

Chung-Der Hsiao

List of Publications by Year in Descending Order

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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	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
164	(Snow Lotus) and Orthologues Involved in Regulating Cold Stress Tolerance in Transgenic. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
163	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
162	An OpenCV-Based Approach for Automated Cardiac Rhythm Measurement in Zebrafish from Video Datasets. <i>Biomolecules</i> , 2021 , 11,	5.9	1
161	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
160	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
159	Interspecies Behavioral Variability of Medaka Fish Assessed by Comparative Phenomics. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
158	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
157	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
156	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
155	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
154	Phenomics Approach to Investigate Behavioral Toxicity of Environmental or Occupational Toxicants in Adult Zebrafish (Danio rerio). <i>Current Protocols</i> , 2021 , 1, e223		1
153	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
152	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
151	Evaluation of Effects of Ractopamine on Cardiovascular, Respiratory, and Locomotory Physiology in Animal Model Zebrafish Larvae. <i>Cells</i> , 2021 , 10,	7.9	1
150	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
149	Measurement of Multiple Cardiac Performance Endpoints in Daphnia and Zebrafish by Kymograph. <i>Inventions</i> , 2021 , 6, 8	2.9	3

148	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
147	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
146	Nano-titanium nitride causes developmental toxicity in zebrafish through oxidative stress. <i>Drug and Chemical Toxicology</i> , 2020 , 1-10	2.3	3
145	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
144	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
143	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
142	UVB Irradiation Induced Cell Damage and Early Onset of Expression in Zebrafish. <i>Animals</i> , 2020 , 10,	3.1	1
141	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
140	Review of Copper and Copper Nanoparticle Toxicity in Fish. <i>Nanomaterials</i> , 2020 , 10,	5.4	47
139	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
138	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
137	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
136	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
135	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
134	An Updated Review of Toxicity Effect of the Rare Earth Elements (REEs) on Aquatic Organisms. <i>Animals</i> , 2020 , 10,	3.1	28
133	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
132	Potential Toxicity of Iron Oxide Magnetic Nanoparticles: A Review. <i>Molecules</i> , 2020 , 25,	4.8	99
131	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

130	Method Standardization for Conducting Innate Color Preference Studies in Different Zebrafish Strains. <i>Biomedicines</i> , 2020 , 8,	4.8	6
129	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
128	Which Zebrafish Strains Are More Suitable to Perform Behavioral Studies? A Comprehensive Comparison by Phenomic Approach. <i>Biology</i> , 2020 , 9,	4.9	13
127	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
126	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
125	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
124	Multiple Screening of Pesticides Toxicity in Zebrafish and Daphnia Based on Locomotor Activity Alterations. <i>Biomolecules</i> , 2020 , 10,	5.9	11
123	Toxicity Studies on Graphene-Based Nanomaterials in Aquatic Organisms: Current Understanding. <i>Molecules</i> , 2020 , 25,	4.8	14
122	An Overview of Methods for Cardiac Rhythm Detection in Zebrafish. <i>Biomedicines</i> , 2020 , 8,	4.8	6
121	The hepatoprotective effects of squid gonad phospholipids on fatty liver disease in zebrafish. <i>Food Bioscience</i> , 2020 , 35, 100592	4.9	4
120	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
119	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
118	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
117	Cardiac Rhythm and Molecular Docking Studies of Ion Channel Ligands with Cardiotoxicity in Zebrafish. <i>Cells</i> , 2019 , 8,	7.9	7
116	Zebrafish Carrying Gene Deficiency Display Aging and Multiple Behavioral Abnormalities. <i>Cells</i> , 2019 , 8,	7.9	15
115	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
114	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
113	Triptolide-induced hepatotoxicity via apoptosis and autophagy in zebrafish. <i>Journal of Applied Toxicology</i> , 2019 , 39, 1532-1540	4.1	10

112	Overexpression of Notch Signaling Induces Hyperosteogeny in Zebrafish. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	5
111	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
110	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
109	Mechanism of anti-dementia effects of mangiferin in a senescence accelerated mouse (SAMP8) model. <i>Bioscience Reports</i> , 2019 , 39,	4.1	7
108	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
107	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
106	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
105	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
104	A Simple ImageJ-Based Method to Measure Cardiac Rhythm in Zebrafish Embryos. <i>Inventions</i> , 2018 , 3, 21	2.9	17
103	The aquatic animalsQ transcriptome resource for comparative functional analysis. <i>BMC Genomics</i> , 2018 , 19, 103	4.5	3
102	A Simple Setup to Perform 3D Locomotion Tracking in Zebrafish by Using a Single Camera. <i>Inventions</i> , 2018 , 3, 11	2.9	28
101	A Versatile Setup for Measuring Multiple Behavior Endpoints in Zebrafish. <i>Inventions</i> , 2018 , 3, 75	2.9	25
100	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
99	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
98	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
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	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
95	Zebrafish VCAP1X2 regulates cardiac contractility and proliferation of cardiomyocytes and epicardial cells. <i>Scientific Reports</i> , 2018 , 8, 7856	4.9	5

94	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
93	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
92	Comparative proteomics analysis of teleost intermuscular bones and ribs provides insight into their development. <i>BMC Genomics</i> , 2017 , 18, 147	4.5	15
91	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
90	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
89	The complete mitogenome of sea slug, <i>Nembrotha kubaryana</i> (Mollusca: Polyceridae). <i>Conservation Genetics Resources</i> , 2017 , 9, 245-247	0.8	2
88	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
87	Genome skimming yields the complete mitogenome of (Mollusca: Chromodorididae). <i>Mitochondrial DNA Part B: Resources</i> , 2017 , 2, 609-610	0.5	4
86	The complete mitogenome of sea hares, (Mollusca: Aplysiidae). <i>Mitochondrial DNA Part B: Resources</i> , 2017 , 2, 554-555	0.5	
85	Zebrafish: A Premier Vertebrate Model for Biomedical Research in Indian Scenario. <i>Zebrafish</i> , 2017 , 14, 589-605	2	14
84	The complete mitogenome of nereid worm, (Annelida: Nereididae). <i>Mitochondrial DNA Part B: Resources</i> , 2017 , 2, 471-472	0.5	3
83	The complete mitogenome of (Cnidarian: Acroporidae). <i>Mitochondrial DNA Part B: Resources</i> , 2017 , 2, 544-545	0.5	
82	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
81	Live Fluorescent Staining Platform for Drug-Screening and Mechanism-Analysis in Zebrafish for Bone Mineralization. <i>Molecules</i> , 2017 , 22,	4.8	22
80	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	
79	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	
78	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	
77	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	

76	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	
75	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	
74	The complete mitogenome of Ginkgo-toothed beaked whale (<i>Mesoplodon ginkgodens</i>) (Chordata: Ziphiidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 2846-7	1.3	2
73	Next generation sequencing yields complete mitogenomes of Leopard whiplay (<i>Himantura leoparda</i>) and Blue-spotted stingray (<i>Neotrygon kuhlii</i>) (Chondrichthyes: Dasyatidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 2613-4	1.3	6
72	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
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	The complete mitogenome of the Galaxy Coral, (Cnidaria: Oculinidae). <i>Mitochondrial DNA Part B: Resources</i> , 2016 , 1, 10-11	0.5	2
69	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
68	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
67	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
66	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, 3218-9	1.3	2
65	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	
64	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	
63	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	
62	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
61	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	
60	Next-generation sequencing yields the complete mitochondrial genome of the longfang moray, <i>Enchelynassa canina</i> (Anguilliformes: Muraenidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 2431-2	1.3	2
59	Triclosan (TCS) exposure impairs lipid metabolism in zebrafish embryos. <i>Aquatic Toxicology</i> , 2016 , 173, 29-35	5.1	68

58	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
57	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
56	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
55	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
54	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
53	Transcriptome response to copper heavy metal stress in hard-shelled mussel (<i>Mytilus coruscus</i>). <i>Genomics Data</i> , 2016 , 7, 152-4		17
52	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
51	The complete mitochondrial genome of the cryptic "lineage A" big-fin reef squid, <i>Sepioteuthis lessoniana</i> (Cephalopoda: Loliginidae) in Indo-West Pacific. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016 , 27, 2433-4	1.3	2
50	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	
49	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	
48	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	
47	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	
46	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}		
45	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	
44	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	
43	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
42	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
41	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		

40	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
39	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
38	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
37	Microsatellite records for volume 8, issue 1. <i>Conservation Genetics Resources</i> , 2016 , 8, 43-81	0.8	19
36	The complete mitogenome of sea slug, (Mollusca: Phyllidiidae). <i>Mitochondrial DNA Part B: Resources</i> , 2016 , 1, 96-97	0.5	2
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