

# Xing Lu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3723324/publications.pdf>

Version: 2024-02-01

29  
papers

412  
citations

759233

12  
h-index

794594

19  
g-index

30  
all docs

30  
docs citations

30  
times ranked

488  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of stocking density on growth performance, serum biochemical parameters, and muscle texture properties of genetically improved farm tilapia, <i>Oreochromis niloticus</i> . <i>Aquaculture International</i> , 2018, 26, 1247-1259.	2.2	49
2	Creatine improves the flesh quality of Pacific white shrimp ( <i>Litopenaeus vannamei</i> ) reared in freshwater. <i>Food Chemistry</i> , 2021, 354, 129498.	8.2	41
3	Histone Demethylase KDM4B Promotes DNA Damage by Activating Long Interspersed Nuclear Element-1. <i>Cancer Research</i> , 2019, 79, 86-98.	0.9	25
4	Characterization of Zebrafish <i>Abcc4</i> as an Efflux Transporter of Organochlorine Pesticides. <i>PLoS ONE</i> , 2014, 9, e111664.	2.5	24
5	Zebrafish <i>Abcb4</i> is a potential efflux transporter of microcystin-LR. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2015, 167, 35-42.	2.6	23
6	Semisynthetic ferulic acid derivative: an efficient feed additive for Genetically Improved Farmed Tilapia ( <i>Oreochromis niloticus</i> ). <i>Aquaculture Research</i> , 2017, 48, 5017-5028.	1.8	23
7	Molecular cloning and gene/protein expression of FAT/CD36 from grass carp ( <i>Ctenopharyngodon</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 43, 875-888.	2.3	21
8	Effects of ferulic acid on growth performance, immunity and antioxidant status in genetically improved farmed tilapia ( <i>Oreochromis niloticus</i> ) fed oxidized fish oil. <i>Aquaculture Nutrition</i> , 2020, 26, 1431-1442.	2.7	20
9	RNA-Seq Identifies Key Reproductive Gene Expression Alterations in Response to Cadmium Exposure. <i>BioMed Research International</i> , 2014, 2014, 1-11.	1.9	18
10	Effects of dietary protein levels on growth, muscle composition, digestive enzymes activities, hemolymph biochemical indices and ovary development of pre-adult red swamp crayfish ( <i>Procambarus</i> ) Tj ETQq0 0.07rgBT /Overlock 10	0.7	10
11	Dietary phosphatidylcholine impacts on growth performance and lipid metabolism in adult Genetically Improved Farmed Tilapia (GIFT) strain of Nile tilapia ( <i>Oreochromis niloticus</i> ). <i>British Journal of Nutrition</i> , 2018, 119, 12-21.	2.3	16
12	Epigenetic dysregulation of <i>Mdr1b</i> in the blood-testis barrier contributes to dyszoospermia in mice exposed to cadmium. <i>Ecotoxicology and Environmental Safety</i> , 2020, 190, 110142.	6.0	13
13	AMPK activation by dietary AICAR affects the growth performance and glucose and lipid metabolism in juvenile grass carp. <i>Aquaculture Nutrition</i> , 2020, 26, 3-14.	2.7	12
14	Transcriptomic characterization of zebrafish larvae in response to mercury exposure. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 192, 40-49.	2.6	11
15	Microcystin-LR-regulated transcriptome dynamics in ZFL cells. <i>Aquatic Toxicology</i> , 2019, 212, 222-232.	4.0	11
16	Adaptations of hepatic lipid and glucose metabolism in response to high-macronutrient diets in juvenile grass carp. <i>Aquaculture Nutrition</i> , 2021, 27, 1738-1749.	2.7	10
17	Identification of a C-type lectin from tilapia ( <i>Oreochromis niloticus</i> ) and its functional characterization under low-temperature stress. <i>Fish and Shellfish Immunology</i> , 2016, 58, 631-640.	3.6	9
18	Effects of dietary manipulation on compensatory growth of juvenile genetically improved farmed tilapia ( <i>Oreochromis niloticus</i> ). <i>Fish Physiology and Biochemistry</i> , 2019, 45, 21-32.	2.3	9

#	ARTICLE	IF	CITATIONS
19	Transcriptional response of zebrafish larvae exposed to lindane reveals two detoxification genes of ABC transporter family ( <i>abcg5</i> and <i>abcg8</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 232, 108755.	2.6	8
20	Comparative analysis of growth performance and liver transcriptome response of juvenile <i>Ancherythroculter nigrocauda</i> fed diets with different protein levels. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2019, 31, 100592.	1.0	7
21	Growth arrest specific gene 2 in tilapia ( <i>Oreochromis niloticus</i> ): molecular characterization and functional analysis under low-temperature stress. <i>BMC Molecular Biology</i> , 2017, 18, 18.	3.0	6
22	Dietary vitamin E requirement of subadult genetically improved farmed tilapia strain of Nile tilapia ( <i>Oreochromis niloticus</i> ) reared in freshwater. <i>Aquaculture Nutrition</i> , 2020, 26, 233-241.	2.7	6
23	The effects of high-macronutrient (protein, fat and carbohydrate) diets on growth performance and muscular metabolic responses in grass carp. <i>Aquaculture Nutrition</i> , 2020, 26, 2135-2146.	2.7	6
24	A comparative study on protein-sparing effects among juvenile <i>Erythroculter ilishaeformis</i> line, <i>Ancherythroculter nigrocauda</i> line and their hybrid F <sub>1</sub> fed diets with different protein to carbohydrate ratios. <i>Aquaculture Nutrition</i> , 2020, 26, 993-1006.	2.7	6
25	Generation of Knockout and Transgenic Zebrafish to Characterize <i>Abcc4</i> Functions in Detoxification and Efflux of Lead. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2054.	4.1	6
26	Effects of dietary niacin on liver health in genetically improved farmed tilapia ( <i>Oreochromis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T	1.7	3
27	Effect of lipid sources on growth performance, muscle composition, haemolymph biochemical indices and digestive enzyme activities of red swamp crayfish ( <i>Procambarus clarkii</i> ). <i>Aquaculture Nutrition</i> , 2021, 27, 1996-2006.	2.7	2
28	Genome-wide identification and expression analysis of <i>Bcl-2</i> gene family under low-temperature stress in tilapia ( <i>Oreochromis niloticus</i> ). <i>Israeli Journal of Aquaculture - Bamidgeh</i> , 0, 72, .	0.0	1
29	Role of creatine supplementation on the myofiber characteristics and muscle protein synthesis of grass carp ( <i>Ctenopharyngodon idellus</i> ). <i>British Journal of Nutrition</i> , 2022, , 1-45.	2.3	1