

Miguel M Fonseca

List of Publications by Year in descending order

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell mtDNA heteroplasmy in colorectal cancer. <i>Genomics</i> , 2022, 114, 110315.	1.3	1
2	The role of Sahara highlands in the diversification and desert colonization of the Bosc's fringe-toed lizard. <i>Journal of Biogeography</i> , 2021, 48, 2891-2906.	1.4	8
3	Mesozoic mitogenome rearrangements and freshwater mussel (Bivalvia: Unionoidea) macroevolution. <i>Heredity</i> , 2020, 124, 182-196.	1.2	27
4	PseudoChecker: an integrated online platform for gene inactivation inference. <i>Nucleic Acids Research</i> , 2020, 48, W321-W331.	6.5	14
5	PhyloToL: A Taxon/Gene-Rich Phylogenomic Pipeline to Explore Genome Evolution of Diverse Eukaryotes. <i>Molecular Biology and Evolution</i> , 2019, 36, 1831-1842.	3.5	23
6	Convergent inactivation of the skin-specific C-C motif chemokine ligand 27 in mammalian evolution. <i>Immunogenetics</i> , 2019, 71, 363-372.	1.2	9
7	Phylogenomics suggests oxygen availability as a driving force in Thaumarchaeota evolution. <i>ISME Journal</i> , 2019, 13, 2150-2161.	4.4	108
8	Complete Inactivation of Sebum-Producing Genes Parallels the Loss of Sebaceous Glands in Cetacea. <i>Molecular Biology and Evolution</i> , 2019, 36, 1270-1280.	3.5	30
9	Genes for de novo biosynthesis of omega-3 polyunsaturated fatty acids are widespread in animals. <i>Science Advances</i> , 2018, 4, eaar6849.	4.7	252
10	Expansion and systematics redefinition of the most threatened freshwater mussel family, the Margaritiferidae. <i>Molecular Phylogenetics and Evolution</i> , 2018, 127, 98-118.	1.2	53
11	“Out of the Can” A Draft Genome Assembly, Liver Transcriptome, and Nutrigenomics of the European Sardine, <i>Sardina pilchardus</i> . <i>Genes</i> , 2018, 9, 485.	1.0	30
12	Cetacea are natural knockouts for IL20. <i>Immunogenetics</i> , 2018, 70, 681-687.	1.2	19
13	The first Margaritiferidae male (M-type) mitogenome: mitochondrial gene order as a potential character for determining higher-order phylogeny within Unionida (Bivalvia). <i>Journal of Molluscan Studies</i> , 2017, 83, 249-252.	0.4	26
14	The female and male mitochondrial genomes of <i>Unio delphinus</i> and the phylogeny of freshwater mussels (Bivalvia: Unionida). <i>Mitochondrial DNA Part B: Resources</i> , 2016, 1, 954-957.	0.2	23
15	Origin and Length Distribution of Unidirectional Prokaryotic Overlapping Genes. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 19-27.	0.8	10
16	The Elusive Nature of Adaptive Mitochondrial DNA Evolution of an Arctic Lineage Prone to Frequent Introgression. <i>Genome Biology and Evolution</i> , 2014, 6, 886-896.	1.1	78
17	The Inversion of the Control Region in Three Mitogenomes Provides Further Evidence for an Asymmetric Model of Vertebrate mtDNA Replication. <i>PLoS ONE</i> , 2014, 9, e106654.	1.1	43
18	Base-Pairing Versatility Determines Wobble Sites in tRNA Anticodons of Vertebrate Mitogenomes. <i>PLoS ONE</i> , 2012, 7, e36605.	1.1	2

#	ARTICLE	IF	CITATIONS
19	Systematic and phylogeographical assessment of the <i>Acanthodactylus erythrurus</i> group (Reptilia: Tj ETQq1 1 0.784314 rgBT /Overlook Phylogenetics and Evolution, 2009, 51, 131-142.	1.2	53
20	Genetic variation among spiny-footed lizards in the <i>Acanthodactylus pardalis</i> group from North Africa. African Zoology, 2008, 43, 8-15.	0.2	15
21	Inverted Replication of Vertebrate Mitochondria. Molecular Biology and Evolution, 2008, 25, 805-808.	3.5	41
22	Genetic variation among spiny-footed lizards in the <i>Acanthodactylus pardalis</i> group from North Africa. African Zoology, 2008, 43, 8-15.	0.2	29
23	Relationship between mitochondrial gene rearrangements and stability of the origin of light strand replication. Genetics and Molecular Biology, 2008, 31, 566-574.	0.6	17
24	BACA: a mitochondrial genome retriever, organizer and visualizer. Molecular Ecology Notes, 2007, 7, 217-220.	1.7	2
25	Mitochondrial Gene Rearrangements and Partial Genome Duplications Detected by Multigene Asymmetric Compositional Bias Analysis. Journal of Molecular Evolution, 2006, 63, 654-661.	0.8	9
26	Escape tactics of two syntopic forms of the <i>Lacerta perspicillata</i> complex with different colour patterns. Canadian Journal of Zoology, 2006, 84, 1594-1603.	0.4	26
27	A genome assembly of the Atlantic chub mackerel (<i>Scomber colias</i>): a valuable teleost fishing resource. GigaByte, 0, 2022, 1-21.	0.0	3