

# T Lundh

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | Comparative cytotoxicity of deoxynivalenol, nivalenol, their acetylated derivatives and de-epoxy metabolites. <i>Food and Chemical Toxicology</i> , <b>2004</b> , 42, 619-24   | 4.7 | 172       |
| 64 | Metabolism of estrogenic isoflavones in domestic animals. <i>Experimental Biology and Medicine</i> , <b>1995</b> , 208, 33-9   | 3.7 | 82        |
| 63 | Inclusion of chicory ( <i>Cichorium intybus</i> L.) in pigs' diets affects the intestinal microenvironment and the gut microbiota. <i>Applied and Environmental Microbiology</i> , <b>2012</b> , 78, 4102-9                                    | 4.8 | 68        |
| 62 | Influence of soaking, fermentation and phytase supplementation on nutrient digestibility in pigs offered a grower diet based on wheat and barley. <i>Animal Science</i> , <b>2006</b> , 82, 853-858  |     | 65        |
| 61 | Comparative levels of free and conjugated plant estrogens in blood plasma of sheep and cattle fed estrogenic silage. <i>Journal of Agricultural and Food Chemistry</i> , <b>1990</b> , 38, 1530-1534   | 5.7 | 62        |
| 60 | Determination of free amino acids in pig plasma by precolumn derivatization with 6-N-aminoquinolyl-N-hydroxysuccinimidyl carbamate and high-performance liquid chromatography. <i>Biomedical Applications</i> , <b>1997</b> , 696, 1-8         |     | 61        |
| 59 | Effects of <i>Lactobacillus johnsonii</i> and <i>Lactobacillus reuteri</i> on gut barrier function and heat shock proteins in intestinal porcine epithelial cells. <i>Physiological Reports</i> , <b>2015</b> , 3, e12355                      | 2.6 | 57        |
| 58 | Dietary live yeast and increased water temperature influence the gut microbiota of rainbow trout. <i>Journal of Applied Microbiology</i> , <b>2018</b> , 124, 1377-1392  | 4.7 | 55        |
| 57 | Dietary flavonoids with a catechol structure increase alpha-tocopherol in rats and protect the vitamin from oxidation in vitro. <i>Journal of Lipid Research</i> , <b>2006</b> , 47, 2718-25   | 6.3 | 53        |
| 56 | Effects of dietary anthocyanins on tocopherols and lipids in rats. <i>Journal of Agricultural and Food Chemistry</i> , <b>2002</b> , 50, 7226-30   | 5.7 | 41        |
| 55 | Evaluation of Filamentous Fungal Biomass Cultivated on Vinasse as an Alternative Nutrient Source of Fish Feed: Protein, Lipid, and Mineral Composition. <i>Fermentation</i> , <b>2019</b> , 5, 99  | 4.7 | 40        |
| 54 | Effects of dietary inclusion of the yeasts <i>Saccharomyces cerevisiae</i> and <i>Wickerhamomyces anomalus</i> on gut microbiota of rainbow trout. <i>Aquaculture</i> , <b>2017</b> , 473, 528-537   | 4.4 | 39        |
| 53 | Digestibility of microbial and mussel meal for Arctic charr ( <i>Salvelinus alpinus</i> ) and Eurasian perch ( <i>Perca fluviatilis</i> ). <i>Aquaculture Nutrition</i> , <b>2016</b> , 22, 485-495  | 3.2 | 39        |
| 52 | Effects of microbe- and mussel-based diets on the gut microbiota in Arctic charr ( <i>Salvelinus alpinus</i> ). <i>Aquaculture Reports</i> , <b>2017</b> , 5, 34-40  | 2.3 | 34        |
| 51 | Cytotoxicity of four trichothecenes evaluated by three colorimetric bioassays. <i>Mycopathologia</i> , <b>1999</b> , 147, 149-55   | 2.9 | 33        |
| 50 | 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. <i>International Aquatic Research</i> , <b>2014</b> , 6, 1 | 2.8 | 30        |
| 49 | Heat Shock Proteins: Intestinal Gatekeepers that Are Influenced by Dietary Components and the Gut Microbiota. <i>Pathogens</i> , <b>2014</b> , 3, 187-210  | 4.5 | 29        |

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|----|--|-----|----|
| 48 | The dietary hydroxycinnamate caffeic acid and its conjugate chlorogenic acid increase vitamin e and cholesterol concentrations in Sprague-Dawley rats. <i>Journal of Agricultural and Food Chemistry</i> , <b>2003</b> , 51, 2526-31   | 5.7 | 29 |
| 47 | Dietary secoisolariciresinol diglucoside and its oligomers with 3-hydroxy-3-methyl glutaric acid decrease vitamin E levels in rats. <i>British Journal of Nutrition</i> , <b>2004</b> , 92, 169-76   | 3.6 | 29 |
| 46 | Evaluation of growth performance and intestinal barrier function in Arctic Charr ( <i>Salvelinus alpinus</i> ) fed yeast ( <i>Saccharomyces cerevisiae</i> ), fungi ( <i>Rhizopus oryzae</i> ) and blue mussel ( <i>Mytilus edulis</i> ). <i>Aquaculture Nutrition</i> , <b>2016</b> , 22, 1348-1360                     | 3.2 | 28 |
| 45 | Ileal amino acid digestibilities in pigs of barley-based diets with inclusion of lucerne ( <i>Medicago sativa</i> ), white clover ( <i>Trifolium repens</i> ), red clover ( <i>Trifolium pratense</i> ) or perennial ryegrass ( <i>Lolium perenne</i> ). <i>British Journal of Nutrition</i> , <b>1999</b> , 82, 139-147 | 3.6 | 24 |
| 44 | Lactobacillus reuteri strains protect epithelial barrier integrity of IPEC-J2 monolayers from the detrimental effect of enterotoxigenic Escherichia coli. <i>Physiological Reports</i> , <b>2018</b> , 6, e13514   | 2.6 | 23 |
| 43 | Conjugation of the plant estrogens formononetin and daidzein and their metabolite equol by gastrointestinal epithelium from cattle and sheep. <i>Journal of Agricultural and Food Chemistry</i> , <b>1990</b> , 38, 1012-1016  | 5.7 | 23 |
| 42 | A rapid and sensitive cytotoxicity screening assay for trichothecenes in cereal samples. <i>Food and Chemical Toxicology</i> , <b>2003</b> , 41, 1307-13   | 4.7 | 21 |
| 41 | Thyroid gland function in ovariectomized ewes exposed to phytoestrogens. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2002</b> , 777, 281-7  | 3.2 | 19 |
| 40 | Growth performance, digestibility, and gut development of broiler chickens on diets with inclusion of chicory ( <i>Cichorium intybus</i> L.). <i>Poultry Science</i> , <b>2011</b> , 90, 815-23  | 3.9 | 18 |
| 39 | Expression of heat shock proteins 27 and 72 correlates with specific commensal microbes in different regions of porcine gastrointestinal tract. <i>American Journal of Physiology - Renal Physiology</i> , <b>2014</b> , 306, G1033-41   | 5.1 | 17 |
| 38 | 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. <i>Aquaculture</i> , <b>2018</b> , 495, 654-660   | 4.4 | 16 |
| 37 | Effects of dietary yeast inclusion and acute stress on post-prandial whole blood profiles of dorsal aorta-cannulated rainbow trout. <i>Fish Physiology and Biochemistry</i> , <b>2017</b> , 43, 421-434  | 2.7 | 16 |
| 36 | Feeding stimulants in an omnivorous species, crucian carp <i>Carassius carassius</i> (Linnaeus 1758). <i>Aquaculture Reports</i> , <b>2016</b> , 4, 66-73  | 2.3 | 15 |
| 35 | Evaluation of chitinolytic activities and membrane integrity in gut tissues of Arctic charr ( <i>Salvelinus alpinus</i> ) fed fish meal and zygomycete biomass. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2014</b> , 175, 1-8   | 2.3 | 15 |
| 34 | 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. <i>Aquaculture Nutrition</i> , <b>2019</b> , 25, 970-979   | 3.2 | 14 |
| 33 | 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. <i>Aquaculture</i> , <b>2012</b> , 364-365, 150-156   | 4.4 | 14 |
| 32 | Expression of heat shock protein 27 in gut tissue of growing pigs fed diets without and with inclusion of chicory fiber. <i>Journal of Animal Science</i> , <b>2012</b> , 90 Suppl 4, 25-7   | 0.7 | 14 |
| 31 | 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. <i>Food Quality and Preference</i> , <b>1999</b> , 10, 299-303  | 5.8 | 13 |

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|----|---|-----|----|
| 30 | Stunning fish with CO2 or electricity: contradictory results on behavioural and physiological stress responses. <i>Animal</i> , <b>2016</b> , 10, 294-301   | 3.1 | 13 |
| 29 | Activities of enzymes involved in glutamine metabolism in connection with energy production in the gastrointestinal tract epithelium of newborn, suckling and weaned piglets. <i>Neonatology</i> , <b>1999</b> , 75, 250-8  | 4   | 12 |
| 28 | Exploring the Arctic Charr Intestinal Glycome: Evidence of Increased N-Glycolylneuraminic Acid Levels and Changed Host-Pathogen Interactions in Response to Inflammation. <i>Journal of Proteome Research</i> , <b>2019</b> , 18, 1760-1773   | 5.6 | 11 |
| 27 | Portal net appearance of amino acids in growing pigs fed a barley-based diet with inclusion of three different forage meals. <i>British Journal of Nutrition</i> , <b>2000</b> , 84, 483-494  | 3.6 | 11 |
| 26 | 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. <i>Aquaculture Research</i> , <b>2013</b> , 44, 427-438           | 1.9 | 10 |
| 25 | Chicory ( <i>Cichorium intybus</i> L.) and cereals differently affect gut development in broiler chickens and young pigs. <i>Journal of Animal Science and Biotechnology</i> , <b>2013</b> , 4, 50  | 6   | 10 |
| 24 | Using self-selection to evaluate the acceptance of a new diet formulation by farmed fish. <i>Applied Animal Behaviour Science</i> , <b>2015</b> , 171, 226-232  | 2.2 | 9  |
| 23 | Rural aquaculture: Assessment of its contribution to household income and farmers' perception in selected districts, Tanzania. <i>Aquaculture, Economics and Management</i> , <b>2020</b> , 24, 387-405   | 3.5 | 9  |
| 22 | 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> ). <i>Fishes</i> , <b>2019</b> , 4, 46  | 2.5 | 8  |
| 21 | Activity of enzymes involved in energy production in the small intestine during suckling-weaning transition of pigs. <i>Neonatology</i> , <b>2002</b> , 82, 53-60   | 4   | 8  |
| 20 | Haematological and intestinal health parameters of rainbow trout are influenced by dietary live yeast and increased water temperature. <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 89, 525-536   | 4.3 | 7  |
| 19 | Fish farming in Tanzania: the availability and nutritive value of local feed ingredients. <i>Journal of Applied Aquaculture</i> , <b>2020</b> , 32, 341-360   | 0.8 | 7  |
| 18 | In search for protein sources: Evaluating an alternative to the traditional fish feed for Arctic charr ( <i>Salvelinus alpinus</i> L.). <i>Aquaculture</i> , <b>2018</b> , 486, 253-260   | 4.4 | 7  |
| 17 | Digestibility of dietary components and amino acids in plant protein feed ingredients in striped catfish ( <i>Pangasianodon hypophthalmus</i> ) fingerlings. <i>Aquaculture Nutrition</i> , <b>2013</b> , 19, 619-628   | 3.2 | 7  |
| 16 | Growth performance, nutrient digestibility and intestinal morphology of rainbow trout ( <i>Oncorhynchus mykiss</i> ) fed graded levels of the yeasts <i>Saccharomyces cerevisiae</i> and <i>Wickerhamomyces anomalus</i> . <i>Aquaculture Nutrition</i> , <b>2020</b> , 26, 275-286 | 3.2 | 7  |
| 15 | Effects of dietary yeast inclusion and acute stress on postprandial plasma free amino acid profiles of dorsal aorta-cannulated rainbow trout. <i>Aquaculture Nutrition</i> , <b>2018</b> , 24, 236-246  | 3.2 | 6  |
| 14 | Effect of exposure to dietary nivalenol on activity of enzymes involved in glutamine catabolism in the epithelium along the gastrointestinal tract of growing pigs. <i>Archiv Fur Tierernahrung</i> , <b>1999</b> , 52, 275-84  |     | 6  |
| 13 | Digestive Enzyme Activity in Eurasian Perch ( <i>Perca fluviatilis</i> ) and Arctic Charr ( <i>Salvelinus Alpinus</i> ). <i>Journal of Aquaculture Research &amp; Development</i> , <b>2014</b> , 05,   | 1   | 5  |

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|----|---|-----|---|
| 12 | Screening of intact yeasts and cell extracts to reduce Scrapie prions during biotransformation of food waste. <i>Acta Veterinaria Scandinavica</i> , <b>2018</b> , 60, 9  | 2   | 4 |
| 11 | Digestibility of dietary components and amino acids in animal and plant protein feed ingredients in striped catfish ( <i>Pangasianodon hypophthalmus</i> ) fingerlings. <i>Aquaculture Nutrition</i> , <b>2013</b> , 19, 741-750                                      | 3.2 | 4 |
| 10 | Digestibility of Local Feed Ingredients in Tilapia <i>Oreochromis niloticus</i> Juveniles, Determined on Faeces Collected by Siphoning or Stripping. <i>Fishes</i> , <b>2020</b> , 5, 32  | 2.5 | 3 |
| 9  | Growth performance, feed utilisation and biological indices of Tra catfish ( <i>Pangasianodon hypophthalmus</i> ) cultured in net cages in pond fed diets based on locally available feed resources. <i>International Aquatic Research</i> , <b>2016</b> , 8, 309-321 | 2.8 | 3 |
| 8  | Evaluation of Nutritional Composition of Pure Filamentous Fungal Biomass as a Novel Ingredient for Fish Feed. <i>Fermentation</i> , <b>2021</b> , 7, 152  | 4.7 | 3 |
| 7  | Chemical foraging stimulation in the omnivorous species crucian carp, <i>Carassius carassius</i> (Linnaeus 1758). <i>Aquaculture Reports</i> , <b>2018</b> , 12, 36-42  | 2.3 | 2 |
| 6  | Dissuasive effect, information provision, and consumer reactions to the term 'Biotechnology': The case of reproductive interventions in farmed fish. <i>PLoS ONE</i> , <b>2019</b> , 14, e0222494   | 3.7 | 1 |
| 5  | Aquaculture and aquafeed in Rwanda: current status and perspectives. <i>Journal of Applied Aquaculture</i> , 1-22   | 0.8 | 1 |
| 4  | The role of the exocrine pancreas in pig performance and amino acid absorption. <b>2001</b> , 178-180   |     | 1 |
| 3  | Grass/clover silage for growing/finishing pigs [Effect of silage pre-treatment and feeding strategy on growth performance and carcass traits. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 1-10 <sup>0.6</sup>                                 | 0.6 | 0 |
| 2  | 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. <i>Fishes</i> , <b>2020</b> , 5, 30   | 2.5 | 0 |
| 1  | Sphingomyelinase activity in gastrointestinal content and mucosa from pigs of different ages. <b>2001</b> , 31-33   |     |   |