

Claudio Ciofi

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

2,379
citations

201674

27
h-index

233421

45
g-index

78
all docs

78
docs citations

78
times ranked

2864
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Genetic divergence and units for conservation in the Komodo dragon <i>Varanus komodoensis</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 2269-2274. | 2.6 | 177 |
| 2 | Parthenogenesis in Komodo dragons. <i>Nature</i> , 2006, 444, 1021-1022. | 27.8 | 176 |
| 3 | The era of reference genomes in conservation genomics. <i>Trends in Ecology and Evolution</i> , 2022, 37, 197-202. | 8.7 | 138 |
| 4 | Transcriptome sequencing and microarray development for the Manila clam, <i>Ruditapes philippinarum</i> : genomic tools for environmental monitoring. <i>BMC Genomics</i> , 2011, 12, 234. | 2.8 | 120 |
| 5 | Microsatellite analysis of genetic divergence among populations of giant Galápagos tortoises. <i>Molecular Ecology</i> , 2008, 11, 2265-2283. | 3.9 | 88 |
| 6 | Historical DNA analysis reveals living descendants of an extinct species of Galápagos tortoise. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15464-15469. | 7.1 | 79 |
| 7 | Giant tortoise genomes provide insights into longevity and age-related disease. <i>Nature Ecology and Evolution</i> , 2019, 3, 87-95. | 7.8 | 79 |
| 8 | Maximum body size among insular Komodo dragon populations covaries with large prey density. <i>Oikos</i> , 2006, 112, 422-429. | 2.7 | 76 |
| 9 | Title is missing!. <i>Conservation Genetics</i> , 2003, 4, 31-46. | 1.5 | 75 |
| 10 | Genes Record a Prehistoric Volcano Eruption in the Galapagos. <i>Science</i> , 2003, 302, 75-75. | 12.6 | 69 |
| 11 | Genome of the Komodo dragon reveals adaptations in the cardiovascular and chemosensory systems of monitor lizards. <i>Nature Ecology and Evolution</i> , 2019, 3, 1241-1252. | 7.8 | 67 |
| 12 | Genetic structure and gene flow among Komodo dragon populations inferred by microsatellite loci analysis. <i>Molecular Ecology</i> , 1999, 8, S17-S30. | 3.9 | 65 |
| 13 | Lineage fusion in <i>Geochelone</i> Galápagos giant tortoises. <i>Molecular Ecology</i> , 2014, 23, 5276-5290. | 3.9 | 59 |
| 14 | Conserved sex chromosomes and karyotype evolution in monitor lizards (Varanidae). <i>Heredity</i> , 2019, 123, 215-227. | 2.6 | 48 |
| 15 | Environmental sex determination in reptiles. <i>Applied Animal Behaviour Science</i> , 1997, 51, 251-265. | 1.9 | 46 |
| 16 | Genetic rediscovery of an "extinct" Galápagos giant tortoise species. <i>Current Biology</i> , 2012, 22, R10-R11. | 3.9 | 46 |
| 17 | When the Rule Becomes the Exception. No Evidence of Gene Flow between Two <i>Zerynthia</i> Cryptic Butterflies Suggests the Emergence of a New Model Group. <i>PLoS ONE</i> , 2013, 8, e65746. | 2.5 | 44 |
| 18 | The Komodo Dragon. <i>Scientific American</i> , 1999, 280, 84-91. | 1.0 | 42 |

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|----|--|-----|-----------|
| 19 | Phylogeographic History and Gene Flow Among Giant Galápagos Tortoises on Southern Isabela Island. <i>Genetics</i> , 2006, 172, 1727-1744. | 2.9 | 40 |
| 20 | Life-History and Spatial Determinants of Somatic Growth Dynamics in Komodo Dragon Populations. <i>PLoS ONE</i> , 2012, 7, e45398. | 2.5 | 39 |
| 21 | The Rules of Aggression: How Genetic, Chemical and Spatial Factors Affect Intercolony Fights in a Dominant Species, the Mediterranean Acrobat Ant <i>Crematogaster scutellaris</i> . <i>PLoS ONE</i> , 2015, 10, e0137919. | 2.5 | 36 |
| 22 | Can Camera Traps Monitor Komodo Dragons a Large Ectothermic Predator?. <i>PLoS ONE</i> , 2013, 8, e58800. | 2.5 | 33 |
| 23 | Demographic status of Komodo dragons populations in Komodo National Park. <i>Biological Conservation</i> , 2014, 171, 29-35. | 4.1 | 33 |
| 24 | Exploring the effects of seasonality and chemical pollution on the hepatopancreas transcriptome of the <i>Mytilus</i> clam. <i>Molecular Ecology</i> , 2013, 22, 2157-2172. | 3.9 | 32 |
| 25 | Population genetic structure of common bottlenose dolphins (<i>Tursiops truncatus</i>) in the Adriatic Sea and contiguous regions: implications for international conservation. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2015, 25, 212-222. | 2.0 | 32 |
| 26 | Island differences in population size structure and catch per unit effort and their conservation implications for Komodo dragons. <i>Biological Conservation</i> , 2007, 135, 247-255. | 4.1 | 30 |
| 27 | Numerical dispersal simulations and genetics help explain the origin of hawksbill sea turtles in Ascension Island. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 450, 98-108. | 1.5 | 29 |
| 28 | Ecological allometries and niche use dynamics across Komodo dragon ontogeny. <i>Die Naturwissenschaften</i> , 2016, 103, 27. | 1.6 | 29 |
| 29 | Stable isotope analysis of trophic niche in two co-occurring native and invasive terrapins, <i>Emys orbicularis</i> and <i>Trachemys scripta elegans</i> . <i>Biological Invasions</i> , 2016, 18, 3611-3621. | 2.4 | 29 |
| 30 | The origin of captive Galápagos tortoises based on DNA analysis: implications for the management of natural populations. <i>Animal Conservation</i> , 2003, 6, 329-337. | 2.9 | 28 |
| 31 | Are the native giant tortoises from the Seychelles really extinct? A genetic perspective based on mtDNA and microsatellite data. <i>Molecular Ecology</i> , 2003, 12, 1403-1413. | 3.9 | 28 |
| 32 | Theory, practice, and conservation in the age of genomics: The Galápagos giant tortoise as a case study. <i>Evolutionary Applications</i> , 2018, 11, 1084-1093. | 3.1 | 28 |
| 33 | Identification of Genetically Important Individuals of the Rediscovered Floreana Galápagos Giant Tortoise (<i>Chelonoidis elephantopus</i>) Provides Founders for Species Restoration Program. <i>Scientific Reports</i> , 2017, 7, 11471. | 3.3 | 27 |
| 34 | A first estimate of sea turtle bycatch in the industrial trawling fishery of Gabon. <i>Biodiversity and Conservation</i> , 2017, 26, 2421-2433. | 2.6 | 25 |
| 35 | Host-microbiota interactions shed light on mortality events in the striped venus clam <i>Chamelea gallina</i> . <i>Molecular Ecology</i> , 2019, 28, 4486-4499. | 3.9 | 25 |
| 36 | Evaluation of three field monitoring-density estimation protocols and their relevance to Komodo dragon conservation. <i>Biodiversity and Conservation</i> , 2014, 23, 2473-2490. | 2.6 | 23 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Preliminary Analysis of Home Range Structure in the Komodo Monitor, <i>Varanus Komodoensis</i> . <i>Copeia</i> , 2007, 2007, 462-470. | 1.3 | 22 |
| 38 | Characterization of 13 polymorphic microsatellite loci in the European pine marten <i>Martes martes</i> . <i>Conservation Genetics Resources</i> , 2010, 2, 397-399. | 0.8 | 20 |
| 39 | Evaluating environmental, demographic and genetic effects on population-level survival in an island endemic. <i>Ecography</i> , 2015, 38, 1060-1070. | 4.5 | 19 |
| 40 | Analysis of Homing Pattern in the Colubrid Snake <i>Coluber viridiflavus</i> . <i>Journal of Herpetology</i> , 1994, 28, 477. | 0.5 | 18 |
| 41 | Exploring mechanisms and origins of reduced dispersal in island Komodo dragons. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181829. | 2.6 | 18 |
| 42 | Conservation of <i>Varanus komodoensis</i> in the Waewuul nature reserve, Flores, Indonesia: a multidisciplinary approach. <i>International Zoo Yearbook</i> , 2015, 49, 67-80. | 0.9 | 17 |
| 43 | Temporal and spatial dynamics of insular Rusa deer and wild pig populations in Komodo National Park. <i>Journal of Mammalogy</i> , 2016, 97, 1652-1662. | 1.3 | 16 |
| 44 | Development of a multiplex PCR assay for fine-scale population genetic analysis of the Komodo monitor <i>Varanus komodoensis</i> based on 18 polymorphic microsatellite loci. <i>Molecular Ecology Resources</i> , 2011, 11, 550-556. | 4.8 | 15 |
| 45 | A comprehensive mitochondrial DNA mixed-stock analysis clarifies the composition of loggerhead turtle aggregates in the Adriatic Sea. <i>Marine Biology</i> , 2018, 165, 1. | 1.5 | 15 |
| 46 | Detection of an East European wolf haplotype puzzles mitochondrial DNA monomorphism of the Italian wolf population. <i>Mammalian Biology</i> , 2013, 78, 374-378. | 1.5 | 14 |
| 47 | Bridging the Gap between Vertebrate Cytogenetics and Genomics with Single-Chromosome Sequencing (ChromSeq). <i>Genes</i> , 2021, 12, 124. | 2.4 | 13 |
| 48 | Characterization of microsatellite loci in the European pond turtle <i>Emys orbicularis</i> . <i>Molecular Ecology Resources</i> , 2009, 9, 189-191. | 4.8 | 12 |
| 49 | Population Genetic Structure of Aldabra Giant Tortoises. <i>Journal of Heredity</i> , 2011, 102, 29-37. | 2.4 | 12 |
| 50 | Application of molecular genetics and geometric morphometrics to taxonomy and conservation of cave beetles in central Italy. <i>Journal of Insect Conservation</i> , 2013, 17, 921-932. | 1.4 | 11 |
| 51 | Genetic Pedigree Analysis of the Pilot Breeding Program for the Rediscovered Galapagos Giant Tortoise from Floreana Island. <i>Journal of Heredity</i> , 2018, 109, 620-630. | 2.4 | 11 |
| 52 | Population structure, genomic diversity and demographic history of Komodo dragons inferred from whole-genome sequencing. <i>Molecular Ecology</i> , 2021, 30, 6309-6324. | 3.9 | 11 |
| 53 | Isolating Chromosomes of the Komodo Dragon: New Tools for Comparative Mapping and Sequence Assembly. <i>Cytogenetic and Genome Research</i> , 2019, 157, 123-131. | 1.1 | 9 |
| 54 | Identifying island safe havens to prevent the extinction of the World's largest lizard from global warming. <i>Ecology and Evolution</i> , 2020, 10, 10492-10507. | 1.9 | 9 |

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|----|---|-----|-----------|
| 55 | Human activities associated with reduced Komodo dragon habitat use and range loss on Flores. Biodiversity and Conservation, 2021, 30, 461-479. | 2.6 | 9 |
| 56 | Effects of human activities on Komodo dragons in Komodo National Park. Biodiversity and Conservation, 2018, 27, 3329-3347. | 2.6 | 8 |
| 57 | Serpentine soils affect heavy metal tolerance but not genetic diversity in a common Mediterranean ant. Chemosphere, 2017, 180, 326-334. | 8.2 | 7 |
| 58 | Characterization of polymorphic microsatellite loci in the ant <i>Crematogaster scutellaris</i> . Conservation Genetics Resources, 2009, 1, 425-428. | 0.8 | 6 |
| 59 | Assessment of seasonal variation of diet composition in rodents using DNA barcoding and Real-Time PCR. Scientific Reports, 2019, 9, 14124. | 3.3 | 6 |
| 60 | Long-lasting effects of chronic exposure to chemical pollution on the hologenome of the Manila clam. Evolutionary Applications, 2021, 14, 2864-2880. | 3.1 | 6 |
| 61 | Genetics and conservation on islands: the Galapagos giant tortoise as a case study. , 2001, , 269-293. | | 5 |
| 62 | Invasive toxic prey may imperil the survival of an iconic giant lizard, the Komodo dragon.. Pacific Conservation Biology, 2014, 20, 363. | 1.0 | 5 |
| 63 | Assessment of rodenticide resistance, eradication units, and pathogen prevalence in black rat populations from a Mediterranean biodiversity hotspot (Pontine Archipelago). Biological Invasions, 2020, 22, 1379-1395. | 2.4 | 5 |
| 64 | Insights into Emydid Turtle Cytogenetics: The European Pond Turtle as a Model Species. Cytogenetic and Genome Research, 2019, 157, 166-171. | 1.1 | 4 |
| 65 | Assessment of environmental and host dependent factors correlated with tick abundance on Komodo dragons. Australian Zoologist, 2010, 35, 265-275. | 1.1 | 3 |
| 66 | Characterization of nine microsatellite loci in the European polecat <i>Mustela putorius</i> . Conservation Genetics Resources, 2012, 4, 901-903. | 0.8 | 2 |
| 67 | Development of microsatellites for the genus <i>Salamandrina</i> : A tool to discriminate between northern and southern spectacled salamanders (<i>Salamandrina perspicillata</i> and <i>Salamandrina terdigitata</i>) and their hybrids. Biochemical Systematics and Ecology, 2015, 63, 170-173. | 1.3 | 2 |
| 68 | Mating frequency and colony genetic structure analyses reveal unexpected polygyny in the Mediterranean acrobat ant <i>Crematogaster scutellaris</i> . Ethology Ecology and Evolution, 2020, 32, 122-134. | 1.4 | 2 |
| 69 | Prey Preferences and Body Mass Most Influence Movement Behavior and Home Range Area of Komodo Dragons. Ichthyology and Herpetology, 2021, 109, . | 0.8 | 2 |
| 70 | Patterns of gene flow along linear habitats: population genetics of the European pond turtle (<i>Emys</i>) | 1.6 | 1 |
| 71 | Insights into the Nesting Ecology and Annual Hatchling Production of the Komodo Dragon. Copeia, 2020, 108, . | 1.3 | 1 |
| 72 | Abundance and genetic diversity responses of a lizard (<i>Eulamprus heatwolei</i>) to logging disturbance. Australian Journal of Zoology, 2017, 65, 362. | 1.0 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Relatedness within and between leks of golden-collared manakin differ between sexes and age classes. Behavioral Ecology, 2018, , . | 2.2 | 0 |