Jen-Leih Wu

List of Publications by Year
in descending order

53 papers	1,515 citations	411340 20 h-index	355658 38 g-index
54 all docs	54 docs citations	54 times ranked	2619 citing authors

#	Article	IF	Citations
1	Infectious Spleen and Kidney Necrosis Virus (ISKNV) Triggers Mitochondria-Mediated Dynamic Interaction Signals via an Imbalance of Bax/Bak over Bcl-2/Bcl-xL in Fish Cells. Viruses, 2022, 14, 922.	1.5	9
2	The Alteration of Intestinal Microbiota Profile and Immune Response in Epinephelus coioides during Pathogen Infection. Life, 2021, 11, 99.	1.1	16
3	Comparative transcriptome analysis reveals ectopic delta-5 and delta-6 desaturases enhance protective gene expression upon Vibrio vulnificus challenge in Tilapia (Oreochromis niloticus). BMC Genomics, 2021, 22, 200.	1.2	0
4	Proapoptotic Bad Involved in Brain Development, When Severely Defected, Induces Dramatic Malformation in Zebrafish. International Journal of Molecular Sciences, 2021, 22, 4832.	1.8	3
5	Progranulin A Promotes Compensatory Hepatocyte Proliferation via HGF/c-Met Signaling after Partial Hepatectomy in Zebrafish. International Journal of Molecular Sciences, 2021, 22, 11217.	1.8	4
6	Dietary Administration of Novel Multistrain Probiotics from Healthy Grouper Intestines Promotes the Intestinal Immune Response against NNV Infection. Life, 2021, 11, 1053.	1.1	2
7	The Proapoptotic Gene Bad Regulates Brain Development via p53-Mediated Stress Signals in Zebrafish. Cells, 2021, 10, 2820.	1.8	3
8	EPA and DHA can modulate cell death via inhibition of the Fas/tBid-mediated signaling pathway with ISKNV infection in grouper fin cell line (GF-1) cells. Fish and Shellfish Immunology, 2020, 97, 608-616.	1.6	3
9	Dual expression of transgenic delta-5 and delta-6 desaturase in tilapia alters gut microbiota and enhances resistance to Vibrio vulnificus infection. PLoS ONE, 2020, 15, e0236601.	1.1	7
10	Blast2Fish: a reference-based annotation web tool for transcriptome analysis of non-model teleost fish. BMC Bioinformatics, 2020, 21, 174.	1.2	2
11	Omega-3 polyunsaturated fatty acids suppress metastatic features of human cholangiocarcinoma cells by suppressing twist. Journal of Nutritional Biochemistry, 2019, 74, 108245.	1.9	3
12	Granulin peptide GRN-41 of Mozambique tilapia is a novel antimicrobial peptide against Vibrio species. Biochemical and Biophysical Research Communications, 2019, 515, 706-711.	1.0	8
13	The microbiota profile and transcriptome analysis of immune response during metamorphosis stages in orange spotted grouper (Epinephelus coioides). Fish and Shellfish Immunology, 2019, 90, 141-149.	1.6	15
14	A potent tilapia secreted granulin peptide enhances the survival of transgenic zebrafish infected by Vibrio vulnificus via modulation of innate immunity. Fish and Shellfish Immunology, 2018, 75, 74-90.	1.6	15
15	Development of the LYVEâ€1 gene with an acidicâ€aminoâ€acidâ€rich (AAAR) domain in evolution is associated with acquisition of lymph nodes and efficient adaptive immunity. Journal of Cellular Physiology, 2018, 233, 2681-2692.	2.0	3
16	Inducible liver-specific overexpression of gankyrin in zebrafish results in spontaneous intrahepatic cholangiocarcinoma and hepatocellular carcinoma formation. Biochemical and Biophysical Research Communications, 2017, 490, 1052-1058.	1.0	12
17	MiR-145 mediates zebrafish hepatic outgrowth through progranulin A signaling. PLoS ONE, 2017, 12, e0177887.	1.1	7
18	A Sketch of the Taiwan Zebrafish Core Facility. Zebrafish, 2016, 13, S-24-S-29.	0.5	15

#	Article	IF	Citations
19	Knockdown of zebrafish YY1a can downregulate the phosphatidylserine (PS) receptor expression, leading to induce the abnormal brain and heart development. Journal of Biomedical Science, 2016, 23, 31.	2.6	7
20	Giant seaperch iridovirus (GSIV) induces mitochondria-mediated cell death that is suppressed by bongkrekic acid and cycloheximide in a fish cell line. Virus Research, 2016, 213, 37-45.	1.1	13
21	GSIV serine/threonine kinase can induce apoptotic cell death via p53 and pro-apoptotic gene Bax upregulation in fish cells. Apoptosis: an International Journal on Programmed Cell Death, 2016, 21, 443-458.	2.2	21
22	Aquatic viruses induce host cell death pathways and its application. Virus Research, 2016, 211, 133-144.	1.1	29
23	AMP-Activated Protein Kinase Directly Phosphorylates and Destabilizes Hedgehog Pathway Transcription Factor GLI1 in Medulloblastoma. Cell Reports, 2015, 12, 599-609.	2.9	73
24	Transgenic expression of omega-3 PUFA synthesis genes improves zebrafish survival during Vibrio vulnificus infection. Journal of Biomedical Science, 2015, 22, 103.	2.6	27
25	Piscidin is Highly Active against Carbapenem-Resistant Acinetobacter baumannii and NDM-1-Producing Klebsiella pneumonia in a Systemic Septicaemia Infection Mouse Model. Marine Drugs, 2015, 13, 2287-2305.	2.2	31
26	RIG-I specifically mediates group II type I IFN activation in nervous necrosis virus infected zebrafish cells. Fish and Shellfish Immunology, 2015, 43, 427-435.	1.6	40
27	Modulation of p53 and met expression by KrÃ¼ppelâ€like factor 8 regulates zebrafish cerebellar development. Developmental Neurobiology, 2015, 75, 908-926.	1.5	14
28	Giant seaperch iridovirus infection upregulates Bas and Bak expression, leading to apoptotic death of fish cells. Fish and Shellfish Immunology, 2015, 45, 848-857.	1.6	9
29	Molecular cloning and functional characterization of the hepcidin gene from the convict cichlid (Amatitlania nigrofasciata) and its expression pattern in response to lipopolysaccharide challenge. Fish Physiology and Biochemistry, 2015, 41, 449-461.	0.9	20
30	Use of tilapia piscidin 3 (TP3) to protect against MRSA infection in mice with skin injuries. Oncotarget, 2015, 6, 12955-12969.	0.8	13
31	Hypoxia-Inducible Factor 2 Alpha Is Essential for Hepatic Outgrowth and Functions via the Regulation of leg1 Transcription in the Zebrafish Embryo. PLoS ONE, 2014, 9, e101980.	1.1	32
32	Interferon Regulatory Factor-1 (IRF-1) Is Involved in the Induction of Phosphatidylserine Receptor (PSR) in Response to dsRNA Virus Infection and Contributes to Apoptotic Cell Clearance in CHSE-214 Cell. International Journal of Molecular Sciences, 2014, 15, 19281-19306.	1.8	15
33	Transgenic expression of salmon delta-5 and delta-6 desaturase in zebrafish muscle inhibits the growth of Vibrio alginolyticus and affects fish immunomodulatory activity. Fish and Shellfish Immunology, 2014, 39, 223-230.	1.6	24
34	RNA interference technology used for the study of aquatic virus infections. Fish and Shellfish Immunology, 2014, 40, 14-23.	1.6	18
35	Shrimp anti-lipopolysaccharide factor (SALF), an antimicrobial peptide, inhibits proinflammatory cytokine expressions through the MAPK and NF-ÎºB pathways in LPS-induced HeLa cells. Peptides, 2013, 40, 42-48.	1.2	25
36	Truncated antimicrobial peptides from marine organisms retain anticancer activity and antibacterial activity against multidrug-resistant Staphylococcus aureus. Peptides, 2013, 44, 139-148.	1.2	49

#	Article	IF	Citations
37	A zebrafish model of intrahepatic cholangiocarcinoma by dual expression of hepatitis B virus X and hepatitis C virus core protein in liver. Hepatology, 2012, 56, 2268-2276.	3.6	57
38	Progranulin compensates for blocked IGFâ€1 signaling to promote myotube hypertrophy in C2C12 myoblasts via the PI3K/Akt/mTOR pathway. FEBS Letters, 2012, 586, 3485-3492.	1.3	50
39	Zebrafish eggs used as bioreactors for the production of bioactive tilapia insulin-like growth factors. Transgenic Research, 2011, 20, 73-83.	1.3	12
40	Zebrafish HSC70 promoter to express carp muscle-specific creatine kinase for acclimation under cold condition. Transgenic Research, 2011, 20, 1217-1226.	1.3	18
41	Stage-Specific Expression of TNFÎ± Regulates Bad/Bid-Mediated Apoptosis and RIP1/ROS-Mediated Secondary Necrosis in Birnavirus-Infected Fish Cells. PLoS ONE, 2011, 6, e16740.	1.1	26
42	Nitroreductase-mediated Gonadal Dysgenesis for Infertility Control of Genetically Modified Zebrafish. Marine Biotechnology, 2010, 12, 569-578.	1.1	26
43	Organization and promoter analysis of the zebrafish (Danio rerio) chemokine gene (CXC-64) promoter. Fish Physiology and Biochemistry, 2010, 36, 511-521.	0.9	6
44	Progranulin A-mediated MET Signaling Is Essential for Liver Morphogenesis in Zebrafish*. Journal of Biological Chemistry, 2010, 285, 41001-41009.	1.6	34
45	Molecular cloning and functional analysis of the zebrafish follicle-stimulating hormone (FSH)Î² promoter. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2010, 155, 155-163.	0.7	6
46	Suppression of myostatin with vector-based RNA interference causes a double-muscle effect in transgenic zebrafish. Biochemical and Biophysical Research Communications, 2009, 387, 766-771.	1.0	96
47	Overexpression of Myostatin2 in zebrafish reduces the expression of dystrophin associated protein complex (DAPC) which leads to muscle dystrophy. Journal of Biomedical Science, 2008, 15, 595-604.	2.6	19
48	Response to a Letter to the Editor from Rodgers regarding â€œOverexpression of Myostatin2 in zebrafish reduces the expression of dystrophin associated protein complex (DAPC) which leads to muscle dystrophyâ€. Journal of Biomedical Science, 2008, 15, 843-845.	2.6	0
49	The interferon response is involved in nervous necrosis virus acute and persistent infection in zebrafish infection model. Molecular Immunology, 2008, 45, 1146-1152.	1.0	89
50	miR-122 targets an anti-apoptotic gene, Bcl-w, in human hepatocellular carcinoma cell lines. Biochemical and Biophysical Research Communications, 2008, 375, 315-320.	1.0	244
51	Co-induction of hepatic IGF-I and progranulin mRNA by growth hormone in tilapia, Oreochromis mossambiccus. General and Comparative Endocrinology, 2007, 150, 212-218.	0.8	25
52	In vivo studies of liver-type fatty acid binding protein (L-FABP) gene expression in liver of transgenic zebrafish (Danio rerio). FEBS Letters, 2003, 538, 125-133.	1.3	200
53	Cloning and Expression of a cDNA Coding for Catalase from Zebrafish (Danio rerio). Journal of Agricultural and Food Chemistry, 2000, 48, 2092-2096.	2.4	20