

Ivan Jakovlic

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,668
citations

393982

19
h-index

214527

47
g-index

59
all docs

59
docs citations

59
times ranked

2162
citing authors

#	ARTICLE	IF	CITATIONS
1	PhyloSuite: An integrated and scalable desktop platform for streamlined molecular sequence data management and evolutionary phylogenetics studies. <i>Molecular Ecology Resources</i> , 2020, 20, 348-355.	2.2	1,605
2	Succession and Fermentation Products of Grass Carp (<i>Ctenopharyngodon idellus</i>) Hindgut Microbiota in Response to an Extreme Dietary Shift. <i>Frontiers in Microbiology</i> , 2017, 8, 1585.	1.5	77
3	Transcriptomics, metabolomics and histology indicate that high-carbohydrate diet negatively affects the liver health of blunt snout bream (<i>Megalobrama amblycephala</i>). <i>BMC Genomics</i> , 2017, 18, 856.	1.2	77
4	Impacts of diet on hindgut microbiota and short-chain fatty acids in grass carp (<i>Ctenopharyngodon idellus</i>). <i>Aquaculture Research</i> , 2017, 48, 5595-5605.	0.9	60
5	The complete mitochondrial genome of parasitic nematode <i>Camallanus cotti</i> : extreme discontinuity in the rate of mitogenomic architecture evolution within the Chromadorea class. <i>BMC Genomics</i> , 2017, 18, 840.	1.2	60
6	1H NMR-based metabolomics approach reveals metabolic alterations in response to dietary imbalances in <i>Megalobrama amblycephala</i> . <i>Metabolomics</i> , 2017, 13, 1.	1.4	39
7	Recent invasion and low level of divergence between diploid and triploid forms of <i>Carassius auratus</i> complex in Croatia. <i>Genetica</i> , 2011, 139, 789-804.	0.5	37
8	Mitochondrial genomes of two diplectanids (Platyhelminthes: Monogenea) expose paraphyly of the order Dactylogyridea and extensive tRNA gene rearrangements. <i>Parasites and Vectors</i> , 2018, 11, 601.	1.0	37
9	Dietary habits of invasive Ponto-Caspian gobies in the Croatian part of the Danube River basin and their potential impact on benthic fish communities. <i>Science of the Total Environment</i> , 2016, 540, 386-395.	3.9	34
10	Dietary Bile Salt Types Influence the Composition of Biliary Bile Acids and Gut Microbiota in Grass Carp. <i>Frontiers in Microbiology</i> , 2018, 9, 2209.	1.5	31
11	Mitochondrial Architecture Rearrangements Produce Asymmetrical Nonadaptive Mutational Pressures That Subvert the Phylogenetic Reconstruction in Isopoda. <i>Genome Biology and Evolution</i> , 2019, 11, 1797-1812.	1.1	31
12	Sequencing of the complete mitochondrial genomes of eight freshwater snail species exposes pervasive paraphyly within the Viviparidae family (Caenogastropoda). <i>PLoS ONE</i> , 2017, 12, e0181699.	1.1	29
13	Sequencing of the complete mitochondrial genome of a fish-parasitic flatworm <i>Paratetraonchoides inermis</i> (Platyhelminthes: Monogenea): tRNA gene arrangement reshuffling and implications for phylogeny. <i>Parasites and Vectors</i> , 2017, 10, 462.	1.0	29
14	Three new Diplozoidae mitogenomes expose unusual compositional biases within the Monogenea class: implications for phylogenetic studies. <i>BMC Evolutionary Biology</i> , 2018, 18, 133.	3.2	28
15	Molecular cloning and expression of toll-like receptor 4 (tlr4) in the blunt snout bream (<i>Megalobrama amblycephala</i>). <i>Developmental and Comparative Immunology</i> , 2016, 59, 63-76.	1.0	23
16	Sequencing, characterization and phylogenomics of the complete mitochondrial genome of <i>Dactylogyrus lamellatus</i> (Monogenea: Dactylogyridae). <i>Journal of Helminthology</i> , 2018, 92, 455-466.	0.4	22
17	Chemotactic effect of β -defensin 1 on macrophages in <i>Megalobrama amblycephala</i> . <i>Fish and Shellfish Immunology</i> , 2018, 74, 35-42.	1.6	21
18	Expression and functional characterization of interferon regulatory factors (irf2 , irf7 and irf9) in the blunt snout bream (<i>Megalobrama amblycephala</i>). <i>Developmental and Comparative Immunology</i> , 2017, 67, 239-248.	1.0	20

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19	Dietary betaine reduces liver lipid accumulation via improvement of bile acid and trimethylamine-N-oxide metabolism in blunt-snout bream. <i>Food and Function</i> , 2019, 10, 6675-6689.	2.1	20
20	Tandem duplication of two tRNA genes in the mitochondrial genome of <i>Tagiades vajuna</i> (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 T	1.25	20
21	Blunt Snout Bream (<i>Megalobrama amblycephala</i>) MyD88 and TRAF6: Characterisation, Comparative Homology Modelling and Expression. <i>International Journal of Molecular Sciences</i> , 2015, 16, 7077-7097.	1.8	19
22	Morphology is not a reliable taxonomic tool for the genus <i>Lernaea</i> : molecular data and experimental infection reveal that <i>L. cyprinacea</i> and <i>L. cruciata</i> are conspecific. <i>Parasites and Vectors</i> , 2019, 12, 579.	1.0	19
23	First record of round goby, <i>Neogobius melanostomus</i> (Pallas, 1814) in the Sava River, Croatia. <i>Aquatic Invasions</i> , 2011, 6, S153-S157.	0.6	19
24	Life tables and elasticity analyses of Yangtze River fish species with implications for conservation and management. <i>Reviews in Fish Biology and Fisheries</i> , 2017, 27, 255-266.	2.4	18
25	Basal position of two new complete mitochondrial genomes of parasitic Cymothoidea (Crustacea: Tj ETQq1 1 0.784314 rgBT /Overlock Vectors, 2018, 11, 628.	1.0	18
26	Homoplasy or plesiomorphy? Reconstruction of the evolutionary history of mitochondrial gene order rearrangements in the subphylum Neodermata. <i>International Journal for Parasitology</i> , 2019, 49, 819-829.	1.3	17
27	Architectural instability, inverted skews and mitochondrial phylogenomics of Isopoda: outgroup choice affects the long-branch attraction artefacts. <i>Royal Society Open Science</i> , 2020, 7, 191887.	1.1	17
28	Evolutionary history of inversions in directional mutational pressures in crustacean mitochondrial genomes: Implications for evolutionary studies. <i>Molecular Phylogenetics and Evolution</i> , 2021, 164, 107288.	1.2	16
29	Population size may shape the accumulation of functional mutations following domestication. <i>BMC Evolutionary Biology</i> , 2018, 18, 4.	3.2	15
30	Molecular characterization and immunological response analysis of toll-like receptors from the blunt snout bream (<i>Megalobrama amblycephala</i>). <i>Developmental and Comparative Immunology</i> , 2017, 67, 471-475.	1.0	14
31	The complete mitochondrial genome of <i>Cymothoa indica</i> has a highly rearranged gene order and clusters at the very base of the Isopoda clade. <i>PLoS ONE</i> , 2018, 13, e0203089.	1.1	14
32	Gut segments outweigh the diet in shaping the intestinal microbiota composition in grass carp <i>Ctenopharyngodon idellus</i> . <i>AMB Express</i> , 2019, 9, 44.	1.4	14
33	Metabolite and gene expression profiles suggest a putative mechanism through which high dietary carbohydrates reduce the content of hepatic betaine in <i>Megalobrama amblycephala</i> . <i>Metabolomics</i> , 2018, 14, 94.	1.4	13
34	In silico characterisation, homology modelling and structure-based functional annotation of blunt snout bream (<i>Megalobrama amblycephala</i>) Hsp70 and Hsc70 proteins. <i>Journal of Animal Science and Technology</i> , 2015, 57, 44.	0.8	11
35	Identification, characterization and expression in response to <i>Aeromonas hydrophila</i> challenge of five interferon regulatory factors in <i>Megalobrama amblycephala</i> . <i>Fish and Shellfish Immunology</i> , 2019, 86, 204-212.	1.6	11
36	Slow crabs are fast genomes: Locomotory capacity predicts skew magnitude in crustacean mitogenomes. <i>Molecular Ecology</i> , 2021, 30, 5488-5502.	2.0	11

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37	Identification, origin and evidence for retained functionality of two β -paralogs in <i>Megalobrama amblycephala</i> . <i>Developmental and Comparative Immunology</i> , 2016, 62, 89-96.	1.0	10
38	Expression of Hox paralog group 13 genes in adult and developing <i>Megalobrama amblycephala</i> . <i>Gene Expression Patterns</i> , 2016, 21, 63-68.	0.3	8
39	Molecular identification and functional characterisation of the interferon regulatory factor 1 in the blunt snout bream (<i>Megalobrama amblycephala</i>). <i>Fish and Shellfish Immunology</i> , 2016, 54, 456-465.	1.6	8
40	Life history traits and implications for conservation of rock carp <i>Procypris rabaudi</i> Tchang, an endemic fish in the upper Yangtze River, China. <i>Fisheries Science</i> , 2015, 81, 515-523.	0.7	7
41	Mitochondrial Genomes of Two <i>Thaparocleidus</i> Species (Platyhelminthes: Monogenea) Reveal the First rRNA Gene Rearrangement among the Neodermata. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4214.	1.8	7
42	Disentangling the interplay of positive and negative selection forces that shaped mitochondrial genomes of <i>Gammarus pisinnus</i> and <i>Gammarus lacustris</i> . <i>Royal Society Open Science</i> , 2020, 7, 190669.	1.1	7
43	Gene expression patterns indicate that a high-fat high-carbohydrate diet causes mitochondrial dysfunction in fish. <i>Genome</i> , 2019, 62, 53-67.	0.9	5
44	Effects of the total fish meal replacement by soybean meal on growth parameters, serum biochemistry, and hepatic and intestinal histology of juvenile blunt snout bream (<i>Megalobrama</i>) Tj ETQq0 0 0 rgBT /Overlock 107Tf 50 457 Td (amb	1.0	5
45	Mitochondrial genomes and 28S rDNA contradict the proposed obsolescence of the order Tetraonchidea (Platyhelminthes: Monogenea). <i>International Journal of Biological Macromolecules</i> , 2020, 143, 891-901.	3.6	5
46	Evidence for Adaptive Selection in the Mitogenome of a Mesoparasitic Monogenean Flatworm <i>Enterogyrus malmbergi</i> . <i>Genes</i> , 2019, 10, 863.	1.0	4
47	A chromosome-level genome assembly of <i>Cairina moschata</i> and comparative genomic analyses. <i>BMC Genomics</i> , 2021, 22, 581.	1.2	4
48	The Role of Intestinal Microbiota in Regulating the Metabolism of Bile Acids Is Conserved Across Vertebrates. <i>Frontiers in Microbiology</i> , 2022, 13, 824611.	1.5	3
49	Evolutionary rates of mitochondrial sequences and gene orders in <i>Spirurina</i> (Nematoda) are episodic but synchronised. , 2022, 1, 100033.		3
50	Disrupted architecture and fast evolution of the mitochondrial genome of <i>Argeia pugettensis</i> (Isopoda): implications for speciation and fitness. <i>BMC Genomics</i> , 2020, 21, 607.	1.2	2
51	Inverted base composition skews and discontinuous mitochondrial genome architecture evolution in the Enoplea (Nematoda). <i>BMC Genomics</i> , 2022, 23, 376.	1.2	2
52	The missing human baculum: a victim of conspecific aggression and budding self-awareness?. <i>Mammal Review</i> , 2021, 51, 454-464.	2.2	1
53	The first report of <i>Adiablo</i> in <i>Megalobrama amblycephala</i> : characterization, phylogenetic analysis, functional annotation and expression. <i>Journal of Genetics</i> , 2017, 96, 613-623.	0.4	0
54	Life History Traits, Elasticity Analyses, and Phenotypic Plasticity of <i>Squaliobarbus curriculus</i> in the Pearl River Estuary, China. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	0