

Federico Plazzi

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

680
citations

623734

14
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

755
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards a molecular phylogeny of Mollusks: Bivalves' early evolution as revealed by mitochondrial genes. <i>Molecular Phylogenetics and Evolution</i> , 2010, 57, 641-657.	2.7	102
2	A Molecular Phylogeny of Bivalve Mollusks: Ancient Radiations and Divergences as Revealed by Mitochondrial Genes. <i>PLoS ONE</i> , 2011, 6, e27147.	2.5	80
3	The complete mitochondrial genome of <i>Solemya velum</i> (Mollusca: Bivalvia) and its relationships with Conchifera. <i>BMC Genomics</i> , 2013, 14, 409.	2.8	53
4	Comparative Large-Scale Mitogenomics Evidences Clade-Specific Evolutionary Trends in Mitochondrial DNAs of Bivalvia. <i>Genome Biology and Evolution</i> , 2016, 8, 2544-2564.	2.5	51
5	SmithRNAs: Could Mitochondria 'Bend' Nuclear Regulation?. <i>Molecular Biology and Evolution</i> , 2017, 34, 1960-1973.	8.9	51
6	Evolution of sex-dependent mtDNA transmission in freshwater mussels (Bivalvia: Unionida). <i>Scientific Reports</i> , 2017, 7, 1551.	3.3	40
7	The mitochondrial genome of <i>Bacillus</i> stick insects (Phasmatodea) and the phylogeny of orthopteroid insects. <i>Molecular Phylogenetics and Evolution</i> , 2011, 58, 304-316.	2.7	38
8	The Complete Female- and Male-Transmitted Mitochondrial Genome of <i>Meretrix lamarckii</i> . <i>PLoS ONE</i> , 2016, 11, e0153631.	2.5	37
9	Phylogenetic representativeness: a new method for evaluating taxon sampling in evolutionary studies. <i>BMC Bioinformatics</i> , 2010, 11, 209.	2.6	31
10	MetaSINEs: Broad Distribution of a Novel SINE Superfamily in Animals. <i>Genome Biology and Evolution</i> , 2016, 8, 528-539.	2.5	22
11	Mitochondrial Coevolution, but not Nuclear Compensation, Drives Evolution of OXPHOS Complexes in Bivalves. <i>Molecular Biology and Evolution</i> , 2021, 38, 2597-2614.	8.9	21
12	Phylomitogenomics provides new perspectives on the Euphasmatodea radiation (Insecta: Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50 302 Td	2.7	19
13	Footprints of unconventional mitochondrial inheritance in bivalve phylogeny: Signatures of positive selection on clades with doubly uniparental inheritance. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2019, 57, 258-271.	1.4	18
14	Comparative Transcriptomics in Two Bivalve Species Offers Different Perspectives on the Evolution of Sex-Biased Genes. <i>Genome Biology and Evolution</i> , 2018, 10, 1389-1402.	2.5	17
15	The quest for Doubly Uniparental Inheritance in heterodont bivalves and its detection in <i>Meretrix lamarckii</i> (Veneridae: Meretricinae). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2015, 53, 87-94.	1.4	16
16	Burrowers from the Past: Mitochondrial Signatures of Ordovician Bivalve Infaunalization. <i>Genome Biology and Evolution</i> , 2017, 9, 956-967.	2.5	14
17	Clues of in vivo nuclear gene regulation by mitochondrial short non-coding RNAs. <i>Scientific Reports</i> , 2020, 10, 8219.	3.3	14
18	Mitochondrial Genomic Landscape: A Portrait of the Mitochondrial Genome 40 Years after the First Complete Sequence. <i>Life</i> , 2021, 11, 663.	2.4	14

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19	The detection of sex-linked heteroplasmy in <i>Pseudocardium sachalinense</i> (Bivalvia: Mactridae) and its implications for the distribution of doubly uniparental inheritance of mitochondrial DNA. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2015, 53, 205-210.	1.4	13
20	Doubly Uniparental Inheritance and beyond: The contribution of the Manila clam <i>Ruditapes philippinarum</i> . <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2020, 58, 529-540.	1.4	13
21	Additional taxonomic coverage of the doubly uniparental inheritance in bivalves: Evidence of sex-linked heteroplasmy in the razor clam <i>Solen marginatus</i> Pulteney, 1799, but not in the lagoon cockle <i>Cerastoderma glaucum</i> (Bruguière, 1789). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2020, 58, 561-570.	1.4	6
22	Molecular Phylogenetics and Mitochondrial Evolution. <i>Life</i> , 2022, 12, 4.	2.4	4
23	HERMES: An improved method to test mitochondrial genome molecular synapomorphies among clades. <i>Mitochondrion</i> , 2021, 58, 285-295.	3.4	2
24	One in a Million: Genetic Diversity and Conservation of the Reference <i>Crassostrea angulata</i> Population in Europe from the Sado Estuary (Portugal). <i>Life</i> , 2021, 11, 1173.	2.4	2
25	Mitochondrial phylogeny and taxonomic revision of Italian and Slovenian fluvio-lacustrine barbels, <i>Barbus</i> sp. (Cypriniformes, Cyprinidae). <i>BMC Zoology</i> , 2021, 6, .	1.0	1
26	Mito-nuclear coevolution and phylogenetic artifacts: the case of bivalve mollusks. <i>Scientific Reports</i> , 2022, 12, .	3.3	1