Houguo Xu

List of Publications by Year in Descending Order

69 papers	1,353 citations	19 h-index	35 g-index
81 ext. papers	1,789 ext. citations	3.6 avg, IF	4.67 L-index

#	Paper	IF	Citations
69	Effects of Dietary Lysophosphatidylcholine on Growth Performance and Lipid Metabolism of Juvenile Turbot. *Aquaculture Nutrition*, **2022**, 2022, 1-12	3.2	3
68	Response of lipid and fatty acid composition of turbot to starvation under different dietary lipid levels in the previous feeding period.. *Food Research International*, **2022**, 151, 110905	7	3
67	Tissue Distribution and Nutritional Regulation of Fatty Acid-Binding Proteins (fabps) in Two Marine Teleosts, Turbot (Scophthalmus maximus), and Tiger Puffer (Takifugu rubripes). *Aquaculture Nutrition*, **2022**, 2022, 1-14	3.2	0
66	Dietary lysophosphatidylcholine regulates diacylglycerol, cardiolipin and free fatty acid contents in the fillet of turbot.. *Food Chemistry: X*, **2022**, 14, 100293	4.7	0
65	Response of lipid-related composition of farmed tiger puffer (Takifugu rubripes) to starvation under different dietary lipid levels in the previous feeding period. *Aquaculture Reports*, **2022**, 24, 101095	2.3	
64	Responses to graded levels of leucine and branched-chain amino acid imbalance in tiger puffer Takifugu rubripes. *Aquaculture*, **2021**, 737699	4.4	1
63	Dietary lipid levels affected antioxidative status, inflammation response, apoptosis and microbial community in the intestine of juvenile turbot (Scophthalmus maximus L.). *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2021**, 264, 111118	2.6	1
62	Application of the fish oil-finishing strategy in a lean marine teleost, tiger puffer (Takifugu rubripes). *Aquaculture*, **2021**, 534, 736306	4.4	4
61	Different lipid scenarios in three lean marine teleosts having different lipid storage patterns. *Aquaculture*, **2021**, 536, 736448	4.4	6
60	Effects of different dietary lipid levels on intestinal mucosal barrier and microbial community of juvenile tiger puffer Takifugu rubripes. *Aquaculture Nutrition*, **2021**, 27, 1626-1639	3.2	1
59	Fish protein hydrolysate supplementation in plant protein based diets for tiger puffer (Takifugu rubripes) is an effective strategy of fish meal sparing. *Aquaculture Reports*, **2021**, 20, 100720	2.3	2
58	Effects of dietary arginine levels on growth, intestinal peptide and amino acid transporters, and gene expressions of the TOR signaling pathway in tiger puffer, Takifugu rubripes. *Aquaculture*, **2021**, 532, 736086	4.4	8
57	Long-term alternate feeding between fish oil- and terrestrially sourced oil-based diets mitigated the adverse effects of terrestrially sourced oils on turbot fillet quality. *Aquaculture*, **2021**, 531, 735974	4.4	3
56	Effects of alternate feeding between fish oil- and terrestrially sourced oil-based diets on fatty acid composition of different tissues of turbot. *Aquaculture Research*, **2021**, 52, 3475-3482	1.9	1
55	Screening of reference genes in tiger puffer (Takifugu rubripes) across tissues and under different nutritional conditions. *Fish Physiology and Biochemistry*, **2021**, 47, 1739-1758	2.7	3
54	Taurine requirement and metabolism response of tiger puffer Takifugu rubripes to graded taurine supplementation. *Aquaculture*, **2020**, 524, 735237	4.4	5
53	Tissue distribution of transcription for 29 lipid metabolism-related genes in Takifugu rubripes, a marine teleost storing lipid predominantly in liver. *Fish Physiology and Biochemistry*, **2020**, 46, 1603-1619	2.7	4

52	Sexually dimorphic transcription of putative melanin-concentrating hormone 2 preprotein (pmch2) in Chinese tongue sole (Cynoglossus semilaevis) in response to dietary arachidonic acid. *Aquaculture Research*, **2020**, 51, 3472-3477	1.9	1
51	Cloning and characterization of MID1 interacting protein 1 (mid1ip1) from tiger puffer (Takifugu rubripes), and its gene expression in response to dietary bile acid and lipid levels. *Aquaculture Reports*, **2020**, 17, 100363	2.3	1
50	Effects of lysine and leucine in free and different dipeptide forms on the growth, amino acid profile and transcription of intestinal peptide, and amino acid transporters in turbot (Scophthalmus maximus). *Fish Physiology and Biochemistry*, **2020**, 46, 1795-1807	2.7	5
49	Dietary taurine stimulates the hepatic biosynthesis of both bile acids and cholesterol in the marine teleost, tiger puffer (). *British Journal of Nutrition*, **2020**, 123, 1345-1356	3.6	14
48	Cloning and Characterization of Cholesterol 25-Hydroxylase (ch25h) From a Marine Teleost, Chinese Tongue Sole (Cynoglossus semilaevis), and Its Gene Expressions in Response to Dietary Arachidonic Acid. *Frontiers in Marine Science*, **2020**, 6,	4.5	2
47	Fish protein hydrolysate affected amino acid absorption and related gene expressions of IGF-1/AKT pathways in turbot (Scophthalmus maximus). *Aquaculture Nutrition*, **2020**, 26, 145-155	3.2	7
46	Dietary bile acids regulate the hepatic lipid homeostasis in tiger puffer fed normal or high-lipid diets. *Aquaculture*, **2020**, 519, 734935	4.4	19
45	Amino acid absorption and protein synthesis responses of turbot Scophthalmus maximus to lysine and leucine in free, dipeptide and tripeptide forms. *Aquaculture Nutrition*, **2020**, 26, 358-367	3.2	5
44	Are fish what they eat? A fatty acidS perspective. *Progress in Lipid Research*, **2020**, 80, 101064	14.3	37
43	Effects of dietary phosphorus level and stocking density on tiger puffer Takifugu rubripes: Growth performance, body composition, lipid metabolism, deposition of phosphorus and calcium, serum biochemical parameters, and phosphorus excretion. *Aquaculture*, **2020**, 529, 735709	4.4	3
42	Fish protein hydrolysate in diets of turbot affects muscle fibre morphometry, and the expression of muscle growth-related genes. *Aquaculture Nutrition*, **2020**, 26, 1780-1791	3.2	2
41	Dietary methionine increased the lipid accumulation in juvenile tiger puffer Takifugu rubripes. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2019**, 230, 19-28	2.3	8
40	Effects of dietary n-6 polyunsaturated fatty acids on growth performance, body composition, haematological parameters and hepatic physiology of juvenile tiger puffer (Takifugu rubripes). *Aquaculture Nutrition*, **2019**, 25, 1073-1086	3.2	7
39	Transcriptomic Analysis of Potential "lncRNA-mRNA" Interactions in Liver of the Marine Teleost Fed Diets With Different DHA/EPA Ratios. *Frontiers in Physiology*, **2019**, 10, 331	4.6	6
38	A moderately high level of dietary lipid inhibited the protein secretion function of liver in juvenile tiger puffer Takifugu rubripes. *Aquaculture*, **2019**, 498, 17-27	4.4	18
37	Possible involvement of PKC/MAPK pathway in the regulation of GnRH by dietary arachidonic acid in the brain of male tongue sole Cynoglossus semilaevis. *Aquaculture Research*, **2019**, 50, 3528-3538	1.9	4
36	Intestinal homeostasis of juvenile tiger puffer Takifugu rubripes was sensitive to dietary arachidonic acid in terms of mucosal barrier and microbiota. *Aquaculture*, **2019**, 502, 97-106	4.4	19
35	Hepatic transcriptome of the euryhaline teleost Japanese seabass (Lateolabrax japonicus) fed diets characterized by linolenic acid or linoleic acid. *Comparative Biochemistry and Physiology Part D: Genomics and Proteomics*, **2019**, 29, 106-116	2	1

34	Taurine alone or in combination with fish protein hydrolysate affects growth performance, taurine transport and metabolism in juvenile turbot (Scophthalmus maximus L.). *Aquaculture Nutrition*, **2019**, 25, 396-405	3.2	9
33	Dietary krill hydrolysates affect the expression of growth-related genes in juvenile turbot (Scophthalmus maximus L.). *Aquaculture Nutrition*, **2019**, 25, 406-413	3.2	2
32	Moderate levels of dietary arachidonic acid reduced lipid accumulation and tended to inhibit cell cycle progression in the liver of Japanese seabass Lateolabrax japonicus. *Scientific Reports*, **2018**, 8, 10682	4.9	8
31	Dietary astaxanthin differentially affected the lipid accumulation in the liver and muscle of the marine teleost, tiger puffer Takifugu rubripes. *Aquaculture Research*, **2018**, 49, 3421-3433	1.9	6
30	Lipid contents in farmed fish are influenced by dietary DHA/EPA ratio: A study with the marine flatfish, tongue sole (Cynoglossus semilaevis). *Aquaculture*, **2018**, 485, 183-190	4.4	20
29	The effects of dietary astaxanthin on intestinal health of juvenile tiger puffer Takifugu rubripes in terms of antioxidative status, inflammatory response and microbiota. *Aquaculture Nutrition*, **2018**, 25, 466	3.2	1
28	1H NMR-based metabolomics studies on the effect of size-fractionated fish protein hydrolysate, fish meal and plant protein in diet for juvenile turbot (Scophthalmus maximus L.). *Aquaculture Nutrition*, **2017**, 23, 523-536	3.2	17
27	Regulation of FADS2 transcription by SREBP-1 and PPAR-□nfluences LC-PUFA biosynthesis in fish. *Scientific Reports*, **2017**, 7, 40024	4.9	50
26	Antarctic krill (Euphausia superba) meal in the diets improved the reproductive performance of tongue sole (Cynoglossus semilaevis) broodstock. *Aquaculture Nutrition*, **2017**, 23, 1287-1295	3.2	9
25	Cloning and characterization of fatty acid transport proteins in Japanese seabass Lateolabrax japonicus, and their gene expressions in response to dietary arachidonic acid. *Aquaculture Research*, **2017**, 48, 5718-5728	1.9	8
24	Dietary arachidonic acid differentially regulates the gonadal steroidogenesis in the marine teleost, tongue sole (Cynoglossus semilaevis), depending on fish gender and maturation stage. *Aquaculture*, **2017**, 468, 378-385	4.4	47
23	Cloning and characterization of fatty acid-binding proteins (fabps) from Japanese seabass (Lateolabraxjaponicus) liver, and their gene expressions in response to dietary arachidonic acid (ARA). *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2017**, 204, 27-34	2.3	15
22	Effects of different dietary DHA:EPA ratios on gonadal steroidogenesis in the marine teleost, tongue sole (Cynoglossus semilaevis). *British Journal of Nutrition*, **2017**, 118, 179-188	3.6	7
21	Arachidonic acid in diets for early maturation stages enhances the final reproductive performances of Pacific white shrimp (Litopenaeus vannamei). *Aquaculture*, **2017**, 479, 556-563	4.4	16
20	Application of different types of protein hydrolysate in high plant protein diets for juvenile turbot (Scophthalmus maximus). *Aquaculture Research*, **2017**, 48, 2945-2953	1.9	10
19	The effect of ultrafiltered fish protein hydrolysate levels on the liver and muscle metabolic profile of juvenile turbot (Scophthalmus maximus L.) by 1H NMR-based metabolomics studies. *Aquaculture Research*, **2017**, 48, 3515-3527	1.9	10
18	Effects of oxidised dietary fish oil and high-dose vitamin E supplementation on growth performance, feed utilisation and antioxidant defence enzyme activities of juvenile large yellow croaker (Larmichthys crocea). *British Journal of Nutrition*, **2016**, 115, 1531-8	3.6	14
17	The effect of ultrafiltered fish protein hydrolysate level on growth performance, protein digestibility and mRNA expression of PepT1 in juvenile turbot (Scophthalmus maximus L.). *Aquaculture Nutrition*, **2016**, 22, 1006-1017	3.2	27

List of Publications

16	Dietary docosahexaenoic acid to eicosapentaenoic acid (DHA/EPA) ratio influenced growth performance, immune response, stress resistance and tissue fatty acid composition of juvenile Japanese seabass, Lateolabrax japonicus (Cuvier). *Aquaculture Research*, **2016**, 47, 741-757	1.9	30
15	Graded levels of fish protein hydrolysate in high plant diets for turbot (Scophthalmus maximus): effects on growth performance and lipid accumulation. *Aquaculture*, **2016**, 454, 140-147	4.4	70
14	Response of juvenile Japanese seabass (Lateolabrax japonicus) to different dietary fatty acid profiles: Growth performance, tissue lipid accumulation, liver histology and flesh texture. *Aquaculture*, **2016**, 461, 40-47	4.4	32
13	Effect of dietary vitamin E on the sperm quality of turbot (Scophthalmus maximus). *Journal of Ocean University of China*, **2015**, 14, 695-702	1	5
12	Cloning and characterization of SREBP-1 and PPAR-□in Japanese seabass Lateolabrax japonicus, and their gene expressions in response to different dietary fatty acid profiles. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2015**, 180, 48-56	2.3	35
11	Replacement of Fish Oil with Linseed Oil or Soybean Oil in Feeds for Japanese Seabass, Lateolabrax japonicus : Effects on Growth Performance, Immune Response, and Tissue Fatty Acid Composition. *Journal of the World Aquaculture Society*, **2015**, 46, 349-362	2.5	27
10	Effects of dietary ethoxyquin on growth, feed utilization and residue in the muscle of juvenile Japanese seabass, Lateolabrax japonicus. *Aquaculture Research*, **2015**, 46, 2656-2664	1.9	13
9	Effects of dietary supplementation of glycyrrhizic acid on growth performance, survival, innate immune response and parasite resistance in juvenile large yellow croaker, Larimichthys crocea (Richardson). *Aquaculture Research*, **2015**, 46, 86-94	1.9	8
8	Dietary chromium polynicotinate enhanced growth performance, feed utilization, and resistance to Cryptocaryon irritans in juvenile large yellow croaker (Larmichthys crocea). *Aquaculture*, **2014**, 432, 321-326	4.4	23
7	Regulation of tissue LC-PUFA contents, □6 fatty acyl desaturase (FADS2) gene expression and the methylation of the putative FADS2 gene promoter by different dietary fatty acid profiles in Japanese seabass (Lateolabrax japonicus). *PLoS ONE*, **2014**, 9, e87726	3.7	59
6	Effects of dietary docosahexaenoic to eicosapentaenoic acid ratio (DHA/EPA) on growth, nonspecific immunity, expression of some immune related genes and disease resistance of large yellow croaker (Larmichthys crocea) following natural infestation of parasites (Cryptocaryon irritans). *Aquaculture*, **2012**, 334-337, 101-109	4.4	73
5	Effects of dietary n-3 highly unsaturated fatty acids on growth, nonspecific immunity, expression of some immune related genes and disease resistance of large yellow croaker (Larmichthys crocea) following natural infestation of parasites (Cryptocaryon irritans). *Fish and Shellfish Immunology*, **2012**, 32, 249-58	4.3	164
4	Effects of dietary supplementation of Bacillus subtilis and fructooligosaccharide on growth performance, survival, non-specific immune response and disease resistance of juvenile large yellow croaker, Larimichthys crocea. *Aquaculture*, **2011**, 317, 155-161	4.4	203
3	Effects of dietary ethoxyquin on growth performance and body composition of large yellow croaker Pseudosciaena crocea. *Aquaculture*, **2010**, 306, 80-84	4.4	24
2	Effects of dietary arachidonic acid on growth performance, survival, immune response and tissue fatty acid composition of juvenile Japanese seabass, Lateolabrax japonicus. *Aquaculture*, **2010**, 307, 75-82	4.4	97
1	Arachidonic acid matters. *Reviews in Aquaculture*,	8.9	5