

YANXIAN LI

I'm a feed formulator at an aquafeed company based in Vietnam. My research experiences include fish nutrition, digestive physiology, gut health, and microbiome.

WORK EXPERIENCE

- Present
|
2022.06
- **Feed formulator**
Section of aquafeed, Haid Research Institute
📍 Guangdong Haid Group Co., Ltd.
· Fish feed formulation; product management; research & development
- 2022.05
|
2021.11
- **Postdoc research fellow**
The Nutrition and Health Unit, PARAFAG
📍 Norwegian University of Life Sciences
· Development of a static *in vitro* feed digestion model in rainbow trout

EDUCATION

- 2021.10
|
2015.09
- **Ph.D., Veterinary Science**
Norwegian University of Life Sciences
📍 Oslo, NOR
· Thesis: Insect larvae meal as a feed ingredient for Atlantic salmon (*Salmo salar*): Effects on intestinal function, health, and microbiota
- 2015.06
|
2012.09
- **M.S., Aquaculture**
Ocean University of China
📍 Qingdao, CN
· Thesis: Tolerance and safety assessment of daidzein in gibel carp (*Carassais auratus gibelio*), and cobalt dichloride in turbot (*Scophthalmus maximus*)
- 2012.06
|
2008.09
- **B.S., Aquaculture**
Fujian Agriculture and forestry University
📍 Fuzhou, CN

CONFERENCE PROCEEDINGS

- 2019
- **Intestinal health and microbiota of post-smolt Atlantic salmon fed insect meal diet**
Aquaculture Europe, October 2019
📍 Berlin, Germany

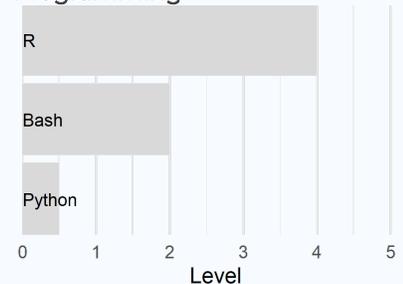


CONTACT

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- 📄 [GitHub: @yanxianli](https://github.com/yanxianli)
- 🏠 yanxianli.com

SKILLS

Programming



Bioinformatics

16S amplicon sequencing

Statistics

Mixed effects models
Multivariate statistics

Last updated on 2022-06-07.

2018 ● **Intestinal health and function of pre-smolt Atlantic salmon fed insect meal diet**
 18th International Symposium on Fish Nutrition and Feeding, June 2018
 Las Palmas, Spain

☰ PUBLICATIONS

2021 ● **Anatomy, immunology, digestive physiology and microbiota of the salmonid intestine: Knowns and unknowns under the impact of an expanding industrialized production.** [doi:10.1016/j.fsi.2020.09.032](https://doi.org/10.1016/j.fsi.2020.09.032)
Fish Shellfish Immunol 107, 172-186.
 · Bjorgen H*, Li Y*, Kortner TM, Krogdahl A, Koppang EO.
 · *Co-first author

● **Differential response of digesta- and mucosa-associated intestinal microbiota to dietary insect meal during the seawater phase of Atlantic salmon.** [doi:10.1186/s42523-020-00071-3](https://doi.org/10.1186/s42523-020-00071-3)
Animal Microbiome 3 (1), 1-18.
 · Li Y*, Bruni L*, Jaramillo-Torres A, Gajardo K, Kortner TM, Krogdahl A.
 · *Co-first author

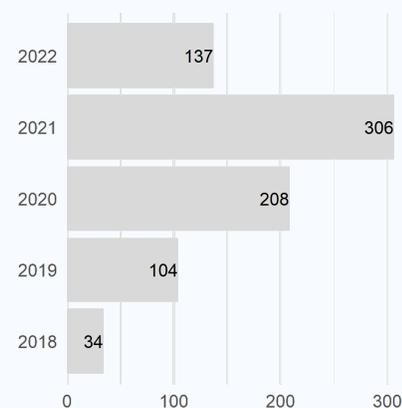
● **Consistent changes in the intestinal microbiota of Atlantic salmon fed insect meal diets.** [doi:10.1186/s42523-021-00159-4](https://doi.org/10.1186/s42523-021-00159-4)
Animal Microbiome 4 (1), 1-15.
 · Li Y, Gajardo K, Jaramillo-Torres A, Kortner TM, Krogdahl A.

2020 ● **Total replacement of fish meal with black soldier fly (*Hermetia illucens*) larvae meal does not compromise the gut health of Atlantic salmon (*Salmo salar*).** [doi:10.1016/j.aquaculture.2020.734967](https://doi.org/10.1016/j.aquaculture.2020.734967)
Aquaculture 520, 734-967.
 · Li Y, Kortner TM, Chikwati EM, Belghit I, Lock E-J, Krogdahl A.

● **Gut immune functions and health in Atlantic salmon (*Salmo salar*) from late freshwater stage until one year in seawater and effects of functional ingredients: A case study from a commercial sized research site in the Arctic region.** [doi:10.1016/j.fsi.2020.09.019](https://doi.org/10.1016/j.fsi.2020.09.019)
Fish Shellfish Immunol 106, 1106-1119.
 · Wang J, Kortner TM, Chikwati EM, Li Y, Jaramillo-Torres A, Jakobsen JV, Ravndal J, Brevik OJ, Einen O, Krogdahl A.

2019 ● **Black soldier fly larvae meal can replace fish meal in diets of sea-water phase Atlantic salmon (*Salmo salar*).** [doi:10.1016/j.aquaculture.2018.12.032](https://doi.org/10.1016/j.aquaculture.2018.12.032)
Aquaculture 503, 609-619.
 · Belghit I, Liland NS, Gjesdal P, Biancarosa I, Menchetti E, Li Y, Waagbo R, Krogdahl A, Lock E-J.

· Citation = 800
 · H-index = 13
 · I10-index = 16



Data from Google Scholar

- **Removal of three proteinaceous antinutrients from soybean does not mitigate soybean-induced enteritis in Atlantic salmon (*Salmo salar*, L).**
[doi:10.1016/j.aquaculture.2019.734495](https://doi.org/10.1016/j.aquaculture.2019.734495)
Aquaculture 514, 734495.
· Krogdahl A, Kortner TM, Jaramillo-Torres A, Gamil AAA, Chikwati E, Li Y, Schmidt M, Herman E, Hymowitz T, Teimouri SA.
- **Gut health and vaccination response in pre-smolt Atlantic salmon (*Salmo salar*) fed black soldier fly (*Hermetia illucens*) larvae meal.**
[doi:10.1016/j.fsi.2018.12.057](https://doi.org/10.1016/j.fsi.2018.12.057)
Fish Shellfish Immunol 86, 1106-1113.
· Li Y, Kortner TM, Chikwati EM, Munang'andu HM, Lock E-J, Krogdahl A.
- 2018 ● **Citric acid as a functional supplement in diets for juvenile turbot, *Scophthalmus maximus* L.: Effects on phosphorus discharge, growth performance, and intestinal health.**
[doi:10.1016/j.aquaculture.2018.04.004](https://doi.org/10.1016/j.aquaculture.2018.04.004)
Aquaculture 495, 643-653.
· Dai J*, Li Y*, Yang P, Liu Y, Chen Z, Ou W, Ai Q, Zhang W, Zhang Y, Mai K.
· *Co-first author
- **Dietary stachyose altered the intestinal microbiota profile and improved the intestinal mucosal barrier function of juvenile turbot, *Scophthalmus maximus* L.** [doi:10.1111/are.13608](https://doi.org/10.1111/are.13608)
Aquaculture 486, 98-106.
· Yang P, Hu H, Liu Y, Li Y, Ai Q, Xu W, Zhang W, Zhang Y, Zhang Y, Mai K.
- **Potential of insect-based diets for Atlantic salmon (*Salmo salar*).**
[doi:10.1016/j.aquaculture.2018.03.016](https://doi.org/10.1016/j.aquaculture.2018.03.016)
Aquaculture 491, 72-81.
· Belghit I, Liland NS, Waagbo R, Biancarosa I, Pelusio N, Li Y, Krogdahl A, Lock E-J.
- 2017 ● **Dietary soya allergen β -conglycinin induces intestinal inflammatory reactions, serum-specific antibody response and growth reduction in a carnivorous fish species, turbot *Scophthalmus maximus* L.**
[doi:10.1111/are.13224](https://doi.org/10.1111/are.13224)
Aquaculture Research 48, 4022-4037.
· Li Y*, Hu H*, Liu J, Yang P, Zhang Y, Ai Q, Xu W, Zhang W, Mai K.
· *Co-first author
- **Effects of dietary glycinin on the growth performance, digestion, intestinal morphology and bacterial community of juvenile turbot, *Scophthalmus maximus* L.** [doi:10.1016/j.aquaculture.2017.05.008](https://doi.org/10.1016/j.aquaculture.2017.05.008)
Aquaculture 479, 125-133.
· Li Y, Yang P, Zhang Y, Ai Q, Xu W, Zhang W, Zhang Y, Hu H, Liu J, Mai K.