

# Chung-Der Hsiao

## List of Publications by Year in descending order

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172  
papers

4,252  
citations

159573

30  
h-index

144002

57  
g-index

180  
all docs

180  
docs citations

180  
times ranked

5459  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.8	483
2	Potential Toxicity of Iron Oxide Magnetic Nanoparticles: A Review. <i>Molecules</i> , 2020, 25, 3159.	3.8	236
3	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, 1410.	4.1	210
4	Review of Copper and Copper Nanoparticle Toxicity in Fish. <i>Nanomaterials</i> , 2020, 10, 1126.	4.1	135
5	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.	2.5	127
6	Carbonic anhydrase 2-like a and 15a are involved in acid-base regulation and Na <sup>+</sup> uptake in zebrafish H <sup>+</sup> -ATPase-rich cells. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 294, C1250-C1260.	4.6	107
7	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.	8.2	104
8	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-R557.	1.8	84
9	Triclosan (TCS) exposure impairs lipid metabolism in zebrafish embryos. <i>Aquatic Toxicology</i> , 2016, 173, 29-35.	4.0	84
10	An Updated Review of Toxicity Effect of the Rare Earth Elements (REEs) on Aquatic Organisms. <i>Animals</i> , 2020, 10, 1663.	2.3	84
11	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, 3077-3084.	1.7	80
12	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.	8.2	77
13	Effects of 6-Hydroxydopamine Exposure on Motor Activity and Biochemical Expression in Zebrafish ( <i>Danio rerio</i> ) Larvae. <i>Zebrafish</i> , 2014, 11, 227-239.	1.1	76
14	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, 313-323.	2.0	60
15	Overexpression of Akt1 Enhances Adipogenesis and Leads to Lipoma Formation in Zebrafish. <i>PLoS ONE</i> , 2012, 7, e36474.	2.5	60
16	The transcription factor, glial cell missing 2, is involved in differentiation and functional regulation of H <sup>+</sup> -ATPase-rich cells in zebrafish ( <i>Danio rerio</i> ). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 296, R1192-R1201.	1.8	56
17	Toxicity Studies on Graphene-Based Nanomaterials in Aquatic Organisms: Current Understanding. <i>Molecules</i> , 2020, 25, 3618.	3.8	56
18	Enhanced expression and stable transmission of transgenes flanked by inverted terminal repeats from adeno-associated virus in zebrafish. <i>Developmental Dynamics</i> , 2001, 220, 323-336.	1.8	55

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19	Zebrafish Mutants Carrying Leptin a ( <i>lepa</i> ) 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, 4038.	4.1	54
20	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, 3195.	4.1	53
21	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.	2.5	51
22	A rapid assessment for predicting drug-induced hepatotoxicity using zebrafish. <i>Journal of Pharmacological and Toxicological Methods</i> , 2017, 84, 102-110.	0.7	47
23	A Versatile Setup for Measuring Multiple Behavior Endpoints in Zebrafish. <i>Inventions</i> , 2018, 3, 75.	2.5	47
24	A Simple Setup to Perform 3D Locomotion Tracking in Zebrafish by Using a Single Camera. <i>Inventions</i> , 2018, 3, 11.	2.5	46
25	Molecular structure and developmental expression of three muscle-type troponin T genes in zebrafish. <i>Developmental Dynamics</i> , 2003, 227, 266-279.	1.8	41
26	Next generation sequencing yields the complete mitochondrial genome of the flathead mullet, <i>Mugil cephalus</i> species NWP2 (Teleostei: Mugilidae). <i>Mitochondrial DNA</i> , 2014, 27, 1-2.	0.6	40
27	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.	3.2	40
28	Innovation inspired by nature: Biocompatible self-healing injectable hydrogels based on modified- $\beta$ -chitin for wound healing. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 723-736.	7.5	39
29	Physiological Effects of Neonicotinoid Insecticides on Non-Target Aquatic Animals—An Updated Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9591.	4.1	34
30	A Novel Zebrafish Model to Provide Mechanistic Insights into the Inflammatory Events in Carrageenan-Induced Abdominal Edema. <i>PLoS ONE</i> , 2014, 9, e104414.	2.5	33
31	Hepatotoxicity Induced by Isoniazid-Lipopolysaccharide through Endoplasmic Reticulum Stress, Autophagy, and Apoptosis Pathways in Zebrafish. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	33
32	Which Zebrafish Strains Are More Suitable to Perform Behavioral Studies? A Comprehensive Comparison by Phenomic Approach. <i>Biology</i> , 2020, 9, 200.	2.8	33
33	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.	2.5	32
34	Cytotoxic effects of 15d-PGJ2 against osteosarcoma through ROS-mediated AKT and cell cycle inhibition. <i>Oncotarget</i> , 2014, 5, 716-725.	1.8	32
35	miRNome traits analysis on endothelial lineage cells discloses biomarker potential circulating microRNAs which affect progenitor activities. <i>BMC Genomics</i> , 2014, 15, 802.	2.8	31
36	Live Fluorescent Staining Platform for Drug-Screening and Mechanism-Analysis in Zebrafish for Bone Mineralization. <i>Molecules</i> , 2017, 22, 2068.	3.8	31

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37	A Simple ImageJ-Based Method to Measure Cardiac Rhythm in Zebrafish Embryos. <i>Inventions</i> , 2018, 3, 21.	2.5	30
38	Transcriptome response to copper heavy metal stress in hard-shelled mussel ( <i>Mytilus coruscus</i> ). <i>Genomics Data</i> , 2016, 7, 152-154.	1.3	29
39	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, 1844.	4.1	29
40	Aromatic L-Amino Acid Decarboxylase (AADC) Is Crucial for Brain Development and Motor Functions. <i>PLoS ONE</i> , 2013, 8, e71741.	2.5	29
41	Ecotoxicity Assessment of Fe <sub>3</sub> O <sub>4</sub> Magnetic Nanoparticle Exposure in Adult Zebrafish at an Environmental Pertinent Concentration by Behavioral and Biochemical Testing. <i>Nanomaterials</i> , 2019, 9, 873.	4.1	28
42	Triptolide-induced hepatotoxicity via apoptosis and autophagy in zebrafish. <i>Journal of Applied Toxicology</i> , 2019, 39, 1532-1540.	2.8	27
43	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.	5.2	27
44	A Variant of Fibroblast Growth Factor Receptor 2 (Fgfr2) Regulates Left-Right Asymmetry in Zebrafish. <i>PLoS ONE</i> , 2011, 6, e21793.	2.5	27
45	Behavioral Impairments and Oxidative Stress in the Brain, Muscle, and Gill Caused by Chronic Exposure of C70 Nanoparticles on Adult Zebrafish. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5795.	4.1	26
46	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.	7.5	26
47	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, 3853.	4.1	25
48	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.	2.5	25
49	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, 367-377.	1.1	24
50	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, 1464.	4.1	24
51	Microsatellite records for volume 8, issue 1. <i>Conservation Genetics Resources</i> , 2016, 8, 43-81.	0.8	22
52	Multiple Screening of Pesticides Toxicity in Zebrafish and Daphnia Based on Locomotor Activity Alterations. <i>Biomolecules</i> , 2020, 10, 1224.	4.0	22
53	Profile analysis of expressed sequence tags derived from the ovary of tilapia, <i>Oreochromis mossambicus</i> . <i>Aquaculture</i> , 2006, 251, 537-548.	3.5	21
54	Comparative proteomics analysis of teleost intermuscular bones and ribs provides insight into their development. <i>BMC Genomics</i> , 2017, 18, 147.	2.8	20

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55	Establishing simple image-based methods and cost-effective instrument for toxicity assessment on circadian rhythm dysregulation in fish. <i>Biology Open</i> , 2019, 8, .	1.2	20
56	An Overview of Methods for Cardiac Rhythm Detection in Zebrafish. <i>Biomedicines</i> , 2020, 8, 329.	3.2	20
57	Systematical exploration of the common solvent toxicity at whole organism level by behavioral phenomics in adult zebrafish. <i>Environmental Pollution</i> , 2020, 266, 115239.	7.5	19
58	Ptenb Mediates Gastrulation Cell Movements via Cdc42/AKT1 in Zebrafish. <i>PLoS ONE</i> , 2011, 6, e18702.	2.5	19
59	Skin cells undergo asynthetic fission to expand body surfaces in zebrafish. <i>Nature</i> , 2022, 605, 119-125.	27.8	19
60	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.	2.6	18
61	The complete chloroplast genome of Tianshan Snow Lotus ( <i>Saussurea involucrata</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.	0.7	18
62	Zebrafish Carrying pycr1 Gene Deficiency Display Aging and Multiple Behavioral Abnormalities. <i>Cells</i> , 2019, 8, 453.	4.1	18
63	Method Standardization for Conducting Innate Color Preference Studies in Different Zebrafish Strains. <i>Biomedicines</i> , 2020, 8, 271.	3.2	18
64	Mitigation of cerebellar neuropathy in globoid cell leukodystrophy mice by AAV-mediated gene therapy. <i>Gene</i> , 2015, 571, 81-90.	2.2	17
65	De novo assembly and comparison of the ovarian transcriptomes of the common Chinese cuttlefish ( <i>Sepiella owstoni</i> ). <i>Genomics</i> , 2020, 107, 107-117.	1.3	17
66	Vitamin C Attenuates Oxidative Stress and Behavioral Abnormalities Triggered by Fipronil and Pyriproxyfen Insecticide Chronic Exposure on Zebrafish Juvenile. <i>Antioxidants</i> , 2020, 9, 944.	5.1	17
67	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, 2256.	3.8	17
68	Waterborne Exposure of Paclitaxel 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, 4632.	2.6	17
69	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.	5.2	17
70	Co-Treatment of Copper Oxide Nanoparticle and Carbofuran Enhances Cardiotoxicity in Zebrafish Embryos. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8259.	4.1	17
71	Skin-specific expression of <i>ictacalcin</i> , a homolog of the <i>S100</i> genes, during zebrafish embryogenesis. <i>Developmental Dynamics</i> , 2003, 228, 745-750.	1.8	16
72	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, 210-213.	1.3	16

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73	Comparative study the expression of calcium cycling genes in Bombay duck ( <i>Harpadon nehereus</i> ) and beltfish ( <i>Trichiurus lepturus</i> ) with different swimming activities. <i>Genomics Data</i> , 2017, 12, 58-61.	1.3	16
74	Zebrafish: A Premier Vertebrate Model for Biomedical Research in Indian Scenario. <i>Zebrafish</i> , 2017, 14, 589-605.	1.1	16
75	Possible involvement of Fas/FasL-dependent apoptotic pathway in $\hat{\pm}$ -bisabolol induced cardiotoxicity in zebrafish embryos. <i>Chemosphere</i> , 2019, 219, 557-566.	8.2	16
76	Mechanism of anti-dementia effects of mangiferin in a senescence accelerated mouse (SAMP8) model. <i>Bioscience Reports</i> , 2019, 39, .	2.4	16
77	Isolation and expression of two zebrafish homologues of parvalbumin genes related to chicken CPV3 and mammalian oncomodulin. <i>Mechanisms of Development</i> , 2002, 119, S161-S166.	1.7	15
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, 1587.	2.3	15
79	Antidepressant Screening Demonstrated Non-Monotonic Responses to Amitriptyline, Amoxapine and Sertraline in Locomotor Activity Assay in Larval Zebrafish. <i>Cells</i> , 2021, 10, 738.	4.1	15
80	ZooDDD: a cross-species database for digital differential display analysis. <i>Bioinformatics</i> , 2006, 22, 2180-2182.	4.1	14
81	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, 3929.	4.1	14
82	Next-generation sequencing yields the complete mitogenome of massive coral, <i>Porites lutea</i> (Cnidaria: Poritidae). <i>Mitochondrial DNA Part B: Resources</i> , 2016, 1, 8-9.	0.4	13
83	Protease signaling regulates apical cell extrusion, cell contacts, and proliferation in epithelia. <i>Journal of Cell Biology</i> , 2018, 217, 1097-1112.	5.2	13
84	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.	2.1	13
85	Exploiting the Freshwater Shrimp <i>Neocaridina denticulata</i> as Aquatic Invertebrate Model to Evaluate Nontargeted Pesticide Induced Toxicity by Investigating Physiologic and Biochemical Parameters. <i>Antioxidants</i> , 2021, 10, 391.	5.1	13
86	Evaluation of the Adverse Effects of Chronic Exposure to Donepezil (An Acetylcholinesterase) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	4.0	12
87	Peach Kernel Oil Downregulates Expression of Tissue Factor and Reduces Atherosclerosis in ApoE knockout Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 405.	4.1	11
88	Identification and Expression Analysis of Zebrafish ( <i>Danio rerio</i> ) E-Selectin during Embryonic Development. <i>Molecules</i> , 2015, 20, 18539-18550.	3.8	10
89	Evaluation of nephrotoxic effects of aristolochic acid on zebrafish ( <i>Danio rerio</i> ) larvae. <i>Human and Experimental Toxicology</i> , 2016, 35, 974-982.	2.2	10
90	Cardiac Rhythm and Molecular Docking Studies of Ion Channel Ligands with Cardiotoxicity in Zebrafish. <i>Cells</i> , 2019, 8, 566.	4.1	10

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91	Pharmaceutical Assessment Suggests Locomotion Hyperactivity in Zebrafish Triggered by Arecoline Might Be Associated with Multiple Muscarinic Acetylcholine Receptors Activation. <i>Toxins</i> , 2021, 13, 259.	3.4	10
92	Cdc6 cooperates with c-Myc to promote genome instability and epithelial to mesenchymal transition (EMT) in zebrafish. <i>Oncotarget</i> , 2014, 5, 6300-6311.	1.8	10
93	An OpenCV-Based Approach for Automated Cardiac Rhythm Measurement in Zebrafish from Video Datasets. <i>Biomolecules</i> , 2021, 11, 1476.	4.0	10
94	Identification of myogenic regulatory genes in the muscle transcriptome of beltfish ( <i>Trichiurus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 8, 81-84.	1.3	9
95	Transcriptome sequencing based annotation and homologous evidence based scaffolding of <i>Anguilla japonica</i> draft genome. <i>BMC Genomics</i> , 2016, 17, 13.	2.8	9
96	Next generation sequencing yields complete mitogenomes of Leopard whiplay ( <i>Himantura</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 2613-2614.	0.7	9
97	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, 1202.	4.0	9
98	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.	4.6	9
99	<i>Saussurea involucrata</i> (Snow Lotus) ICE1 and ICE2 Orthologues Involved in Regulating Cold Stress Tolerance in Transgenic <i>Arabidopsis</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 10850.	4.1	9
100	De novo MECP2 duplication derived from paternal germ line result in dysmorphism and developmental delay. <i>Gene</i> , 2014, 533, 78-85.	2.2	8
101	The complete mitogenome of the Galaxy Coral, <i>Galaxea fascicularis</i> (Cnidaria: Oculinidae). Mitochondrial DNA Part B: Resources, 2016, 1, 10-11.	0.4	8
102	Interspecies Behavioral Variability of Medaka Fish Assessed by Comparative Phenomics. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5686.	4.1	8
103	Measurement of Multiple Cardiac Performance Endpoints in <i>Daphnia</i> and Zebrafish by Kymograph. <i>Inventions</i> , 2021, 6, 8.	2.5	8
104	Low-coverage genome sequencing yields the complete mitogenome of Pyjama Slug, <i>Chromodoris quadricolor</i> (Mollusca: Chromodorididae). Mitochondrial DNA Part B: Resources, 2016, 1, 94-95.	0.4	7
105	Genome skimming yields the complete mitogenome of <i>Chromodoris annae</i> (Mollusca:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 54	0.4	7
106	Nano-titanium nitride causes developmental toxicity in zebrafish through oxidative stress. <i>Drug and Chemical Toxicology</i> , 2022, 45, 1660-1669.	2.3	7
107	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, 1-14.	4.0	7
108	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.	2.9	7

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109	The complete mitogenome of sea slug, <i>Phyllidia ocellata</i> (Mollusca: Phyllidiidae). Mitochondrial DNA Part B: Resources, 2016, 1, 96-97.	0.4	6
110	Next-generation sequencing yields the complete mitochondrial genome of the Redbelly yellowtail fusilier, <i>Caesio cuning</i> (Teleostei: Caesionidae). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2017, 28, 125-126.	0.7	6
111	Overexpression of Notch Signaling Induces Hyperosteogeny in Zebrafish. International Journal of Molecular Sciences, 2019, 20, 3613.	4.1	6
112	Duplicated dnmt3aa and dnmt3ab DNA Methyltransferase Genes Play Essential and Non-Overlapped Functions on Modulating Behavioral Control in Zebrafish. Genes, 2020, 11, 1322.	2.4	6
113	A Novel Function of the Lysophosphatidic Acid Receptor 3 (LPAR3) Gene in Zebrafish on Modulating Anxiety, Circadian Rhythm Locomotor Activity, and Short-Term Memory. International Journal of Molecular Sciences, 2020, 21, 2837.	4.1	6
114	Acute and Sub-Chronic Exposure to Artificial Sweeteners at the Highest Environmentally Relevant Concentration Induce Less Cardiovascular Physiology Alterations in Zebrafish Larvae. Biology, 2021, 10, 548.	2.8	6
115	Evaluation of Effects of Ractopamine on Cardiovascular, Respiratory, and Locomotory Physiology in Animal Model Zebrafish Larvae. Cells, 2021, 10, 2449.	4.1	6
116	Lanthanides Toxicity in Zebrafish Embryos Are Correlated to Their Atomic Number. Toxics, 2022, 10, 336.	3.7	6
117	Acute and Chronic Effects of Fin Amputation on Behavior Performance of Adult Zebrafish in 3D Locomotion Test Assessed with Fractal Dimension and Entropy Analyses and Their Relationship to Fin Regeneration. Biology, 2022, 11, 969.	2.8	6
118	Etv5a regulates the proliferation of ventral mesoderm cells and the formation of hemato-vascular derivatives. Journal of Cell Science, 2013, 126, 5626-34.	2.0	5
119	The complete chloroplast genome of <i>Gracilariopsis lemaneiformis</i> , an important economic red alga of the family Gracilariaceae. Mitochondrial DNA Part B: Resources, 2016, 1, 2-3.	0.4	5
120	Transcriptome response of previtellogenic ovary in <i>Anguilla japonica</i> after artificial hormone injection. Marine Genomics, 2017, 35, 31-34.	1.1	5
121	The complete mitogenome of nereid worm, <i>Neanthes glandicincta</i> (Annelida: Nereididae). Mitochondrial DNA Part B: Resources, 2017, 2, 471-472.	0.4	5
122	A Simple Method to Decode the Complete 18-5.8-28S rRNA Repeated Units of Green Algae by Genome Skimming. International Journal of Molecular Sciences, 2017, 18, 2341.	4.1	5
123	Zebrafish VCAP1X2 regulates cardiac contractility and proliferation of cardiomyocytes and epicardial cells. Scientific Reports, 2018, 8, 7856.	3.3	5
124	The aquatic animalsâ€™ transcriptome resource for comparative functional analysis. BMC Genomics, 2018, 19, 103.	2.8	5
125	Sub-lethal Camphor Exposure Triggers Oxidative Stress, Cardiotoxicity, and Cardiac Physiology Alterations in Zebrafish Embryos. Cardiovascular Toxicology, 2021, 21, 901-913.	2.7	5
126	Next generation sequencing yields the complete mitogenome of nereid worm, <i>Namalycastis abiuma</i> (Annelida: Nereididae). Mitochondrial DNA Part B: Resources, 2016, 1, 103-104.	0.4	4

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127	The complete mitochondrial genome of the cryptic <i>big-fin reef squid</i> , <i>Sepioteuthis lessoniana</i> (Cephalopoda: Loliginidae) in Indo-West Pacific. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 2433-2434.	0.7	4
128	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.	0.7	4
129	The complete mitogenome of sea slug, <i>Nembrotha kubaryana</i> (Mollusca: Polyceridae). <i>Conservation Genetics Resources</i> , 2017, 9, 245-247.	0.8	4
130	The hepatoprotective effects of squid gonad phospholipids on fatty liver disease in zebrafish. <i>Food Bioscience</i> , 2020, 35, 100592.	4.4	4
131	TCMacro: A Simple and Robust ImageJ-Based Method for Automated Measurement of Tail Coiling Activity in Zebrafish. <i>Biomolecules</i> , 2021, 11, 1133.	4.0	4
132	Low Temperature Mitigates Cardiac Bifida in Zebrafish Embryos. <i>PLoS ONE</i> , 2013, 8, e69788.	2.5	4
133	Low-frequency enzyme replacement therapy in late-onset pompe disease. <i>Muscle and Nerve</i> , 2013, 47, 612-613.	2.2	3
134	CALR Mutations in Myeloproliferative Neoplasms. <i>International Journal of Gerontology</i> , 2014, 8, 105.	0.6	3
135	Mitochondrial Genome Variation after Hybridization and Differences in the First and Second Generation Hybrids of Bream Fishes. <i>PLoS ONE</i> , 2016, 11, e0158915.	2.5	3
136	Next-generation sequencing yields the complete mitochondrial genome of the flathead mullet, <i>Mugil cephalus</i> cryptic species in East Australia (Teleostei: Mugilidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 3218-3219.	0.7	3
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145	Complete mitogenomes of Armitage angelfish ( <i>Apolemichthys armitagei</i> ) and Griffisi angelfish ( <i>Apolemichthys griffisi</i> ) (Teleostei: Pomacanthidae). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 2683-2684.	0.7	2
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150	The complete mitogenome of Japanese swallow angelfish ( <i>Genicanthus semifasciatus</i> ) and Ornate angelfish ( <i>Genicanthus bellus</i> ) (Teleostei: Pomacanthidae). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 2627-2628.	0.7	1
151	Complete mitogenomes of Multicolor angelfish ( <i>Centropyge multicolor</i> ) and Yellowhead angelfish ( <i>Centropyge jocularis</i> ) (Teleostei: Pomacanthidae). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 2807-2808.	0.7	1
152	Complete mitogenomes of Guinean angelfish ( <i>Holacanthus africanus</i> ) and Rock beauty ( <i>Holacanthus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T Analysis, 2016, 27, 2769-2770.	0.7	1
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157	Next generation sequencing yields the complete mitochondrial genome of the Regal angelfish, <i>Pygoplites diacanthus</i> (Perciformes: Pomacanthidae). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 4149-4150.	0.7	0
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159	Complete mitogenomes of Whitetail angelfish ( <i>Centropyge flavicauda</i> ) and Orangeback angelfish ( <i>Centropyge acanthops</i> ) (Teleostei: Pomacanthidae). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 2951-2952.	0.7	0
160	Next generation sequencing yields the complete mitochondrial genome of the largescale mullet, <i>Liza macrolepis</i> (Teleostei: Mugilidae). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 4232-4233.	0.7	0
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162	Complete mitogenomes of Barred angelfish ( <i>Paracentropyge multifasciata</i> ) and Purplemask angelfish ( <i>Paracentropyge venusta</i> ) (Teleostei: Pomacanthidae). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 2945-2946.	0.7	0

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163	The complete mitochondrial genome of the Tiger angelfish, <i>Apolemichthys kingi</i> (Perciformes: Tj ETQq1 1 0,784314 rgBT /Over	0.7	0
164	Complete mitogenomes of King angelfish ( <i>Holacanthus passer</i> ) and Queen angelfish ( <i>Holacanthus ciliaris</i> ) (Teleostei: Pomacanthidae). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 2815-2816.	0.7	0
165	Complete mitogenomes of Woodhead's angelfish ( <i>Centropyge woodheadi</i> ) and Herald's angelfish ( <i>Centropyge heraldi</i> ) (Teleostei: Pomacanthidae). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 3672-3673.	0.7	0
166	Complete mitogenomes of Cocos lemonpeel angelfish ( <i>Centropyge flavissima</i> ) and Eibl's angelfish ( <i>Centropyge eibli</i> ) (Teleostei: Pomacanthidae). Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 3709-3710.	0.7	0
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170	The complete mitogenome of sea hares, <i>Dolabella auricularia</i> (Mollusca: Aplysiidae). Mitochondrial DNA Part B: Resources, 2017, 2, 554-555.	0.4	0
171	The complete mitogenome of <i>Acropora nana</i> (Cnidarian: Acroporidae). Mitochondrial DNA Part B: Resources, 2017, 2, 544-545.	0.4	0
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