charr (Salvelinus alpinus L.). *Aquaculture*, **2018**, 486, 253-260	4.4	7
50	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	3.2	6
49	Screening of intact yeasts and cell extracts to reduce Scrapie prions during biotransformation of food waste. *Acta Veterinaria Scandinavica*, **2018**, 60, 9	2	4

48	Comparative evaluation of Brewer's yeast as a replacement for fishmeal in diets for tilapia (Oreochromis niloticus), reared in clear water or biofloc environments. *Aquaculture*, **2018**, 495, 654-660	4.4	16
47	Chemical foraging stimulation in the omnivorous species crucian carp, Carassius carassius (Linnaeus 1758). *Aquaculture Reports*, **2018**, 12, 36-42	2.3	2
46	Effects of dietary inclusion of the yeasts Saccharomyces cerevisiae and Wickerhamomyces anomalus on gut microbiota of rainbow trout. *Aquaculture*, **2017**, 473, 528-537	4.4	39
45	Effects of microbe- and mussel-based diets on the gut microbiota in Arctic charr (Salvelinus alpinus). *Aquaculture Reports*, **2017**, 5, 34-40	2.3	34
44	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	2.7	16
43	Feeding stimulants in an omnivorous species, crucian carp Carassius carassius (Linnaeus 1758). *Aquaculture Reports*, **2016**, 4, 66-73	2.3	15
42	Evaluation of growth performance and intestinal barrier function in Arctic Charr (Salvelinus alpinus) fed yeast (Saccharomyces cerevisiae), fungi (Rhizopus oryzae) and blue mussel (Mytilus edulis). *Aquaculture Nutrition*, **2016**, 22, 1348-1360	3.2	28
41	Digestibility of microbial and mussel meal for Arctic charr (Salvelinus alpinus) and Eurasian perch (Perca fluviatilis). *Aquaculture Nutrition*, **2016**, 22, 485-495	3.2	39
40	Stunning fish with CO2 or electricity: contradictory results on behavioural and physiological stress responses. *Animal*, **2016**, 10, 294-301	3.1	13
39	Growth performance, feed utilisation and biological indices of Tra catfish (Pangasianodon hypophthalmus) cultured in net cages in pond fed diets based on locally available feed resources. *International Aquatic Research*, **2016**, 8, 309-321	2.8	3
38	Effects of Lactobacillus johnsonii and Lactobacillus reuteri on gut barrier function and heat shock proteins in intestinal porcine epithelial cells. *Physiological Reports*, **2015**, 3, e12355	2.6	57
37	Using self-selection to evaluate the acceptance of a new diet formulation by farmed fish. *Applied Animal Behaviour Science*, **2015**, 171, 226-232	2.2	9
36	Evaluation of chitinolytic activities and membrane integrity in gut tissues of Arctic charr (Salvelinus alpinus) fed fish meal and zygomycete biomass. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2014**, 175, 1-8	2.3	15
35	Metabolic insights in Arctic charr (Salvelinus alpinus) fed with zygomycetes and fish meal diets as assessed in liver using nuclear magnetic resonance (NMR) spectroscopy. *International Aquatic Research*, **2014**, 6, 1	2.8	30
34	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, G1033-41	5.1	17
33	Heat Shock Proteins: Intestinal Gatekeepers that Are Influenced by Dietary Components and the Gut Microbiota. *Pathogens*, **2014**, 3, 187-210	4.5	29
32	Digestive Enzyme Activity in Eurasian Perch (Perca Fluviatilis) and Arctic Charr (Salvelinus Alpinus). *Journal of Aquaculture Research & Development*, **2014**, 05,	1	5
31	Evaluation of potential feed sources, and technical and economic considerations of small-scale commercial striped catfish (Pangasius hypothalamus) pond farming systems in the Mekong Delta of Vietnam. *Aquaculture Research*, **2013**, 44, 427-438	1.9	10

30	Digestibility of dietary components and amino acids in animal and plant protein feed ingredients in striped catfish (Pangasianodon hypophthalmus) fingerlings. *Aquaculture Nutrition*, **2013**, 19, 741-750	3.2	4
29	Digestibility of dietary components and amino acids in plant protein feed ingredients in striped catfish (Pangasianodon hypophthalmus) fingerlings. *Aquaculture Nutrition*, **2013**, 19, 619-628	3.2	7
28	Chicory (Cichorium intybus L.) and cereals differently affect gut development in broiler chickens and young pigs. *Journal of Animal Science and Biotechnology*, **2013**, 4, 50	6	10
27	Evaluation of local feed resources as alternatives to fish meal in terms of growth performance, feed utilisation and biological indices of striped catfish (Pangasianodon hypophthalmus) fingerlings. *Aquaculture*, **2012**, 364-365, 150-156	4.4	14
26	Expression of heat shock protein 27 in gut tissue of growing pigs fed diets without and with inclusion of chicory fiber. *Journal of Animal Science*, **2012**, 90 Suppl 4, 25-7	0.7	14
25	Inclusion of chicory (Cichorium intybus L.) in pigs' diets affects the intestinal microenvironment and the gut microbiota. *Applied and Environmental Microbiology*, **2012**, 78, 4102-9	4.8	68
24	Growth performance, digestibility, and gut development of broiler chickens on diets with inclusion of chicory (Cichorium intybus L.). *Poultry Science*, **2011**, 90, 815-23	3.9	18
23	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		65
22	Dietary flavonoids with a catechol structure increase alpha-tocopherol in rats and protect the vitamin from oxidation in vitro. *Journal of Lipid Research*, **2006**, 47, 2718-25	6.3	53
21	Comparative cytotoxicity of deoxynivalenol, nivalenol, their acetylated derivatives and de-epoxy metabolites. *Food and Chemical Toxicology*, **2004**, 42, 619-24	4.7	172
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, 169-76	3.6	29
19	The dietary hydroxycinnamate caffeic acid and its conjugate chlorogenic acid increase vitamin e and cholesterol concentrations in Sprague-Dawley rats. *Journal of Agricultural and Food Chemistry*, **2003**, 51, 2526-31	5.7	29
18	A rapid and sensitive cytotoxicity screening assay for trichothecenes in cereal samples. *Food and Chemical Toxicology*, **2003**, 41, 1307-13	4.7	21
17	Thyroid gland function in ovariectomized ewes exposed to phytoestrogens. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2002**, 777, 281-7	3.2	19
16	Activity of enzymes involved in energy production in the small intestine during suckling-weaning transition of pigs. *Neonatology*, **2002**, 82, 53-60	4	8
15	Effects of dietary anthocyanins on tocopherols and lipids in rats. *Journal of Agricultural and Food Chemistry*, **2002**, 50, 7226-30	5.7	41
14	Sphingomyelinase activity in gastrointestinal content and mucosa from pigs of different ages. **2001**, 31-33		
13	The role of the exocrine pancreas in pig performance and amino acid absorption. **2001**, 178-180		1

12	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	3.6	11
11	Ileal amino acid digestibilities in pigs of barley-based diets with inclusion of lucerne (Medicago sativa), white clover (Trifolium repens), red clover (Trifolium pratense) or perennial ryegrass (Lolium perenne). *British Journal of Nutrition*, **1999**, 82, 139-147	3.6	24
10	Cytotoxicity of four trichothecenes evaluated by three colorimetric bioassays. *Mycopathologia*, **1999**, 147, 149-55	2.9	33
9	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, 275-84		6
8	Effects of red clover silage and ageing time on sensory characteristics and cooking losses of loin (M. longissimus dorsi) from Hampshire crosses with and without the RN allele. *Food Quality and Preference*, **1999**, 10, 299-303	5.8	13
7	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, 250-8	4	12
6	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		61
5	Metabolism of estrogenic isoflavones in domestic animals. *Experimental Biology and Medicine*, **1995**, 208, 33-9	3.7	82
4	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	5.7	62
3	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	5.7	23
2	Aquaculture and aquafeed in Rwanda: current status and perspectives. *Journal of Applied Aquaculture*,1-22	0.8	1
1	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*,1-10	0.6	0