

Ylenia Chiari

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

2,680
citations

361413
20
h-index

206112
48
g-index

59
all docs

59
docs citations

59
times ranked

4518
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative population genomics in animals uncovers the determinants of genetic diversity. <i>Nature</i> , 2014, 515, 261-263.	27.8	493
2	Comparative performance of the 16S rRNA gene in DNA barcoding of amphibians. <i>Frontiers in Zoology</i> , 2005, 2, 5.	2.0	456
3	Phylogenomic analyses support the position of turtles as the sister group of birds and crocodiles (Archosauria). <i>BMC Biology</i> , 2012, 10, 65.	3.8	296
4	Reference-free transcriptome assembly in non-model animals from next-generation sequencing data. <i>Molecular Ecology Resources</i> , 2012, 12, 834-845.	4.8	142
5	ORIGINAL ARTICLE: Freshwater paths across the ocean: molecular phylogeny of the frog <i>Ptychocheilichthys</i> newtoni gives insights into amphibian colonization of oceanic islands. <i>Journal of Biogeography</i> , 2006, 34, 7-20.	3.0	137
6	Evidence for recent gene flow between north-eastern and south-eastern Madagascan poison frogs from a phylogeography of the <i>Mantella</i> cowani group. <i>Frontiers in Zoology</i> , 2007, 4, 1.	2.0	112
7	New evidence for parallel evolution of colour patterns in Malagasy poison frogs (<i>Mantella</i>). <i>Molecular Ecology</i> , 2004, 13, 3763-3774.	3.9	96
8	Next-generation sequencing of transcriptomes: a guide to RNA isolation in nonmodel animals. <i>Molecular Ecology Resources</i> , 2011, 11, 650-661.	4.8	92
9	Giant tortoise genomes provide insights into longevity and age-related disease. <i>Nature Ecology and Evolution</i> , 2019, 3, 87-95.	7.8	79
10	Dating cryptodiran nodes: Origin and diversification of the turtle superfamily Testudinoidea. <i>Molecular Phylogenetics and Evolution</i> , 2012, 62, 496-507.	2.7	63
11	Description of a New Galapagos Giant Tortoise Species (<i>Chelonoidis</i> ; Testudines: Testudinidae) from Cerro Fatal on Santa Cruz Island. <i>PLoS ONE</i> , 2015, 10, e0138779.	2.5	54
12	The determinants of the molecular substitution process in turtles. <i>Journal of Evolutionary Biology</i> , 2013, 26, 38-50.	1.7	53
13	Functional, Phylogenetic and Host-Geographic Signatures of <i>Labyrinthula</i> spp. Provide for Putative Species Delimitation and a Global-Scale View of Seagrass Wasting Disease. <i>Estuaries and Coasts</i> , 2016, 39, 1403-1421.	2.2	39
14	Phylogeography of Sardinian Cave Salamanders (Genus <i>Hydromantes</i>) Is Mainly Determined by Geomorphology. <i>PLoS ONE</i> , 2012, 7, e32332.	2.5	37
15	Morphometrics Parallel Genetics in a Newly Discovered and Endangered Taxon of Galápagos Tortoise. <i>PLoS ONE</i> , 2009, 4, e6272.	2.5	34
16	Using digital images to reconstruct three-dimensional biological forms: a new tool for morphological studies. <i>Biological Journal of the Linnean Society</i> , 0, 95, 425-436.	1.6	32
17	Population genomics of the endangered giant Galápagos tortoise. <i>Genome Biology</i> , 2013, 14, R136.	9.6	32
18	Mitochondrial evidence for distinct phylogeographic units in the endangered Malagasy poison frog <i>Mantella bernhardi</i> . <i>Molecular Ecology</i> , 2006, 15, 1617-1625.	3.9	29

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19	Self-righting potential and the evolution of shell shape in Galápagos tortoises. <i>Scientific Reports</i> , 2017, 7, 15828.	3.3	27
20	High mitochondrial diversity within and among populations of Malagasy poison frogs. <i>Molecular Phylogenetics and Evolution</i> , 2004, 30, 295-307.	2.7	26
21	RNA extraction from sauropsids blood: evaluation and improvement of methods. <i>Amphibia - Reptilia</i> , 2011, 32, 136-139.	0.5	24
22	Phylogenetic signal in amphibian sensitivity to copper sulfate relative to experimental temperature. <i>Ecological Applications</i> , 2015, 25, 596-602.	3.8	22
23	Ecological, behavioral, and phylogenetic influences on the evolution of dorsal color pattern in geckos*. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 1033-1047.	2.3	21
24	Low genetic variability in the endangered Colombian endemic freshwater turtle <i>Podocnemis lewyana</i> (Testudines, Podocnemididae). <i>Contributions To Zoology</i> , 2007, 76, 1-7.	0.5	20
25	Mixed phylogenetic signal in fish toxicity data across chemical classes. <i>Ecological Applications</i> , 2018, 28, 605-611.	3.8	19
26	Phylogenetic relationships of Sardinian cave salamanders, genus <i>Hydromantes</i> , based on mitochondrial and nuclear DNA sequence data. <i>Molecular Phylogenetics and Evolution</i> , 2009, 51, 399-404.	2.7	18
27	Study of the carapace shape and growth in two Galápagos tortoise lineages. <i>Journal of Morphology</i> , 2011, 272, 379-386.	1.2	18
28	Molecular Evolution and Functional Divergence of the Metallothionein Gene Family in Vertebrates. <i>Journal of Molecular Evolution</i> , 2014, 78, 217-233.	1.8	17
29	Morphometric identification of individuals when there are more shape variables than reference specimens: A case study in Galápagos tortoises. <i>Comptes Rendus - Biologies</i> , 2012, 335, 62-68.	0.2	16
30	Isolating and quantifying the role of developmental noise in generating phenotypic variation. <i>PLoS Computational Biology</i> , 2019, 15, e1006943.	3.2	16
31	Amelotin: an enamel matrix protein that experienced distinct evolutionary histories in amphibians, sauropsids and mammals. <i>BMC Evolutionary Biology</i> , 2015, 15, 47.	3.2	15
32	Convergent evolution of a blood-red nectar pigment in vertebrate-pollinated flowers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	15
33	Genetic identification of units for conservation in tomato frogs, genus <i>Dyscophus</i> . <i>Conservation Genetics</i> , 2006, 7, 473-482.	1.5	10
34	Into the canyons: The phylogeography of the Malagasy frogs <i>Mantella expectata</i> and <i>Scaphiophryne gottlebei</i> in the arid Isalo Massif, and its significance for conservation (Amphibia: Mantellidae and Tj ETQq0 0 0 rgBld Overload 10 Tf 50		
35	Molecular systematics of Malagasy poison frogs in the <i>Mantella betsileo</i> and <i>M. laevigata</i> species groups. <i>Zootaxa</i> , 2007, 1501, 31-44.	0.5	9
36	Base composition, selection, and phylogenetic significance of indels in the recombination activating gene-1 in vertebrates. <i>Frontiers in Zoology</i> , 2009, 6, 32.	2.0	9

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37	On the Possible Role of tRNA Base Modifications in the Evolution of Codon Usage: Queuosine and <i>Drosophila</i> . <i>Journal of Molecular Evolution</i> , 2010, 70, 339-345.	1.8	9
38	Ecological and evolutionary influences on body size and shape in the Galápagos marine iguana (<i>Amblyrhynchus cristatus</i>). <i>Oecologia</i> , 2016, 181, 885-894.	2.0	9
39	Genetic variation of an endangered Malagasy frog, <i>Mantella cowani</i> , and its phylogeographic relationship to the widespread <i>M. baroni</i> . <i>Conservation Genetics</i> , 2006, 6, 1041-1047.	1.5	8
40	Application of the CometChip platform to assess DNA damage in field-collected blood samples from turtles. <i>Environmental and Molecular Mutagenesis</i> , 2018, 59, 322-333.	2.2	8
41	Capturing and analyzing pattern diversity: an example using the melanistic spotted patterns of leopard geckos. <i>PeerJ</i> , 2021, 9, e11829.	2.0	8
42	Elevated metallothionein expression in long-lived species mediates the influence of cadmium accumulation on aging. <i>GeroScience</i> , 2021, 43, 1975-1993.	4.6	6
43	Concurrent Evolution of Antiaging Gene Duplications and Cellular Phenotypes in Long-Lived Turtles. <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	6
44	Insights on cancer resistance in vertebrates: reptiles as a parallel system to mammals. <i>Nature Reviews Cancer</i> , 2018, 18, 525-525.	28.4	5
45	Does colour impact responses to images in geckos?. <i>Journal of Zoology</i> , 2022, 317, 138-146.	1.7	5
46	Isolation and characterization of six polymorphic microsatellite loci for the Malagasy spider tortoise, <i>Pyxis arachnoides</i> and cross-amplification in <i>Pyxis planicauda</i> . <i>Amphibia - Reptilia</i> , 2013, 34, 125-128.	0.5	4
47	Hybridization and low genetic diversity in the endangered Alabama red-bellied turtle (<i>Pseudemys</i>)	1.9	4
48	Genetic diversity of immature Kemp's ridley (<i>Lepidochelys kempii</i>) sea turtles from the northern Gulf of Mexico. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 3003-3010.	2.0	3
49	A new lineage of Galapagos giant tortoises identified from museum samples. <i>Heredity</i> , 2022, 128, 261-270.	2.6	3
50	No detection of the pathogen <i>Batrachochytrium dendrobatidis</i> in Sardinian cave salamanders, genus <i>Hydromantes</i> . <i>Amphibia - Reptilia</i> , 2013, 34, 136-141.	0.5	2
51	High haplotype diversity in a microendemic Malagasy gecko species, <i>Lygodactylus mirabilis</i> (Pasteur.)	0.5	0
52	A rare case of caudal bifurcation in a miniaturized gecko from Puerto Rico. <i>Anatomical Record</i> , 2023, 306, 688-691.	1.4	0