

Mun Hua Tan

List of Publications by Year in descending order

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934
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567281

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times ranked

1131
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#	ARTICLE	IF	CITATIONS
1	Finding Nemo: hybrid assembly with Oxford Nanopore and Illumina reads greatly improves the clownfish (<i>Amphiprion ocellaris</i>) genome assembly. <i>GigaScience</i> , 2018, 7, 1-6.	6.4	90
2	ORDER within the chaos: Insights into phylogenetic relationships within the Anomura (Crustacea: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 and Evolution, 2018, 127, 320-331.	2.7	83
3	MitoPhAST, a new automated mitogenomic phylogeny tool in the post-genomic era with a case study of 89 decapod mitogenomes including eight new freshwater crayfish mitogenomes. <i>Molecular Phylogenetics and Evolution</i> , 2015, 85, 180-188.	2.7	71
4	De novo genome assembly and annotation of Australia's largest freshwater fish, the Murray cod (<i>Maccullochella peelii</i>), from Illumina and Nanopore sequencing read. <i>GigaScience</i> , 2017, 6, 1-6.	6.4	57
5	Comparative mitogenomics of the Decapoda reveals evolutionary heterogeneity in architecture and composition. <i>Scientific Reports</i> , 2019, 9, 10756.	3.3	57
6	Whole Genome Sequencing of the Asian Arowana (<i>Scleropages formosus</i>) Provides Insights into the Evolution of Ray-Finned Fishes. <i>Genome Biology and Evolution</i> , 2015, 7, 2885-2895.	2.5	43
7	Digging deeper: new gene order rearrangements and distinct patterns of codons usage in mitochondrial genomes among shrimps from the Axiidea, Gebiidea and Caridea (Crustacea: Decapoda). <i>PeerJ</i> , 2017, 5, e2982.	2.0	43
8	Rapid recovery of nuclear and mitochondrial genes by genome skimming from Northern Hemisphere freshwater crayfish. <i>Zoologica Scripta</i> , 2017, 46, 718-728.	1.7	40
9	Local and regional scale habitat heterogeneity contribute to genetic adaptation in a commercially important marine mollusc (<i>Haliotis rubra</i>) from southeastern Australia. <i>Molecular Ecology</i> , 2019, 28, 3053-3072.	3.9	32
10	Best Foot Forward: Nanopore Long Reads, Hybrid Meta-Assembly, and Haplotig Purging Optimizes the First Genome Assembly for the Southern Hemisphere Blacklip Abalone (<i>Haliotis rubra</i>). <i>Frontiers in Genetics</i> , 2019, 10, 889.	2.3	25
11	A Giant Genome for a Giant Crayfish (<i>Cherax quadricarinatus</i>) With Insights Into <i>cox1</i> Pseudogenes in Decapod Genomes. <i>Frontiers in Genetics</i> , 2020, 11, 201.	2.3	23
12	The complete mitogenome of the hermit crab <i>Clibanarius infraspinus</i> (Hilgendorf, 1869), (Crustacea; Decapoda; Diogenidae) â€” a new gene order for the Decapoda. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 4099-4100.	0.7	19
13	More evolution underground: Accelerated mitochondrial substitution rate in Australian burrowing freshwater crayfishes (Decapoda: Parastacidae). <i>Molecular Phylogenetics and Evolution</i> , 2018, 118, 88-98.	2.7	19
14	First comprehensive multi-tissue transcriptome of <i>Cherax quadricarinatus</i> (Decapoda: Parastacidae) reveals unexpected diversity of endogenous cellulase. <i>Organisms Diversity and Evolution</i> , 2016, 16, 185-200.	1.6	18
15	The complete mitogenome of the red claw crayfish <i>Cherax quadricarinatus</i> (Von Martens, 1868) (Crustacea: Decapoda: Parastacidae). <i>Mitochondrial DNA</i> , 2016, 27, 385-386.	0.6	17
16	More limbs on the tree: mitogenome characterisation and systematic position of â€”living fossilâ€” species <i>Neoglyphea inopinata</i> and <i>Laurentaeglyphea neocaledonica</i> (Decapoda : Glypheidea : Glypheidae). <i>Invertebrate Systematics</i> , 2018, 32, 448.	1.3	17
17	The complete mitogenome of the whale shark parasitic copepod <i>Pandarus rhincodonicus</i> (Norman, Newbound & Knott) (Crustacea; Siphonostomatoida; Pandaridae) â€” a new gene order for the copepoda. <i>Mitochondrial DNA</i> , 2016, 27, 694-695.	0.6	16
18	Whole Genome Assembly of the Snout Otter Clam, <i>Lutraria rhynchaena</i> , Using Nanopore and Illumina Data, Benchmarked Against Bivalve Genome Assemblies. <i>Frontiers in Genetics</i> , 2019, 10, 1158.	2.3	16

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19	<i>Helicobacter pylori</i> Genetic Diversity and Gastro-duodenal Diseases in Malaysia. <i>Scientific Reports</i> , 2014, 4, 7431.	3.3	15
20	The complete mitogenome of <i>Cherax monticola</i> (Crustacea: Decapoda: Parastacidae), a large highland crayfish from New Guinea.. <i>Mitochondrial DNA</i> , 2016, 27, 337-338.	0.6	15
21	The complete mitogenome of the marine bivalve <i>Lutraria rhynchaena</i> Jonas 1844 (Heterodonta: Bivalvia: Tj ETQq1 1 0.784314 rgBT /Overlock 13	0.6	13
22	De Novo assembly and characterisation of the greentail prawn (<i>Metapenaeus bennettiae</i>) hepatopancreas transcriptome – identification of stress response and detoxification transcripts. <i>Marine Genomics</i> , 2019, 47, 100677.	1.1	13
23	Comparative sequence and methylation analysis of chloroplast and amyloplast genomes from rice. <i>Plant Molecular Biology</i> , 2019, 100, 33-46.	3.9	13
24	Ocean warming threatens key trophic interactions supporting a commercial fishery in a climate change hotspot. <i>Global Change Biology</i> , 2021, 27, 6498-6511.	9.5	12
25	The complete mitochondrial genome of the invasive house crow <i>Corvus splendens</i> (Passeriformes: Tj ETQq1 1 0.784314 rgBT /Overlock 11	0.6	11
26	The complete mitogenome of the freshwater crayfish <i>Cherax cainii</i> (Crustacea: Decapoda: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	0.6	10
27	The complete mitogenome of the giant clam <i>Tridacna squamosa</i> (Heterodonta: Bivalvia: Tj ETQq1 1 0.784314 rgBT /Overlock 9	0.7	9
28	The complete mitogenome of purple mottled shore crab <i>Cyclograpsus granulatus</i> H. Milne-Edwards, 1853 (Crustacea: Decapoda: Grapsoidea). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 3981-3982.	0.7	8
29	Mitogenome of the extinct Desert “rat-kangaroo” times the adaptation to aridity in macropodoids. <i>Scientific Reports</i> , 2022, 12, 5829.	3.3	8
30	The complete mitogenome of the crayfish <i>Cherax glaber</i> (Crustacea: Decapoda: Parastacidae). <i>Mitochondrial DNA</i> , 2016, 27, 220-221.	0.6	7
31	Characterisation of 12 microsatellite loci in the Vietnamese commercial clam <i>Lutraria rhynchaena</i> Jonas 1844 (Heterodonta: Bivalvia: Mactridae) through next-generation sequencing. <i>Molecular Biology Reports</i> , 2016, 43, 391-396.	2.3	7
32	Genomic characterization of eight <i>Ensifer</i> strains isolated from pristine caves and a whole genome phylogeny of <i>Ensifer</i> (<i>Sinorhizobium</i>). <i>Journal of Genomics</i> , 2017, 5, 12-15.	0.9	7
33	More from less: Genome skimming for nuclear markers for animal phylogenomics, a case study using decapod crustaceans. <i>Journal of Crustacean Biology</i> , 2021, 41, .	0.8	7
34	The complete mitogenome of the porcelain crab <i>Petrolisthes haswelli</i> Miers, 1884 (Crustacea: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14: 3983-3984.	0.7	6
35	The complete mitogenome of the ghost crab <i>Ocypode ceratophthalmus</i> (Pallas, 1772) (Crustacea: Tj ETQq1 1 0.784314 rgBT /Overlock 5	0.6	5
36	The complete mitogenome of the endangered white-clawed freshwater crayfish <i>Austropotamobius pallipes</i> (Lereboullet, 1858) (Crustacea: Decapoda: Astacidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 3329-3330.	0.7	5

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37	The complete mitogenome of the Norway lobster <i>Nephrops norvegicus</i> (Linnaeus, 1758) (Crustacea: Decapoda: Stomatopoda). Mitochondrial DNA, 2016, 27, 3179-3180.	1.0784314	5
38	The complete mitogenome of the Australian spiny crayfish <i>Euastacus yarraensis</i> (McCoy, 1888) (Crustacea: Decapoda: Parastacidae). Mitochondrial DNA, 2016, 27, 929-930.	0.6	5
39	The complete mitogenome of the swimming crab <i>Thalamita crenata</i> (Rappell, 1830) (Crustacea; Decapoda; Stomatopoda). Mitochondrial DNA, 2016, 27, 929-930.	1.0784314	5
40	The complete mitogenome of the moon crab <i>Ashtoret lunaris</i> (Forsk., 1775), (Crustacea; Decapoda; Stomatopoda). Mitochondrial DNA, 2016, 27, 929-930.	0.6	5
41	The complete mitogenome of the Australian land crayfish <i>Engaeus lyelli</i> (Clark 1936) (Crustacea: Decapoda: Stomatopoda). Mitochondrial DNA, 2016, 27, 929-930.	1.0784314	5
42	Dataset for genome sequencing and de novo assembly of the Vietnamese bighead catfish (<i>Clarias</i>)	1.0	5
43	The complete mitogenome of the Australian tadpole shrimp <i>Triops australiensis</i> (Spencer & Hall, 1895) (Crustacea: Branchiopoda: Notostraca). Mitochondrial DNA, 2014, 27, 1-2.	0.6	4
44	The complete mitogenome of the Macquarie perch, <i>Macquaria australasica</i> Cuvier, 1830 (Teleostei: Perciformes). Mitochondrial DNA, 2016, 27, 929-930.	0.6	4
45	The complete mitogenome of the Australian crayfish <i>Geocharax gracilis</i> Clark 1936 (Crustacea: Decapoda: Stomatopoda). Mitochondrial DNA, 2016, 27, 929-930.	1.0784314	4
46	The complete mitogenome of the soldier crab <i>Mictyris longicarpus</i> (Latreille, 1806) (Crustacea: Decapoda: Stomatopoda). Mitochondrial DNA, 2016, 27, 929-930.	0.6	3
47	The complete mitogenome of the Murray Cod, <i>Maccullochella peelii</i> (Mitchell, 1838) (Teleostei: Perciformes). Mitochondrial DNA, 2016, 27, 929-930.	1.0784314	3
48	The complete mitogenome of the Morton Bay bug <i>Thenus orientalis</i> (Lund, 1793) (Crustacea: Decapoda: Stomatopoda). Mitochondrial DNA, 2016, 27, 1277-1278.	0.6	3
49	First Genome of <i>Labyrinthula</i> sp., an Opportunistic Seagrass Pathogen, Reveals Novel Insight into Marine Protist Phylogeny, Ecology and CAZyme Cell-Wall Degradation. <i>Microbial Ecology</i> , 2021, 82, 498-511.	2.8	3

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55	Mitochondrial genomes and phylogenetic relationships of <i>Lates japonicus</i> , <i>Lates niloticus</i> , and <i>Psammoperca waigiensis</i> (Perciformes: Latidae). <i>Mitochondrial DNA Part B: Resources</i> , 2017, 2, 73-75.	0.4	2
56	Cytosine methylation of rice mitochondrial DNA from grain and leaf tissues. <i>Planta</i> , 2020, 251, 57.	3.2	2
57	Transcriptomic and Histological Analysis of the Greentail Prawn (<i>Metapenaeus bennettiae</i>) Following Light Crude Oil Exposure. <i>Environmental Toxicology and Chemistry</i> , 0, , .	4.3	2
58	The complete mitogenome of the river blackfish, <i>Gadopsis marmoratus</i> (Richardson, 1848) (Teleostei: Percichthyidae). <i>Mitochondrial DNA</i> , 2016, 27, 1-2.	0.6	1
59	The complete mitogenome of the endangered freshwater crayfish <i>Cherax tenuimanus</i> (Smith) Tj ETQq1 1 0.784314 rgBT /Over Analysis, 2016, 27, 4176-4177.	0.7	1
60	The complete mitogenome of the bluespotted ribbontail ray <i>Taeniura lymma</i> (Forsskål, 1775) (Elasmobranchii: Myliobatiformes: Dasyatidae). <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2016, 27, 3205-3207.	0.7	1
61	Discovery Genome-Wide Association Study of Body Composition in 4,386 Adults From the UK Biobank's Pilot Imaging Enhancement Study. <i>Frontiers in Endocrinology</i> , 2021, 12, 692677.	3.5	0