Han Ming Gan

List of Publications by Year in Descending Order

194 papers	2,583 citations	26 h-index	40 g-index
230 ext. papers	3,562 ext. citations	3.3 avg, IF	5.39 L-index

#	Paper	IF	Citations
194	First high-quality genome assembly data of sago palm (Rottboll).. *Data in Brief*, **2022**, 40, 107800	1.2	1
193	Characterization of the first mitogenomes of the smallest fish in the world, Paedocypris progenetica, from peat swamp of Peninsular Malaysia, Selangor, and Perak.. *Genomics and Informatics*, **2022**, 20, e12	1.9	
192	The NGS Magic Pudding: A Nanopore-Led Long-Read Genome Assembly for the Commercial Australian Freshwater Crayfish, .. *Frontiers in Genetics*, **2021**, 12, 695763	4.5	
191	Genome survey of sago palm (Metroxylon sagu Rottboll). *Plant Gene*, **2021**, 28, 100341	3.1	2
190	The first transcriptome sequencing and data analysis of the Javan mahseer (. *Data in Brief*, **2021**, 39, 107481	1.2	1
189	The inconsistent microbiota of , the Malaysian fermented anchovy sauce, revealed through 16S amplicon sequencing. *PeerJ*, **2021**, 9, e12345	3.1	
188	Genomic characterization of bacteria from the ultra-oligotrophic Madison aquifer: insight into the archetypical LuxI/LuxR and identification of novel LuxR solos. *BMC Research Notes*, **2021**, 14, 175	2.3	2
187	Rapid genotyping of tilapia lake virus (TiLV) using Nanopore sequencing. *Journal of Fish Diseases*, **2021**, 44, 1491-1502	2.6	6
186	Dumpster diving for diatom plastid 16S rRNA genes. *PeerJ*, **2021**, 9, e11576	3.1	
185	Improving the phylogenetic resolution of Malaysian and Javan mahseer (Cyprinidae), Tor tambroides and Tor tambra: Whole mitogenomes sequencing, phylogeny and potential mitogenome markers. *Gene*, **2021**, 791, 145708	3.8	3
184	A novel framework for evaluating in situ breeding management strategies in endangered populations. *Molecular Ecology Resources*, **2021**,	8.4	3
183	A Giant Genome for a Giant Crayfish () With Insights Into Pseudogenes in Decapod Genomes. *Frontiers in Genetics*, **2020**, 11, 201	4.5	10
182	Phaeophyceaean (Brown Algal) Extracts Activate Plant Defense Systems in Challenged With. *Frontiers in Plant Science*, **2020**, 11, 852	6.2	13
181	Improved genomic resources for the black tiger prawn (Penaeus monodon). *Marine Genomics*, **2020**, 52, 100751	1.9	14
180	Dataset for sequencing and assembly of the European endangered white-clawed crayfish () abdominal muscle transcriptome. *Data in Brief*, **2020**, 29, 105166	1.2	0
179	Insight into the resistome and quorum sensing system of a divergent isolate from an untouched site of the Lechuguilla Cave. *Access Microbiology*, **2020**, 2, acmi000089	1	0
178	Genetic Diversity of the Pearse Mudskipper Periophthalmus novemradiatus (Perciformes: Gobiidae) and Characterization of its Complete Mitochondrial Genome. *Thalassas*, **2020**, 36, 103-113	0.9	3

177	Mesozoic mitogenome rearrangements and freshwater mussel (Bivalvia: Unionoidea) macroevolution. *Heredity*, **2020**, 124, 182-196	3.6	13
176	Effects of supplementing freeze-dried Mitsuokella jalaludinii phytase on the growth performance and gut microbial diversity of broiler chickens. *Journal of Animal Physiology and Animal Nutrition*, **2020**, 104, 116-125	2.6	0
175	First genomic insights into carbapenem-resistant Klebsiella pneumoniae from Malaysia. *Journal of Global Antimicrobial Resistance*, **2020**, 20, 153-159	3.4	5
174	The complete mitochondrial genome of Malayan Gaur () from Peninsular Malaysia. *Mitochondrial DNA Part B: Resources*, **2019**, 4, 2535-2536	0.5	3
173	Genomic evidence of neo-sex chromosomes in the eastern yellow robin. *GigaScience*, **2019**, 8,	7.6	13
172	Commentary: Complete Genome Sequence of 3-Chlorobenzoate-Degrading Bacterium NH9 and Reclassification of the Strains of the Genera and Based on Phylogenetic and Whole-Genome Sequence Analyses. *Frontiers in Microbiology*, **2019**, 10, 2011	5.7	2
171	Data on whole-genome sequencing of extended-spectrum beta-lactamases producing isolates from Malaysia. *Data in Brief*, **2019**, 25, 104257	1.2	1
170	Insight Into the Microbial Co-occurrence and Diversity of 73 Grapevine () Crown Galls Collected Across the Northern Hemisphere. *Frontiers in Microbiology*, **2019**, 10, 1896	5.7	6
169	The Influence of Modernization and Disease on the Gastric Microbiome of Orang Asli, Myanmars and Modern Malaysians. *Microorganisms*, **2019**, 7,	4.9	5
168	Microsatellite loci and the complete mitochondrial DNA sequence characterised through next-generation sequencing and de novo genome assembly, and a preliminary assessment of population genetic structure for the Australian crane, Antigone rubicunda. *Avian Biology Research*, **2019**, 12, 49-59	0.8	0
167	The male and female complete mitochondrial genomes of the threatened freshwater pearl mussel Margaritifera margaritifera (Linnaeus, 1758) (Bivalvia: Margaritiferidae). *Mitochondrial DNA Part B: Resources*, **2019**, 4, 1417-1420	0.5	3
166	Absence of evidence is not evidence of absence: Nanopore sequencing and complete assembly of the European lobster (Homarus gammarus) mitogenome uncovers the missing nad2 and a new major gene cluster duplication. *BMC Genomics*, **2019**, 20, 335	4.5	13
165	De Novo assembly and characterisation of the greentail prawn (Metapenaeus bennettae) hepatopancreas transcriptome - identification of stress response and detoxification transcripts. *Marine Genomics*, **2019**, 47, 100677	1.9	5
164	Two reads to rule them all: Nanopore long read-guided assembly of the iconic Christmas Island red crab, Gecarcoidea natalis (Pocock, 1888), mitochondrial genome and the challenges of AT-rich mitogenomes. *Marine Genomics*, **2019**, 45, 64-71	1.9	7
163	Comparative mitogenomics of the Decapoda reveals evolutionary heterogeneity in architecture and composition. *Scientific Reports*, **2019**, 9, 10756	4.9	32
162	Mitogenome data of Robinson, 1917 (Primate: Lorisidae). *Data in Brief*, **2019**, 25, 104058	1.2	1
161	Genomic characterization of Vibrio parahaemolyticus from Pacific white shrimp and rearing water in Malaysia reveals novel sequence types and structural variation in genomic regions containing the Photorhabdus insect-related (Pir) toxin-like genes. *FEMS Microbiology Letters*, **2019**, 366,	2.9	4
160	Whole Genome Assembly of the Snout Otter Clam, , Using Nanopore and Illumina Data, Benchmarked Against Bivalve Genome Assemblies. *Frontiers in Genetics*, **2019**, 10, 1158	4.5	8

159	A horizon scan of priorities for coastal marine microbiome research. *Nature Ecology and Evolution*, **2019**, 3, 1509-1520	12.3	37
158	Health and saliva microbiomes of a semi-urbanized indigenous tribe in Peninsular Malaysia. *F1000Research*, **2019**, 8, 175	3.6	6
157	Health and saliva microbiomes of a semi-urbanized indigenous tribe in Peninsular Malaysia. *F1000Research*, **2019**, 8, 175	3.6	2
156	Improved genome of type strain provides new taxonomic insight into genomospecies 4. *PeerJ*, **2019**, 7, e6366	3.1	2
155	Biodegradation of thiocyanate by a native groundwater microbial consortium. *PeerJ*, **2019**, 7, e6498	3.1	4
154	MicroRNA profiling of mouse liver in response to DENV-1 infection by deep sequencing. *PeerJ*, **2019**, 7, e6697	3.1	2
153	Draft Genome Sequences of Five Isolated from Lechuguilla Cave, New Mexico, USA, and Insights into Taxonomy and Quorum Sensing. *Microbiology Resource Announcements*, **2019**, 8,	1.3	2
152	In vitro study on the effects of condensed tannins of different molecular weights on bovine rumen fungal population and diversity. *Italian Journal of Animal Science*, **2019**, 18, 1451-1462	2.2	4
151	Variability of mitochondrial ORFans hints at possible differences in the system of doubly uniparental inheritance of mitochondria among families of freshwater mussels (Bivalvia: Unionida). *BMC Evolutionary Biology*, **2019**, 19, 229	3	9
150	Best Foot Forward: Nanopore Long Reads, Hybrid Meta-Assembly, and Haplotig Purging Optimizes the First Genome Assembly for the Southern Hemisphere Blacklip Abalone (). *Frontiers in Genetics*, **2019**, 10, 889	4.5	10
149	Seawater recirculation through subducting sediments sustains a deeply buried population of sulfate-reducing bacteria. *Geobiology*, **2019**, 17, 172-184	4.3	2
148	High-throughput terrestrial biodiversity assessments: mitochondrial metabarcoding, metagenomics or metatranscriptomics?. *Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis*, **2019**, 30, 60-67	1.3	14
147	One More Decade of Agrobacterium Taxonomy. *Current Topics in Microbiology and Immunology*, **2018**, 418, 1-14	3.3	6
146	Temporal changes in arthropod activity in tropical anthropogenic forests. *Bulletin of Entomological Research*, **2018**, 108, 792-799	1.7	5
145	Genome Sequence of subsp. Strain K27, a Marine Bacterium Isolated from Sponge (). *Genome Announcements*, **2018**, 6,		4
144	Climate-driven mitochondrial selection: A test in Australian songbirds. *Molecular Ecology*, **2018**, 27, 898-918	5.7	25
143	Finding Nemo: hybrid assembly with Oxford Nanopore and Illumina reads greatly improves the clownfish (Amphiprion ocellaris) genome assembly. *GigaScience*, **2018**, 7, 1-6	7.6	50
142	Expansion and systematics redefinition of the most threatened freshwater mussel family, the Margaritiferidae. *Molecular Phylogenetics and Evolution*, **2018**, 127, 98-118	4.1	37

141	More evolution underground: Accelerated mitochondrial substitution rate in Australian burrowing freshwater crayfishes (Decapoda: Parastacidae). *Molecular Phylogenetics and Evolution*, **2018**, 118, 88-98	4.1	10
140	Commentary: Genome Sequence of VP152 Strain Isolated From in Malaysia. *Frontiers in Microbiology*, **2018**, 9, 865	5.7	2
139	Transcriptome-Guided Identification of Carbohydrate Active Enzymes (CAZy) from the Christmas Island Red Crab, Gecarcoidea natalis and a Vote for the Inclusion of Transcriptome-Derived Crustacean CAZys in Comparative Studies. *Marine Biotechnology*, **2018**, 20, 654-665	3.4	9
138	Time-resolved microbial guild responses to tidal cycling in a coastal acid-sulfate system. *Environmental Chemistry*, **2018**, 15, 2	3.2	3
137	Microbiome analysis of Pacific white shrimp gut and rearing water from Malaysia and Vietnam: implications for aquaculture research and management. *PeerJ*, **2018**, 6, e5826	3.1	40
136	Metabolomics and 16S rRNA sequencing of human colorectal cancers and adjacent mucosa. *PLoS ONE*, **2018**, 13, e0208584	3.7	21
135	High-Quality Draft Genome Sequence of the Type Strain of Allorhizobium vitis, the Primary Causal Agent of Grapevine Crown Gall. *Microbiology Resource Announcements*, **2018**, 7,	1.3	4
134	Isolation and genomic characterization of six endophytic bacteria isolated from sp (sugarcane): Insights into antibiotic, secondary metabolite and quorum sensing metabolism. *Journal of Genomics* , **2018**, 6, 117-121	0.9	4
133	ORDER within the chaos: Insights into phylogenetic relationships within the Anomura (Crustacea: Decapoda) from mitochondrial sequences and gene order rearrangements. *Molecular Phylogenetics and Evolution*, **2018**, 127, 320-331	4.1	50
132	More limbs on the tree: mitogenome characterisation and systematic position of □ving fossil□ species Neoglyphea inopinata and Laurentaeglyphea neocaledonica (Decapoda : Glypheidea : Glypheidae). *Invertebrate Systematics*, **2018**, 32, 448	1.2	9
131	Mitochondrial genomes and phylogenetic relationships of , , and (Perciformes: Latidae). *Mitochondrial DNA Part B: Resources*, **2017**, 2, 73-75	0.5	2
130	New Sequence Types of Isolated from a Malaysian Aquaculture Pond, as Revealed by Whole-Genome Sequencing. *Genome Announcements*, **2017**, 5,		6
129	Rapid recovery of nuclear and mitochondrial genes by genome skimming from Northern Hemisphere freshwater crayfish. *Zoologica Scripta*, **2017**, 46, 718-728	2.5	20
128	Changes in rumen protozoal community by condensed tannin fractions of different molecular weights from a Leucaena leucocephala hybrid in□vitro. *Journal of Applied Microbiology*, **2017**, 123, 41-53	4.7	7
127	Phylogeography of red muntjacs reveals three distinct mitochondrial lineages. *BMC Evolutionary Biology*, **2017**, 17, 34	3	16
126	Characterization of an autotrophic bioreactor microbial consortium degrading thiocyanate. *Applied Microbiology and Biotechnology*, **2017**, 101, 5889-5901	5.7	18
125	The first Margaritiferidae male (M-type) mitogenome: mitochondrial gene order as a potential character for determining higher-order phylogeny within Unionida (Bivalvia). *Journal of Molluscan Studies*, **2017**, 83, 249-252	1.1	15
124	Genetic diversity of Enterococcus faecalis isolated from environmental, animal and clinical sources in Malaysia. *Journal of Infection and Public Health*, **2017**, 10, 617-623	7.4	9

123	The complete mitochondrial genome of the snakeskin gourami, (Regan 1910) (Teleostei: Osphronemidae). *Mitochondrial DNA Part B: Resources*, **2017**, 2, 148-149	0.5	3
122	Purifying selection and genetic drift shaped Pleistocene evolution of the mitochondrial genome in an endangered Australian freshwater fish. *Heredity*, **2017**, 118, 466-476	3.6	22
121	Disentangling the Taxonomy of the Mahseers (Tor spp.) of Malaysia: An Integrated Approach Using Morphology, Genetics and Historical Records. *Reviews in Fisheries Science and Aquaculture*, **2017**, 25, 171-183	8.3	9
120	In Situ Stimulation of Thiocyanate Biodegradation through Phosphate Amendment in Gold Mine Tailings Water. *Environmental Science & Technology*, **2017**, 51, 13353-13362	10.3	16
119	Signatures of polygenic adaptation associated with climate across the range of a threatened fish species with high genetic connectivity. *Molecular Ecology*, **2017**, 26, 6253-6269	5.7	26
118	A glimpse into the genetic basis of symbiosis between and their helper strains in the biodegradation of 4-aminobenzenesulfonate. *Journal of Genomics*, **2017**, 5, 77-82	0.9	8
117	Draft Genome Sequences of Six Strains Isolated from Malaysian Clinical and Environmental Origins. *Genome Announcements*, **2017**, 5,		1
116	Genomic characterization of eight strains isolated from pristine caves and a whole genome phylogeny of. *Journal of Genomics*, **2017**, 5, 12-15	0.9	5
115	Whole genome sequencing of isolated from the chewing stick (): insights into phylogeny, mitogenome dynamics and carotenoid biosynthesis. *PeerJ*, **2017**, 5, e4030	3.1	15
114	Whole-Genome Sequences of Two Carbapenem-Resistant Strains Isolated from a Tertiary Hospital in Johor, Malaysia. *Genome Announcements*, **2017**, 5,		11
113	High-resolution bacterial 16S rRNA gene profile meta-analysis and biofilm status reveal common colorectal cancer consortia. *Npj Biofilms and Microbiomes*, **2017**, 3, 34	8.2	145
112	Complete genome sequence of Novosphingobium resinovorum SA1, a versatile xenobiotic-degrading bacterium capable of utilizing sulfanilic acid. *Journal of Biotechnology*, **2017**, 241, 76-80	3.7	17
111	De novo genome assembly and annotation of Australia's largest freshwater fish, the Murray cod (Maccullochella peelii), from Illumina and Nanopore sequencing read. *GigaScience*, **2017**, 6, 1-6	7.6	40
110	iDNA at Sea: Recovery of Whale Shark (Rhincodon typus) Mitochondrial DNA Sequences from the Whale Shark Copepod (Pandarus rhincodonicus) Confirms Global Population Structure. *Frontiers in Marine Science*, **2017**, 4,	4.5	13
109	Taxonomic Classification of 373 Genomes Reveals Species Misidentification and New Genospecies within the Genus. *Frontiers in Microbiology*, **2017**, 8, 1296	5.7	30
108	Nanopore Long-Read Guided Complete Genome Assembly of , and Genomic Insights into 4-Aminobenzenesulfonate, -Aminobenzoic Acid and Hydrogen Metabolism in the Genus. *Frontiers in Microbiology*, **2017**, 8, 1880	5.7	17
107	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). *PeerJ*, **2017**, 5, e2982	3.1	26
106	Elucidating the diet of the island flying fox () in Peninsular Malaysia through Illumina Next-Generation Sequencing. *PeerJ*, **2017**, 5, e3176	3.1	24

105	The male and female complete mitochondrial genome sequences of the Endangered freshwater mussel Potomida littoralis (Cuvier, 1798) (Bivalvia: Unionidae). *Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis*, **2016**, 27, 3571-2	1.3	17
104	The complete mitogenome of the minute mudskipper, Periophthalmus minutus Eggert, 1935 (Perciformes: Gobiidae: Oxudercinae). *Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis*, **2016**, 27, 4187-4188	1.3	2
103	The complete mitogenome of the rock pool prawn Palaemon serenus (Heller, 1862) (Crustacea: Decapoda: Palaemonidae). *Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis*, **2016**, 27, 3155-6	1.3	6
102	The complete mitogenome of the Australian freshwater shrimp Paratya australiensis Kemp, 1917 (Crustacea: Decapoda: Atyidae). *Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis*, **2016**, 27, 3157-8	1.3	1
101	The complete mitogenome of the New Zealand freshwater crayfish Paranephrops planifrons White 1842 (Crustacea: Decapoda: Parastacidae). *Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis*, **2016**, 27, 3333-4	1.3	2
100	Mitochondrial genomes of the jungle crow Corvus macrorhynchos (Passeriformes: Corvidae) from shed feathers and a phylogenetic analysis of genus Corvus using mitochondrial protein-coding genes. *Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis*, **2016**, 27, 2668-70	1.3	4
99	The complete mitogenome of the bluespotted ribbontail ray Taeniura lymma (Forsskl 1775) (Elasmobranchii: Myliobatiformes: Dasyatidae). *Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis*, **2016**, 27, 3205-7	1.3	1
98	The complete mitogenome of the Morton Bay bug Thenus orientalis (Lund, 1793) (Crustacea: Decapoda: Scyllaridae) from a cooked sample and a new mitogenome order for the Decapoda. *Mitochondrial DNA*, **2016**, 27, 1277-8		3
97	The complete mitogenome of the Australian land crayfish Engaeus lyelli (Clark 1936) (Crustacea: Decapoda: Parastacidae). *Mitochondrial DNA*, **2016**, 27, 595-6		5
96	The complete mitogenome of the red claw crayfish Cherax quadricarinatus (Von Martens, 1868) (Crustacea: Decapoda: Parastacidae). *Mitochondrial DNA*, **2016**, 27, 385-6		11
95	The complete mitochondrial genome of the invasive house crow Corvus splendens (Passeriformes: Corvidae). *Mitochondrial DNA*, **2016**, 27, 974-5		7
94	The complete mitogenome of the freshwater crayfish Cherax cainii (Crustacea: Decapoda: Parastacidae). *Mitochondrial DNA*, **2016**, 27, 126-7		10
93	The complete mitogenome of the whale shark parasitic copepod Pandarus rhincodonicus norman, Newbound & Knott (Crustacea; Siphonostomatoida; Pandaridae)--a new gene order for the copepoda. *Mitochondrial DNA*, **2016**, 27, 694-5		5
92	Impact of dengue virus (DENV) co-infection on clinical manifestations, disease severity and laboratory parameters. *BMC Infectious Diseases*, **2016**, 16, 406	4	34
91	The complete mitogenome of the cow tail ray Pastinachus atrus (Macleay, 1883) (Elasmobranchii; Myliobatiformes; Dasyatidae). *Mitochondrial DNA*, **2016**, 27, 1372-3		2
90	The complete mitogenome of the hermit crab Clibanarius infraspinatus (Hilgendorf, 1869), (Crustacea; Decapoda; Diogenidae) - a new gene order for the Decapoda. *Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis*, **2016**, 27, 4099-4100	1.3	13
89	The complete mitogenome of the crayfish Cherax glaber (Crustacea: Decapoda: Parastacidae). *Mitochondrial DNA*, **2016**, 27, 220-1		7
88	The complete mitogenome of the endangered white-clawed freshwater crayfish Austropotamobius pallipes (Lereboullet, 1858) (Crustacea: Decapoda: Astacidae). *Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis*, **2016**, 27, 3329-30	1.3	5

87	The complete mitogenome of the giant clam Tridacna squamosa (Heterodonta: Bivalvia: Tridacnidae). *Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis*, **2016**, 27, 3220-1	1.3	7
86	The complete mitogenome of the invasive spiny-cheek crayfish Orconectes limosus (Rafinesque, 1817) (Crustacea: Decapoda: Cambaridae). *Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis*, **2016**, 27, 3181-3	1.3	4
85	The complete mitogenome of the Norway lobster Nephrops norvegicus (Linnaeus, 1758) (Crustacea: Decapoda: Nephropidae). *Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis*, **2016**, 27, 3179-80	1.3	4
84	The complete mitochondrial genome of the bass yabby Trypaea australiensis Dana 1852, (Crustacea; Decapoda; Callianassidae) - a new gene order for the Decapoda. *Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis*, **2016**, 27, 3985-3986	1.3	1
83	Whole-Genome Sequencing Reveals a New Genospecies of Methylobacterium sp. GXS13, Isolated from Vitis vinifera L. Xylem Sap. *Genome Announcements*, **2016**, 4,		2
82	Pleistocene divergence across a mountain range and the influence of selection on mitogenome evolution in threatened Australian freshwater cod species. *Heredity*, **2016**, 116, 506-15	3.6	15
81	Characterisation of 12 microsatellite loci in the Vietnamese commercial clam Lutraria rhynchaena Jonas 1844 (Heterodonta: Bivalvia: Mactridae) through next-generation sequencing. *Molecular Biology Reports*, **2016**, 43, 391-6	2.8	5
80	The complete mitogenome of the Macquarie perch, Macquaria australasica Cuvier, 1830 (Teleostei: Percichthyidae). *Mitochondrial DNA*, **2016**, 27, 383-4		4
79	The complete mitogenome of the porcelain crab Petrolisthes haswelli Miers, 1884 (Crustacea: Decapoda: Anomura). *Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis*, **2016**, 27, 3983-3984	1.3	5
78	The complete mitogenome of Cherax monticola (Crustacea: Decapoda: Parastacidae), a large highland crayfish from New Guinea. *Mitochondrial DNA*, **2016**, 27, 337-8		13
77	The complete mitogenome of the Australian crayfish Geocharax gracilis Clark 1936 (Crustacea: Decapoda: Parastacidae). *Mitochondrial DNA*, **2016**, 27, 826-7		4
76	First comprehensive multi-tissue transcriptome of Cherax quadricarinatus (Decapoda: Parastacidae) reveals unexpected diversity of endogenous cellulase. *Organisms Diversity and Evolution*, **2016**, 16, 185-200	1.7	16
75	The complete mitogenome of the marine bivalve Lutraria rhynchaena Jonas 1844 (Heterodonta: Bivalvia: Mactridae). *Mitochondrial DNA*, **2016**, 27, 335-6		5
74	The complete mitogenome of the Australian spiny crayfish Euastacus yarraensis (McCoy, 1888) (Crustacea: Decapoda: Parastacidae). *Mitochondrial DNA*, **2016**, 27, 929-30		5
73	The complete mitogenome of the swimming crab Thalamita crenata (Rüppell, 1830) (Crustacea; Decapoda; Portunidae). *Mitochondrial DNA*, **2016**, 27, 1275-6		5
72	The complete mitogenome of the moon crab Ashtoret lunaris (Forskal, 1775), (Crustacea; Decapoda; Matutidae). *Mitochondrial DNA*, **2016**, 27, 1313-4		2
71	The complete mitogenome of the stone crab Myomenippe fornasinii (Bianconi, 1851) (Crustacea: Decapoda: Menippidae). *Mitochondrial DNA*, **2016**, 27, 1374-5		2
70	The complete mitogenome of purple mottled shore crab Cyclograpsus granulosus H. Milne-Edwards, 1853 (Crustacea: Decapoda: Grapsoidea). *Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis*, **2016**, 27, 3981-3982	1.3	6

69	The complete mitogenome of the endangered freshwater crayfish Cherax tenuimanus (Smith 1912) (Crustacea: Decapoda: Parastacidae). *Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis*, **2016**, 27, 4176-4177	1.3	1
68	The complete mitogenome of the Murray Cod, Maccullochella peelii (Mitchell, 1838) (Teleostei: Percichthyidae). *Mitochondrial DNA*, **2016**, 27, 729-30		2
67	The complete mitogenome of the Australian tadpole shrimp Triops australiensis (Spencer & Hall, 1895) (Crustacea: Branchiopoda: Notostraca). *Mitochondrial DNA*, **2016**, 27, 2028-9		1
66	The complete mitogenome of the ghost crab Ocypode ceratophthalmus (Pallas, 1772) (Crustacea: Decapoda: Ocypodidae). *Mitochondrial DNA*, **2016**, 27, 2123-4		5
65	The complete mitogenome of the river blackfish, Gadopsis marmoratus (Richardson, 1848) (Teleostei: Percichthyidae). *Mitochondrial DNA*, **2016**, 27, 2030-1		1
64	The complete mitogenome of the soldier crab Mictyris longicarpus (Latreille, 1806) (Crustacea: Decapoda: Mictyridae). *Mitochondrial DNA*, **2016**, 27, 2121-2		3
63	Genome sequencing-assisted identification and the first functional validation of N-acyl-homoserine-lactone synthases from the Sphingomonadaceae family. *PeerJ*, **2016**, 4, e2332	3.1	5
62	Global MLST of Salmonella Typhi Revisited in Post-genomic Era: Genetic Conservation, Population Structure, and Comparative Genomics of Rare Sequence Types. *Frontiers in Microbiology*, **2016**, 7, 270	5.7	18
61	Identification and Partial Characterization of a Novel UDP-N-Acetylenolpyruvoylglucosamine Reductase/UDP-N-Acetylmuramate:l-Alanine Ligase Fusion Enzyme from Verrucomicrobium spinosum DSM 4136(T). *Frontiers in Microbiology*, **2016**, 7, 362	5.7	3
60	Helicobacter pylori Eradication Causes Perturbation of the Human Gut Microbiome in Young Adults. *PLoS ONE*, **2016**, 11, e0151893	3.7	82
59	Modulatory effects of condensed tannin fractions of different molecular weights from a Leucaena leucocephala hybrid on the bovine rumen bacterial community in vitro. *Journal of the Science of Food and Agriculture*, **2016**, 96, 4565-74	4.3	12
58	First High-Quality Draft Genome Sequence of Pasteurella multocida Sequence Type 128 Isolated from Infected Bone. *Genome Announcements*, **2016**, 4,		2
57	First Complete Genome Sequence of a Chikungunya Virus Strain Isolated from a Patient Diagnosed with Dengue Virus Infection in Malaysia. *Genome Announcements*, **2016**, 4,		2
56	Effects of condensed tannin fractions of different molecular weights on population and diversity of bovine rumen methanogenic archaea in vitro , as determined by high-throughput sequencing. *Animal Feed Science and Technology*, **2016**, 216, 146-160	3	31
55	Field calibration of blowfly-derived DNA against traditional methods for assessing mammal diversity in tropical forests. *Genome*, **2016**, 59, 1008-1022	2.4	26
54	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. *Molecular Phylogenetics and Evolution*, **2015**, 85, 180-8	4.1	42
53	Deciphering chicken gut microbial dynamics based on high-throughput 16S rRNA metagenomics analyses. *Gut Pathogens*, **2015**, 7, 4	5.4	155
52	Whole Genome Sequencing of the Asian Arowana (Scleropages formosus) Provides Insights into the Evolution of Ray-Finned Fishes. *Genome Biology and Evolution*, **2015**, 7, 2885-95	3.9	30

51	Whole-Genome Sequencing and Annotation of Bacillus safensis RIT372 and Pseudomonas oryzihabitans RIT370 from Capsicum annuum (Bird's Eye Chili) and Capsicum chinense (Yellow Lantern Chili), Respectively. *Genome Announcements*, **2015**, 3,		1
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