

Chung-Der Hsiao

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5458111/chung-der-hsiao-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

165
papers

2,597
citations

26
h-index

45
g-index

180
ext. papers

3,444
ext. citations

4
avg, IF

5.27
L-index

#	Paper	IF	Citations
165	Germ-line transmission of a myocardium-specific GFP transgene reveals critical regulatory elements in the cardiac myosin light chain 2 promoter of zebrafish. <i>Developmental Dynamics</i> , 2003 , 228, 30-40	2.9	376
164	A positive regulatory loop between foxi3a and foxi3b is essential for specification and differentiation of zebrafish epidermal ionocytes. <i>PLoS ONE</i> , 2007 , 2, e302	3.7	108
163	Carbonic anhydrase 2-like a and 15a are involved in acid-base regulation and Na ⁺ uptake in zebrafish H ⁺ -ATPase-rich cells. <i>American Journal of Physiology - Cell Physiology</i> , 2008 , 294, C1250-60	5.4	99
162	Potential Toxicity of Iron Oxide Magnetic Nanoparticles: A Review. <i>Molecules</i> , 2020 , 25,	4.8	99
161	Nanoplastics Cause Neurobehavioral Impairments, Reproductive and Oxidative Damages, and Biomarker Responses in Zebrafish: Throwing up Alarms of Wide Spread Health Risk of Exposure. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	77
160	Effects of stanniocalcin 1 on calcium uptake in zebrafish (<i>Danio rerio</i>) embryo. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009 , 296, R549-57	3.2	76
159	Triclosan (TCS) exposure impairs lipid metabolism in zebrafish embryos. <i>Aquatic Toxicology</i> , 2016 , 173, 29-35	5.1	68
158	Effects of hypothermia on gene expression in zebrafish gills: upregulation in differentiation and function of ionocytes as compensatory responses. <i>Journal of Experimental Biology</i> , 2008 , 211, 3077-84	3	64
157	Transgenic zebrafish with fluorescent germ cell: a useful tool to visualize germ cell proliferation and juvenile hermaphroditism in vivo. <i>Developmental Biology</i> , 2003 , 262, 313-23	3.1	55
156	Effects of 6-hydroxydopamine exposure on motor activity and biochemical expression in zebrafish (<i>Danio rerio</i>) larvae. <i>Zebrafish</i> , 2014 , 11, 227-39	2	53
155	Enhanced expression and stable transmission of transgenes flanked by inverted terminal repeats from adeno-associated virus in zebrafish. <i>Developmental Dynamics</i> , 2001 , 220, 323-36	2.9	51
154	The transcription factor, glial cell missing 2, is involved in differentiation and functional regulation of H ⁺ -ATPase-rich cells in zebrafish (<i>Danio rerio</i>). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009 , 296, R1192-201	3.2	49
153	Mechanism of isoniazid-induced hepatotoxicity in zebrafish larvae: Activation of ROS-mediated ERS, apoptosis and the Nrf2 pathway. <i>Chemosphere</i> , 2019 , 227, 541-550	8.4	48
152	Review of Copper and Copper Nanoparticle Toxicity in Fish. <i>Nanomaterials</i> , 2020 , 10,	5.4	47
151	Overexpression of Akt1 enhances adipogenesis and leads to lipoma formation in zebrafish. <i>PLoS ONE</i> , 2012 , 7, e36474	3.7	47
150	Next generation sequencing yields the complete mitochondrial genome of the flathead mullet, <i>Mugil cephalus</i> cryptic species NWP2 (Teleostei: Mugilidae). <i>Mitochondrial DNA</i> , 2016 , 27, 1758-9		38
149	Establishment of a transgenic zebrafish line for superficial skin ablation and functional validation of apoptosis modulators in vivo. <i>PLoS ONE</i> , 2011 , 6, e20654	3.7	38

148	A rapid assessment for predicting drug-induced hepatotoxicity using zebrafish. <i>Journal of Pharmacological and Toxicological Methods</i> , 2017 , 84, 102-110	1.7	35
147	Molecular structure and developmental expression of three muscle-type troponin T genes in zebrafish. <i>Developmental Dynamics</i> , 2003 , 227, 266-79	2.9	35
146	Zebrafish Mutants Carrying Leptin a (lepa) Gene Deficiency Display Obesity, Anxiety, Less Aggression and Fear, and Circadian Rhythm and Color Preference Dysregulation. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	33
145	A Simple Setup to Perform 3D Locomotion Tracking in Zebrafish by Using a Single Camera. <i>Inventions</i> , 2018 , 3, 11	2.9	28
144	Imaging of zebrafish in vivo with second-harmonic generation reveals shortened sarcomeres associated with myopathy induced by statin. <i>PLoS ONE</i> , 2011 , 6, e24764	3.7	28
143	Cytotoxic effects of 15d-PGJ2 against osteosarcoma through ROS-mediated AKT and cell cycle inhibition. <i>Oncotarget</i> , 2014 , 5, 716-25	3.3	28
142	An Updated Review of Toxicity Effect of the Rare Earth Elements (REEs) on Aquatic Organisms. <i>Animals</i> , 2020 , 10,	3.1	28
141	miRNome traits analysis on endothelial lineage cells discloses biomarker potential circulating microRNAs which affect progenitor activities. <i>BMC Genomics</i> , 2014 , 15, 802	4.5	26
140	Isoliquiritigenin triggers developmental toxicity and oxidative stress-mediated apoptosis in zebrafish embryos/larvae via Nrf2-HO1/JNK-ERK/mitochondrion pathway. <i>Chemosphere</i> , 2020 , 246, 125727	8.4	26
139	Zinc Chloride Exposure Inhibits Brain Acetylcholine Levels, Produces Neurotoxic Signatures, and Diminishes Memory and Motor Activities in Adult Zebrafish. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	26
138	Liver Fatty Acid Binding Protein Deficiency Provokes Oxidative Stress, Inflammation, and Apoptosis-Mediated Hepatotoxicity Induced by Pyrazinamide in Zebrafish Larvae. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 7347-7356	5.9	25
137	A Versatile Setup for Measuring Multiple Behavior Endpoints in Zebrafish. <i>Inventions</i> , 2018 , 3, 75	2.9	25
136	Aromatic L-amino acid decarboxylase (AADC) is crucial for brain development and motor functions. <i>PLoS ONE</i> , 2013 , 8, e71741	3.7	24
135	A variant of fibroblast growth factor receptor 2 (Fgfr2) regulates left-right asymmetry in zebrafish. <i>PLoS ONE</i> , 2011 , 6, e21793	3.7	23
134	Live Fluorescent Staining Platform for Drug-Screening and Mechanism-Analysis in Zebrafish for Bone Mineralization. <i>Molecules</i> , 2017 , 22,	4.8	22
133	A novel zebrafish model to provide mechanistic insights into the inflammatory events in carrageenan-induced abdominal edema. <i>PLoS ONE</i> , 2014 , 9, e104414	3.7	22
132	CNS-targeted AAV5 gene transfer results in global dispersal of vector and prevention of morphological and function deterioration in CNS of globoid cell leukodystrophy mouse model. <i>Molecular Genetics and Metabolism</i> , 2011 , 103, 367-77	3.7	22
131	Evaluation of the Effects of Carbon 60 Nanoparticle Exposure to Adult Zebrafish: A Behavioral and Biochemical Approach to Elucidate the Mechanism of Toxicity. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	22

130	Profile analysis of expressed sequence tags derived from the ovary of tilapia, <i>Oreochromis mossambicus</i> . <i>Aquaculture</i> , 2006 , 251, 537-548	4.4	19
129	Microsatellite records for volume 8, issue 1. <i>Conservation Genetics Resources</i> , 2016 , 8, 43-81	0.8	19
128	Ecotoxicity Assessment of FeO Magnetic Nanoparticle Exposure in Adult Zebrafish at an Environmental Pertinent Concentration by Behavioral and Biochemical Testing. <i>Nanomaterials</i> , 2019 , 9,	5.4	18
127	Ptenb mediates gastrulation cell movements via Cdc42/AKT1 in zebrafish. <i>PLoS ONE</i> , 2011 , 6, e18702	3.7	18
126	Transcriptome response to copper heavy metal stress in hard-shelled mussel (<i>Mytilus coruscus</i>). <i>Genomics Data</i> , 2016 , 7, 152-4		17
125	A Simple ImageJ-Based Method to Measure Cardiac Rhythm in Zebrafish Embryos. <i>Inventions</i> , 2018 , 3, 21	2.9	17
124	Behavioral Impairments and Oxidative Stress in the Brain, Muscle, and Gill Caused by Chronic Exposure of C Nanoparticles on Adult Zebrafish. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	17
123	Metabolomics for Biomarker Discovery in Fermented Black Garlic and Potential Bioprotective Responses against Cardiovascular Diseases. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 12191-12198	5.7	16
122	Innovation inspired by nature: Biocompatible self-healing injectable hydrogels based on modified-chitin for wound healing. <i>International Journal of Biological Macromolecules</i> , 2020 , 162, 723-736	7.9	16
121	Comparative proteomics analysis of teleost intermuscular bones and ribs provides insight into their development. <i>BMC Genomics</i> , 2017 , 18, 147	4.5	15
120	Zebrafish Carrying Gene Deficiency Display Aging and Multiple Behavioral Abnormalities. <i>Cells</i> , 2019 , 8,	7.9	15
119	Chronic Exposure to Low Concentration Lead Chloride-Induced Anxiety and Loss of Aggression and Memory in Zebrafish. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	15
118	Skin-specific expression of ictacalcin, a homolog of the S100 genes, during zebrafish embryogenesis. <i>Developmental Dynamics</i> , 2003 , 228, 745-50	2.9	15
117	Zebrafish: A Premier Vertebrate Model for Biomedical Research in Indian Scenario. <i>Zebrafish</i> , 2017 , 14, 589-605	2	14
116	Mitigation of cerebellar neuropathy in globoid cell leukodystrophy mice by AAV-mediated gene therapy. <i>Gene</i> , 2015 , 571, 81-90	3.8	14
115	Toxicity Studies on Graphene-Based Nanomaterials in Aquatic Organisms: Current Understanding. <i>Molecules</i> , 2020 , 25,	4.8	14
114	Establishing simple image-based methods and a cost-effective instrument for toxicity assessment on circadian rhythm dysregulation in fish. <i>Biology Open</i> , 2019 , 8,	2.2	13
113	Isolation and expression of two zebrafish homologues of parvalbumin genes related to chicken CPV3 and mammalian oncomodulin. <i>Mechanisms of Development</i> , 2002 , 119 Suppl 1, S161-6	1.7	13

112	Which Zebrafish Strains Are More Suitable to Perform Behavioral Studies? A Comprehensive Comparison by Phenomic Approach. <i>Biology</i> , 2020 , 9,	4.9	13
111	Hepatotoxicity Induced by Isoniazid-Lipopolysaccharide through Endoplasmic Reticulum Stress, Autophagy, and Apoptosis Pathways in Zebrafish. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	12
110	De novo assembly and comparison of the ovarian transcriptomes of the common Chinese cuttlefish (<i>Sepiella japonica</i>) with different gonadal development. <i>Genomics Data</i> , 2016 , 7, 155-8		12
109	Isolation and expression of two zebrafish homologues of parvalbumin genes related to chicken CPV3 and mammalian oncomodulin. <i>Gene Expression Patterns</i> , 2002 , 2, 163-8	1.5	12
108	Possible involvement of Fas/FasL-dependent apoptotic pathway in Ebisabolol induced cardiotoxicity in zebrafish embryos. <i>Chemosphere</i> , 2019 , 219, 557-566	8.4	12
107	Lipid Fingerprinting of Different Material Sources by UPLC-Q-Exactive Orbitrap/MS Approach and Their Zebrafish-Based Activities Comparison. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 2007-2015	5.7	11
106	Multiple Screening of Pesticides Toxicity in Zebrafish and Daphnia Based on Locomotor Activity Alterations. <i>Biomolecules</i> , 2020 , 10,	5.9	11
105	Triptolide-induced hepatotoxicity via apoptosis and autophagy in zebrafish. <i>Journal of Applied Toxicology</i> , 2019 , 39, 1532-1540	4.1	10
104	Changes of glycogen metabolism in the gills and hepatic tissue of tilapia (<i>Oreochromis mossambicus</i>) during short-term Cd exposure. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011 , 154, 296-304	3.2	10
103	ZooDDD: a cross-species database for digital differential display analysis. <i>Bioinformatics</i> , 2006 , 22, 2180-2182	7.2	10
102	Development of a Simple ImageJ-Based Method for Dynamic Blood Flow Tracking in Zebrafish Embryos and Its Application in Drug Toxicity Evaluation. <i>Inventions</i> , 2019 , 4, 65	2.9	10
101	Development of a Modified Three-Day T-maze Protocol for Evaluating Learning and Memory Capacity of Adult Zebrafish. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
100	The testis and ovary transcriptomes of the rock bream (<i>Oplegnathus fasciatus</i>): A bony fish with a unique neo Y chromosome. <i>Genomics Data</i> , 2016 , 7, 210-3		9
99	Cdc6 cooperates with c-Myc to promote genome instability and epithelial to mesenchymal transition EMT in zebrafish. <i>Oncotarget</i> , 2014 , 5, 6300-11	3.3	9
98	The Power of Fish Models to Elucidate Skin Cancer Pathogenesis and Impact the Discovery of New Therapeutic Opportunities. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	9
97	Evaluation of collagen mixture on promoting skin wound healing in zebrafish caused by acetic acid administration. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 505, 516-522	3.4	9
96	The complete chloroplast genome of Tianshan Snow Lotus (<i>Saussurea involucreata</i>), a famous traditional Chinese medicinal plant of the family Asteraceae. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2017 , 28, 294-295	1.3	8
95	Next-generation sequencing yields the complete mitogenome of massive coral, (Cnidaria: Poritidae). <i>Mitochondrial DNA Part B: Resources</i> , 2016 , 1, 8-9	0.5	8

94	Evaluation of nephrotoxic effects of aristolochic acid on zebrafish (<i>Danio rerio</i>) larvae. <i>Human and Experimental Toxicology</i> , 2016 , 35, 974-82	3.4	8
93	Comparison of the chronic toxicities of graphene and graphene oxide toward adult zebrafish by using biochemical and phenomic approaches. <i>Environmental Pollution</i> , 2021 , 278, 116907	9.3	8
92	Comparative study the expression of calcium cycling genes in Bombay duck () and beltfish () with different swimming activities. <i>Genomics Data</i> , 2017 , 12, 58-61		7
91	Cardiac Rhythm and Molecular Docking Studies of Ion Channel Ligands with Cardiotoxicity in Zebrafish. <i>Cells</i> , 2019 , 8,	7.9	7
90	Surface Modification of Magnetic Nanoparticles by Carbon-Coating Can Increase Its Biosafety: Evidences from Biochemical and Neurobehavioral Tests in Zebrafish. <i>Molecules</i> , 2020 , 25,	4.8	7
89	Protease signaling regulates apical cell extrusion, cell contacts, and proliferation in epithelia. <i>Journal of Cell Biology</i> , 2018 , 217, 1097-1112	7.3	7
88	Identification and Expression Analysis of Zebrafish (<i>Danio rerio</i>) E-Selectin during Embryonic Development. <i>Molecules</i> , 2015 , 20, 18539-50	4.8	7
87	Mechanism of anti-dementia effects of mangiferin in a senescence accelerated mouse (SAMP8) model. <i>Bioscience Reports</i> , 2019 , 39,	4.1	7
86	Systematical exploration of the common solvent toxicity at whole organism level by behavioral phenomics in adult zebrafish. <i>Environmental Pollution</i> , 2020 , 266, 115239	9.3	7
85	Identification of myogenic regulatory genes in the muscle transcriptome of beltfish (<i>Trichiurus lepturus</i>): A major commercial marine fish species with robust swimming ability. <i>Genomics Data</i> , 2016 , 8, 81-4		7
84	Physiological Effects of Neonicotinoid Insecticides on Non-Target Aquatic Animals-An Updated Review. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7
83	Next generation sequencing yields complete mitogenomes of Leopard whiplay (<i>Himantura leoparda</i>) and Blue-spotted stingray (<i>Neotrygon kuhlii</i>) (<i>Chondrichthyes: Dasyatidae</i>). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 2613-4	1.3	6
82	Waterborne Exposure of Paclobutrazol at Environmental Relevant Concentration Induce Locomotion Hyperactivity in Larvae and Anxiolytic Exploratory Behavior in Adult Zebrafish. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	6
81	De novo MECP2 duplication derived from paternal germ line result in dysmorphism and developmental delay. <i>Gene</i> , 2014 , 533, 78-85	3.8	6
80	Vitamin C Attenuates Oxidative Stress and Behavioral Abnormalities Triggered by Fipronil and Pyriproxyfen Insecticide Chronic Exposure on Zebrafish Juvenile. <i>Antioxidants</i> , 2020 , 9,	7.1	6
79	Method Standardization for Conducting Innate Color Preference Studies in Different Zebrafish Strains. <i>Biomedicines</i> , 2020 , 8,	4.8	6
78	Cardiovascular Performance Measurement in Water Fleas by Utilizing High-Speed Videography and ImageJ Software and Its Application for Pesticide Toxicity Assessment. <i>Animals</i> , 2020 , 10,	3.1	6
77	Expression and Purification of Recombinant GHK Tripeptides Are Able to Protect against Acute Cardiotoxicity from Exposure to Waterborne-Copper in Zebrafish. <i>Biomolecules</i> , 2020 , 10,	5.9	6

76	An Overview of Methods for Cardiac Rhythm Detection in Zebrafish. <i>Biomedicines</i> , 2020 , 8,	4.8	6
75	Next-generation sequencing yields the complete mitochondrial genome of the Redbelly yellowtail fusilier, <i>Caesio cuning</i> (Teleostei: Caesionidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2017 , 28, 125-126	1.3	5
74	Overexpression of Notch Signaling Induces Hyperosteogeny in Zebrafish. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	5
73	Low-coverage genome sequencing yields the complete mitogenome of Pyjama Slug, (Mollusca: Chromodorididae). <i>Mitochondrial DNA Part B: Resources</i> , 2016 , 1, 94-95	0.5	5
72	Zebrafish VCAP1X2 regulates cardiac contractility and proliferation of cardiomyocytes and epicardial cells. <i>Scientific Reports</i> , 2018 , 8, 7856	4.9	5
71	Next generation sequencing yields the complete mitochondrial genome of the Zebra moray, <i>Gymnomuraena zebra</i> (Anguilliformes: Muraenidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 4230-4231	1.3	4
70	Genome skimming yields the complete mitogenome of (Mollusca: Chromodorididae). <i>Mitochondrial DNA Part B: Resources</i> , 2017 , 2, 609-610	0.5	4
69	Peach Kernel Oil Downregulates Expression of Tissue Factor and Reduces Atherosclerosis in ApoE knockout Mice. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	4
68	The complete chloroplast genome of , an important economic red alga of the family Gracilariaceae. <i>Mitochondrial DNA Part B: Resources</i> , 2016 , 1, 2-3	0.5	4
67	Etv5a regulates the proliferation of ventral mesoderm cells and the formation of hemato-vascular derivatives. <i>Journal of Cell Science</i> , 2013 , 126, 5626-34	5.3	4
66	Exploiting the Freshwater Shrimp as Aquatic Invertebrate Model to Evaluate Nontargeted Pesticide Induced Toxicity by Investigating Physiologic and Biochemical Parameters. <i>Antioxidants</i> , 2021 , 10,	7.1	4
65	The hepatoprotective effects of squid gonad phospholipids on fatty liver disease in zebrafish. <i>Food Bioscience</i> , 2020 , 35, 100592	4.9	4
64	Transcriptome response of previtellogenic ovary in <i>Anguilla japonica</i> after artificial hormone injection. <i>Marine Genomics</i> , 2017 , 35, 31-34	1.9	3
63	Nano-titanium nitride causes developmental toxicity in zebrafish through oxidative stress. <i>Drug and Chemical Toxicology</i> , 2020 , 1-10	2.3	3
62	Transcriptome sequencing based annotation and homologous evidence based scaffolding of <i>Anguilla japonica</i> draft genome. <i>BMC Genomics</i> , 2016 , 17 Suppl 1, 13	4.5	3
61	Next generation sequencing yields the complete mitogenome of nereid worm, (Annelida: Nereididae). <i>Mitochondrial DNA Part B: Resources</i> , 2016 , 1, 103-104	0.5	3
60	The aquatic animalsQ transcriptome resource for comparative functional analysis. <i>BMC Genomics</i> , 2018 , 19, 103	4.5	3
59	CALR Mutations in Myeloproliferative Neoplasms. <i>International Journal of Gerontology</i> , 2014 , 8, 105		3

58	The complete mitogenome of nereid worm, (Annelida: Nereididae). <i>Mitochondrial DNA Part B: Resources</i> , 2017 , 2, 471-472	0.5	3
57	A Simple Method to Decode the Complete 18-5.8-28S rRNA Repeated Units of Green Algae by Genome Skimming. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	3
56	Evaluation of the Adverse Effects of Chronic Exposure to Donepezil (An Acetylcholinesterase Inhibitor) in Adult Zebrafish by Behavioral and Biochemical Assessments. <i>Biomolecules</i> , 2020 , 10,	5.9	3
55	Co-Treatment of Copper Oxide Nanoparticle and Carbofuran Enhances Cardiotoxicity in Zebrafish Embryos. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
54	Measurement of Multiple Cardiac Performance Endpoints in Daphnia and Zebrafish by Kymograph. <i>Inventions</i> , 2021 , 6, 8	2.9	3
53	Characterization and bioactivities of phospholipids from squid viscera and gonads using ultra-performance liquid chromatography-Q-exactive orbitrap/mass spectrometry-based lipidomics and zebrafish models. <i>Food and Function</i> , 2021 , 12, 7986-7996	6.1	3
52	The complete mitogenome of Ginkgo-toothed beaked whale (Mesoplodon ginkgodens) (Chordata: Ziphiidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 2846-7	1.3	2
51	The complete mitogenome of sea slug, Nembrotha kubaryana (Mollusca: Polyceridae). <i>Conservation Genetics Resources</i> , 2017 , 9, 245-247	0.8	2
50	A Novel Function of the Lysophosphatidic Acid Receptor 3 (LPAR3) Gene in Zebrafish on Modulating Anxiety, Circadian Rhythm Locomotor Activity, and Short-Term Memory. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
49	The complete mitogenome of the Galaxy Coral, (Cnidaria: Oculinidae). <i>Mitochondrial DNA Part B: Resources</i> , 2016 , 1, 10-11	0.5	2
48	Next-generation sequencing yields the complete mitochondrial genome of the flathead mullet, Mugil cephalus cryptic species in East Australia (Teleostei: Mugilidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 3218-9	1.3	2
47	Next-generation sequencing yields the complete mitochondrial genome of the longfang moray, Enchelynassa canina (Anguilliformes: Muraenidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 2431-2	1.3	2
46	The complete mitochondrial genome of the cryptic "lineage A" big-fin reef squid, Sepioteuthis lessoniana (Cephalopoda: Loliginidae) in Indo-West Pacific. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 2433-4	1.3	2
45	Low-frequency enzyme replacement therapy in late-onset Pompe disease. <i>Muscle and Nerve</i> , 2013 , 47, 612-3	3.4	2
44	Low temperature mitigates cardia bifida in zebrafish embryos. <i>PLoS ONE</i> , 2013 , 8, e69788	3.7	2
43	Duplicated and DNA Methyltransferase Genes Play Essential and Non-Overlapped Functions on Modulating Behavioral Control in Zebrafish. <i>Genes</i> , 2020 , 11,	4.2	2
42	Antidepressant Screening Demonstrated Non-Monotonic Responses to Amitriptyline, Amoxapine and Sertraline in Locomotor Activity Assay in Larval Zebrafish. <i>Cells</i> , 2021 , 10,	7.9	2
41	Interspecies Behavioral Variability of Medaka Fish Assessed by Comparative Phenomics. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2

40	The complete mitogenome of sea slug, (Mollusca: Phyllidiidae). <i>Mitochondrial DNA Part B: Resources</i> , 2016 , 1, 96-97	0.5	2
39	An Update Report on the Biosafety and Potential Toxicity of Fullerene-Based Nanomaterials toward Aquatic Animals. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 7995223	6.7	2
38	Complete mitogenomes of Armitage angelfish (<i>Apolemichthys armitagei</i>) and Griffisi angelfish (<i>Apolemichthys griffisi</i>) (Teleostei: Pomacanthidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 2683-4	1.3	1
37	UVB Irradiation Induced Cell Damage and Early Onset of Expression in Zebrafish. <i>Animals</i> , 2020 , 10,	3.1	1
36	The complete chloroplast genome of Wakame (), an important economic macroalga of the family Alariaceae. <i>Mitochondrial DNA Part B: Resources</i> , 2016 , 1, 25-26	0.5	1
35	The complete mitochondrial genome of the Emperor angelfish, <i>Pomacanthus imperator</i> (Perciformes: Pomacanthidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 4126-4127	1.3	1
34	The complete mitogenome of Japanese swallow angelfish (<i>Genicanthus semifasciatus</i>) and Ornate angelfish (<i>Genicanthus bellus</i>) (Teleostei: Pomacanthidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 2627-8	1.3	1
33	Low Coverage Whole Genome Sequencing Yields the Complete Mitogenome of <i>Hypselodoris bullocki</i> and <i>Hypselodoris apolegma</i> (Mollusca: Chromodorididae). <i>Journal of Coastal Research</i> , 2019 , 97, 23	0.6	1
32	(Snow Lotus) and Orthologues Involved in Regulating Cold Stress Tolerance in Transgenic. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
31	An OpenCV-Based Approach for Automated Cardiac Rhythm Measurement in Zebrafish from Video Datasets. <i>Biomolecules</i> , 2021 , 11,	5.9	1
30	Acute and Sub-Chronic Exposure to Artificial Sweeteners at the Highest Environmentally Relevant Concentration Induce Less Cardiovascular Physiology Alterations in Zebrafish Larvae. <i>Biology</i> , 2021 , 10,	4.9	1
29	Mitochondrial Genome Variation after Hybridization and Differences in the First and Second Generation Hybrids of Bream Fishes. <i>PLoS ONE</i> , 2016 , 11, e0158915	3.7	1
28	Phenomics Approach to Investigate Behavioral Toxicity of Environmental or Occupational Toxicants in Adult Zebrafish (<i>Danio rerio</i>). <i>Current Protocols</i> , 2021 , 1, e223		1
27	TCMacro: A Simple and Robust ImageJ-Based Method for Automated Measurement of Tail Coiling Activity in Zebrafish. <i>Biomolecules</i> , 2021 , 11,	5.9	1
26	Sub-lethal Camphor Exposure Triggers Oxidative Stress, Cardiotoxicity, and Cardiac Physiology Alterations in Zebrafish Embryos. <i>Cardiovascular Toxicology</i> , 2021 , 21, 901-913	3.4	1
25	Evaluation of Effects of Ractopamine on Cardiovascular, Respiratory, and Locomotory Physiology in Animal Model Zebrafish Larvae. <i>Cells</i> , 2021 , 10,	7.9	1
24	Metatranscriptomic analysis reveals co-expression pattern of mitochondrial oxidative phosphorylation (OXPHOS) genes among different species of bony fishes in muscle tissue. <i>Journal of King Saud University - Science</i> , 2020 , 32, 3084-3090	3.6	0
23	The complete mitochondrial genome of the cryptic "lineage B" big-fin reef squid, <i>Sepioteuthis lessoniana</i> (Cephalopoda: Loliginidae) in Indo-West Pacific. <i>Mitochondrial DNA</i> , 2016 , 27, 2100-1		0

22	Tripterygium wilfordii multiglycoside-induced hepatotoxicity via inflammation and apoptosis in zebrafish. <i>Chinese Journal of Natural Medicines</i> , 2021 , 19, 750-757	2.8	0
21	Performance Comparison of Five Methods for Tetrahymena Number Counting on the ImageJ Platform: Assessing the Built-in Tool and Machine-Learning-Based Extension. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 6009	6.3	0
20	Complete mitogenomes of Woodhead angelfish (<i>Centropyge woodheadi</i>) and Herald angelfish (<i>Centropyge heraldi</i>) (Teleostei: Pomacanthidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 3672-3	1.3	
19	Complete mitogenomes of Cocos lemonpeel angelfish (<i>Centropyge flavissima</i>) and Eibl angelfish (<i>Centropyge eibli</i>) (Teleostei: Pomacanthidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 3709-10	1.3	
18	Complete mitogenomes of Guinean angelfish (<i>Holacanthus africanus</i>) and Rock beauty (<i>Holacanthus tricolor</i>) (Teleostei: Pomacanthidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 2769-70	1.3	
17	Next generation sequencing yields the complete mitochondrial genome of the Clarion angelfish, <i>Holacanthus clarionensis</i> (Perciformes: Pomacanthidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 4118-4119	1.3	
16	Complete mitogenomes of Spotbreast angelfish (<i>Genicanthus melanospilos</i>) and Blackstriped angelfish (<i>Genicanthus lamarck</i>) (Teleostei: Pomacanthidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 2969-70	1.3	
15	The complete mitochondrial genome of the Spectacled angelfish, <i>Chaetodontoplus conspicillatus</i> (Perciformes: Pomacanthidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 3919-3920	1.3	
14	The complete mitogenome of sea hares, (Mollusca: Aplysiidae). <i>Mitochondrial DNA Part B: Resources</i> , 2017 , 2, 554-555	0.5	
13	The complete mitochondrial genome of the Vermiculated angelfish (<i>Chaetodontoplus mesoleucus</i>) (Perciformes: Pomacanthidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 4124-4125	1.3	
12	Next generation sequencing yields the complete mitochondrial genome of the Japanese angelfish, <i>Centropyge interrupta</i> (Perciformes: Pomacanthidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 4116-4117	1.3	
11	Next generation sequencing yields the complete mitochondrial genome of the Regal angelfish, <i>Pygoplites diacanthus</i> (Perciformes: Pomacanthidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 4149-4150	1.3	
10	The complete mitochondrial genome of the Blue-face angelfish, <i>Pomacanthus xanthometapon</i> (Perciformes: Pomacanthidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 4122-4123	1.3	
9	Complete mitogenomes of Whitetail angelfish (<i>Centropyge flavicauda</i>) and Orangeback angelfish (<i>Centropyge acanthops</i>) (Teleostei: Pomacanthidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 2951-2	1.3	
8	Next generation sequencing yields the complete mitochondrial genome of the largescale mullet, <i>Liza macrolepis</i> (Teleostei: Mugilidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 4232-4233	1.3	
7	Complete mitogenome of two moray eels of <i>Gymnothorax formosus</i> and <i>Scuticaria tigrina</i> (Anguilliformes: Muraenidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 2651-2	1.3	
6	Complete mitogenomes of Barred angelfish (<i>Paracentropyge multifasciata</i>) and Purplemask angelfish (<i>Paracentropyge venusta</i>) (Teleostei: Pomacanthidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 2945-6	1.3	
5	The complete mitochondrial genome of the Tiger angelfish, <i>Apolemichthys kingi</i> (Perciformes: Pomacanthidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 4120-4121 ^{1,3}	1.3	

- | | | |
|---|--|-----|
| 4 | Complete mitogenomes of Multicolor angelfish (<i>Centropyge multicolor</i>) and Yellowhead angelfish (<i>Centropyge jocularis</i>) (Teleostei: Pomacanthidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 2807-8 | 1.3 |
| 3 | Complete mitogenomes of King angelfish (<i>Holacanthus passer</i>) and Queen angelfish (<i>Holacanthus ciliaris</i>) (Teleostei: Pomacanthidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 2815-6 | 1.3 |
| 2 | The complete mitogenome of (Cnidarian: Acroporidae). <i>Mitochondrial DNA Part B: Resources</i> , 2017 , 2, 544-545 | 0.5 |
| 1 | Next generation sequencing yields the complete mitochondrial genome of the Hornlip mullet <i>Plicomugil labiosus</i> (Teleostei: Mugilidae). <i>Mitochondrial DNA</i> , 2016 , 27, 2192-3 | |