

Eduardo Eizirik

List of Publications by Year in descending order

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112
papers

10,227
citations

81900

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37204

96
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117
all docs

117
docs citations

117
times ranked

9603
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-genome sequences shed light on the demographic history and contemporary genetic erosion of free-ranging jaguar (<i>Panthera onca</i>) populations. <i>Journal of Genetics and Genomics</i> , 2022, 49, 77-80.	3.9	4
2	Genomic Signatures of Divergent Ecological Strategies in a Recent Radiation of Neotropical Wild Cats. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	3
3	Phylogenomics of the world's otters. <i>Current Biology</i> , 2022, 32, 3650-3658.e4.	3.9	14
4	Genetics and Evolution of Mammalian Coat Pigmentation. <i>Annual Review of Animal Biosciences</i> , 2021, 9, 125-148.	7.4	13
5	The role of the environment in the spatial dynamics of an extensive hybrid zone between two neotropical cats. <i>Journal of Evolutionary Biology</i> , 2021, 34, 614-627.	1.7	19
6	Integrating morphology and DNA barcoding to assess cetacean diversity in Brazil. <i>Mammal Research</i> , 2021, 66, 349-369.	1.3	7
7	Animal Pigmentation Genetics in Ecology, Evolution, and Domestication. <i>Journal of Heredity</i> , 2021, 112, 393-394.	2.4	0
8	Genome-Wide SNPs Clarify a Complex Radiation and Support Recognition of an Additional Cat Species. <i>Molecular Biology and Evolution</i> , 2021, 38, 4987-4991.	8.9	6
9	Jaguars from the Brazilian Pantanal: Low genetic structure, male-biased dispersal, and implications for long-term conservation. <i>Biological Conservation</i> , 2021, 259, 109153.	4.1	13
10	High extinction risk and limited habitat connectivity of <i>Muñia</i> 's pampas cat, an endemic felid of the Uruguayan Savanna ecoregion. <i>Journal for Nature Conservation</i> , 2021, 62, 126009.	1.8	10
11	Broad tiger stripes in a small habitat patch. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2114685118.	7.1	0
12	Distinct deep subsurface microbial communities in two sandstone units separated by a mudstone layer. <i>Geosciences Journal</i> , 2020, 24, 267-274.	1.2	3
13	Genomic Adaptations and Evolutionary History of the Extinct Scimitar-Toothed Cat, <i>Homotherium latidens</i> . <i>Current Biology</i> , 2020, 30, 5018-5025.e5.	3.9	34
14	NEOTROPICAL CARNIVORES: a data set on carnivore distribution in the Neotropics. <i>Ecology</i> , 2020, 101, e03128.	3.2	26
15	Genome-wide analyses reveal drivers of penguin diversification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 22303-22310.	7.1	47
16	The evolutionary history of extinct and living lions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10927-10934.	7.1	70
17	Margay (<i>Leopardus wiedii</i>) in the southernmost Atlantic Forest: Density and activity patterns under different levels of anthropogenic disturbance. <i>PLoS ONE</i> , 2020, 15, e0232013.	2.5	18
18	Remarkably Complex Microbial Community Composition in Bromeliad Tank Waters Revealed by eDNA Metabarcoding. <i>Journal of Eukaryotic Microbiology</i> , 2020, 67, 593-607.	1.7	3

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19	Trends in cheetah <i>Acinonyx jubatus</i> density in north-central Namibia. <i>Population Ecology</i> , 2020, 62, 233-243.	1.2	14
20	Large-scale assessment of genetic diversity and population connectivity of Amazonian jaguars (<i>Panthera onca</i>) provides a baseline for their conservation and monitoring in fragmented landscapes. <i>Biological Conservation</i> , 2020, 242, 108417.	4.1	16
21	Seasonal Physiological Parameters and Phytotelmata Bacterial Diversity of Two Bromeliad Species (<i>Aechmea gamosepala</i> and <i>Vriesea platynema</i>) from the Atlantic Forest of Southern Brazil. <i>Diversity</i> , 2019, 11, 111.	1.7	11
22	Density and spatio-temporal behaviour of Geoffroy's cats in a human-dominated landscape of southern Brazil. <i>Mammalian Biology</i> , 2019, 99, 128-135.	1.5	6
23	Puma genomes from North and South America provide insights into the genomic consequences of inbreeding. <i>Nature Communications</i> , 2019, 10, 4769.	12.8	55
24	Recombination-Aware Phylogenomics Reveals the Structured Genomic Landscape of Hybridizing Cat Species. <i>Molecular Biology and Evolution</i> , 2019, 36, 2111-2126.	8.9	98
25	Melanism evolution in the cat family is influenced by intraspecific communication under low visibility. <i>PLoS ONE</i> , 2019, 14, e0226136.	2.5	18
26	Using reliable predator identification to investigate feeding habits of Neotropical carnivores (Mammalia, Carnivora) in a deforestation frontier of the Brazilian Amazon. <i>Mammalia</i> , 2019, 83, 415-427.	0.7	10
27	Worrisome isolation: noninvasive genetic analyses shed light on the critical status of a remnant jaguar population. <i>Journal of Mammalogy</i> , 2018, 99, 397-407.	1.3	21
28	Geographic distribution modeling of the margay (<i>Leopardus wiedii</i>) and jaguarundi (<i>Puma</i>) in southern Brazil. <i>Journal of Biogeography</i> , 2018, 45, 382-392.	1.3	22
29	Microbial diversity from chlorophyll maximum, oxygen minimum and bottom zones in the southwestern Atlantic Ocean. <i>Journal of Marine Systems</i> , 2018, 178, 52-61.	2.1	13
30	The coming of age of conservation genetics in Latin America: what has been achieved and what needs to be done. <i>Conservation Genetics</i> , 2018, 19, 1-15.	1.5	38
31	Microbiota associated with tubes of <i>Escarpia</i> sp. from cold seeps in the southwestern Atlantic Ocean constitutes a community distinct from that of surrounding marine sediment and water. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 533-550.	1.7	21
32	Description of Two New Species of the Genus <i>Vorticella</i> (Ciliophora: Peritrichia) Epibionts on <i>Pomacea canaliculata</i> (Mollusca: Ampullariidae: Gastropoda) in Southern Brazil. <i>Zootaxa</i> , 2018, 4508, 211.	0.5	0
33	BRAZIL ROADKILL: a data set of wildlife terrestrial vertebrate roadkills. <i>Ecology</i> , 2018, 99, 2625-2625.	3.2	40
34	Phylogeographic analyses of the pampas cat (<i>Leopardus colocola</i> ; Carnivora, Felidae) reveal a complex demographic history. <i>Genetics and Molecular Biology</i> , 2018, 41, 273-287.	1.3	15
35	Spatial organization and social dynamics of Geoffroy's cat in the Brazilian pampas. <i>Journal of Mammalogy</i> , 2018, 99, 859-873.	1.3	7
36	Multiple methods increase detection of large and medium-sized mammals: working with volunteers in south-eastern Oman. <i>Oryx</i> , 2017, 51, 290-297.	1.0	7

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37	Characterization of ciliate diversity in bromeliad tank waters from the Brazilian Atlantic Forest. <i>European Journal of Protistology</i> , 2017, 61, 359-365.	1.5	15
38	Genome-wide signatures of complex introgression and adaptive evolution in the big cats. <i>Science Advances</i> , 2017, 3, e1700299.	10.3	142
39	Waking the undead: Implications of a soft explosive model for the timing of placental mammal diversification. <i>Molecular Phylogenetics and Evolution</i> , 2017, 106, 86-102.	2.7	45
40	Mapping black panthers: Macroecological modeling of melanism in leopards (<i>Panthera pardus</i>). <i>PLoS ONE</i> , 2017, 12, e0170378.	2.5	35
41	Molecular assessment of the phylogeny and biogeography of a recently diversified endemic group of South American canids (Mammalia: Carnivora: Canidae). <i>Genetics and Molecular Biology</i> , 2016, 39, 442-451.	1.3	16
42	Response to Comment by Faurby, Werdelin and Svenning. <i>Genome Biology</i> , 2016, 17, 90.	8.8	2
43	Biogeography of polymorphic phenotypes: Mapping and ecological modelling of coat colour variants in an elusive Neotropical cat, the jaguarundi (<i>Puma yagouaroundi</i>). <i>Journal of Zoology</i> , 2016, 299, 295-303.	1.7	34
44	Refined assessment of the geographic distribution of Geoffroy's cat (<i>Leopardus geoffroyi</i>) (Mammalia: Felidae) in the Neotropics. <i>Journal of Zoology</i> , 2016, 298, 285-292.	1.7	20
45	<i>Epistylis portoalegrensis</i> n. sp. (Ciliophora, Peritrichia): A New Freshwater Ciliate Species from Southern Brazil. <i>Journal of Eukaryotic Microbiology</i> , 2016, 63, 93-99.	1.7	15
46	A biodiversity hotspot losing its top predator: The challenge of jaguar conservation in the Atlantic Forest of South America. <i>Scientific Reports</i> , 2016, 6, 37147.	3.3	108
47	Phylogenomic evidence for ancient hybridization in the genomes of living cats (Felidae). <i>Genome Research</i> , 2016, 26, 1-11.	5.5	254
48	Discovery of a chemosynthesis-based community in the western South Atlantic Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 112, 45-56.	1.4	34
49	Lack of Population Genetic Structuring in Ocelots (<i>Leopardus pardalis</i>) in a Fragmented Landscape. <i>Diversity</i> , 2015, 7, 295-306.	1.7	7
50	Genomic legacy of the African cheetah, <i>Acinonyx jubatus</i> . <i>Genome Biology</i> , 2015, 16, 277.	8.8	167
51	Recurrent Evolution of Melanism in South American Felids. <i>PLoS Genetics</i> , 2015, 11, e1004892.	3.5	36
52	Identification and characterization of diverse groups of endogenous retroviruses in felids. <i>Retrovirology</i> , 2015, 12, 26.	2.0	6
53	Population Genetics of Jaguars (<i>Panthera onca</i>) in the Brazilian Pantanal: Molecular Evidence for Demographic Connectivity on a Regional Scale. <i>Journal of Heredity</i> , 2015, 106, 503-511.	2.4	14
54	Endogenous Retrovirus Insertion in the <i>KIT</i> Oncogene Determines White and White spotting in Domestic Cats. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 1881-1891.	1.8	66

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55	Comparative Assessment of Genetic and Morphological Variation at an Extensive Hybrid Zone between Two Wild Cats in Southern Brazil. PLoS ONE, 2014, 9, e108469.	2.5	26
56	Atlantic Rainforest's Jaguars in Decline. Science, 2013, 342, 930-930.	12.6	43
57	Molecular Data Reveal Complex Hybridization and a Cryptic Species of Neotropical Wild Cat. Current Biology, 2013, 23, 2528-2533.	3.9	106
58	Taxonomic revision of the genus <i>Galictis</i> (Carnivora: Mustelidae): species delimitation, morphological diagnosis, and refined mapping of geographical distribution. Zoological Journal of the Linnean Society, 2013, 167, 449-472.	2.3	31
59	Geographic distribution and food habits of <i>Leopardus tigrinus</i> and <i>L. geoffroyi</i> (Carnivora, Felidae). Environment, 2013, 48, 56-67.	1.0	23
60	Molecular ecology of the Neotropical otter (<i>Lontra longicaudis</i>): non-invasive sampling yields insights into local population dynamics. Biological Journal of the Linnean Society, 2013, 109, 932-948.	1.6	27
61	Molecular evidence for a recent demographic expansion in the puma (<i>Puma concolor</i>) (Mammalia, Felidae). Tj ETQq1 1 0.784314 rgBT /Overlock	1.3	16
62	Response to Comment on "Impacts of the Cretaceous Terrestrial Revolution and KPg Extinction on Mammal Diversification". Science, 2012, 337, 34-34.	12.6	2
63	Phylogeography and Demographic History of the Neotropical Otter (<i>Lontra longicaudis</i>). Journal of Heredity, 2012, 103, 479-492.	2.4	22
64	Specifying and Sustaining Pigmentation Patterns in Domestic and Wild Cats. Science, 2012, 337, 1536-1541.	12.6	110
65	DNA barcoding meets molecular scatology: short mtDNA sequences for standardized species assignment of carnivore noninvasive samples. Molecular Ecology Resources, 2012, 12, 18-35.	4.8	71
66	How the Leopard Hides Its Spots: ASIP Mutations and Melanism in Wild Cats. PLoS ONE, 2012, 7, e50386.	2.5	51
67	Molecular sexing of Neotropical otter (<i>Lontra longicaudis</i>) noninvasive samples. Conservation Genetics Resources, 2012, 4, 575-577.	0.8	2
68	A Molecular View on the Evolutionary History and Biogeography of Neotropical Carnivores (Mammalia, Carnivora). , 2012, , 123-142.		29
69	The genus <i>Rhagomys</i> (Thomas 1917) (Rodentia, Cricetidae, Sigmodontinae) in South America: morphological considerations, geographic distribution and zoogeographic comments. Mammalia, 2011, 75, .	0.7	11
70	Successful carnivore identification with faecal DNA across a fragmented Amazonian landscape. Molecular Ecology Resources, 2011, 11, 862-871.	4.8	29
71	Impacts of the Cretaceous Terrestrial Revolution and KPg Extinction on Mammal Diversification. Science, 2011, 334, 521-524.	12.6	1,264
72	Conservation genetics of maned wolves in a highly impacted area of the Brazilian Cerrado biome. Genetica, 2011, 139, 369-381.	1.1	11

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73	Toward Innovative Integrated Approaches for the Conservation of Mammals. <i>Natureza A Conservacao</i> , 2011, 9, 1-6.	2.5	7
74	Molecular tracking of jaguar melanism using faecal DNA. <i>Conservation Genetics</i> , 2010, 11, 1239-1242.	1.5	6
75	Pattern and timing of diversification of the mammalian order Carnivora inferred from multiple nuclear gene sequences. <i>Molecular Phylogenetics and Evolution</i> , 2010, 56, 49-63.	2.7	206
76	Near fixation of melanism in leopards of the Malay Peninsula. <i>Journal of Zoology</i> , 2010, 282, 201-206.	1.7	28
77	Expanded Phylogenetic Representation of Genera <i>Opercularia</i> and <i>Epistylis</i> Sheds Light on the Evolution and Higher-Level Taxonomy of Peritrich Ciliates (Ciliophora: Peritrichia). <i>Journal of Eukaryotic Microbiology</i> , 2010, 57, 415-420.	1.7	33
78	The effect of habitat fragmentation on the genetic structure of a top predator: loss of diversity and high differentiation among remnant populations of Atlantic Forest jaguars (<i>Panthera onca</i>). <i>Molecular Ecology</i> , 2010, 19, 4906-4921.	3.9	162
79	Defining and Mapping Mammalian Coat Pattern Genes: Multiple Genomic Regions Implicated in Domestic Cat Stripes and Spots. <i>Genetics</i> , 2010, 184, 267-275.	2.9	47
80	A Domestic cat X Chromosome Linkage Map and the Sex-Linked <i>orange</i> Locus: Mapping of <i>orange</i> , Multiple Origins and Epistasis Over <i>nonagouti</i> . <i>Genetics</i> , 2009, 181, 1415-1425.	2.9	30
81	Mapping of the Domestic Cat <i>SILVER</i> Coat Color Locus Identifies a Unique Genomic Location for Silver in Mammals. <i>Journal of Heredity</i> , 2009, 100, S8-S13.	2.4	10
82	Development and testing of an optimized method for DNA-based identification of jaguar (<i>Panthera</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 2009, 136, 505-512.	1.1	41
83	An autosomal genetic linkage map of the domestic cat, <i>Felis silvestris catus</i> . <i>Genomics</i> , 2009, 93, 305-313.	2.9	36
84	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 May 2009–31 July 2009. <i>Molecular Ecology Resources</i> , 2009, 9, 1460-1466.	4.8	128
85	Inter-species hybridization among Neotropical cats of the genus <i>Leopardus</i> , and evidence for an introgressive hybrid zone between <i>L. geoffroyi</i> and <i>L. tigrinus</i> in southern Brazil. <i>Molecular Ecology</i> , 2008, 17, 4317-4333.	3.9	83
86	Mapping the evolutionary twilight zone: molecular markers, populations and geography. <i>Journal of Biogeography</i> , 2008, 35, 753-763.	3.0	61
87	Morphology and Placental Mammal Phylogeny. <i>Systematic Biology</i> , 2008, 57, 499-503.	5.6	21
88	Cross-amplification and characterization of 13 tetranucleotide microsatellites in multiple species of Neotropical canids. <i>Molecular Ecology Resources</i> , 2008, 8, 898-900.	4.8	8
89	The Adequacy of Morphology for Reconstructing the Early History of Placental Mammals. <i>Systematic Biology</i> , 2007, 56, 673-684.	5.6	107
90	Four Independent Mutations in the Feline Fibroblast Growth Factor 5 Gene Determine the Long-Haired Phenotype in Domestic Cats. <i>Journal of Heredity</i> , 2007, 98, 555-566.	2.4	71

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91	Genetic diversity of the Neotropical otter (<i>Lontra longicaudis</i> Olfers, 1818) in Southern and Southeastern Brazil. <i>Brazilian Journal of Biology</i> , 2007, 67, 813-818.	0.9	17
92	Phylogeny of the Procyonidae (Mammalia: Carnivora): Molecules, morphology and the Great American Interchange. <i>Molecular Phylogenetics and Evolution</i> , 2007, 43, 1076-1095.	2.7	116
93	Molecular Phylogenetics of Subclass Peritrichia (Ciliophora: Oligohymenophorea) Based on Expanded Analyses of 18S rRNA Sequences. <i>Journal of Eukaryotic Microbiology</i> , 2007, 54, 303-305.	1.7	43
94	A homozygous single-base deletion in MLPH causes the dilute coat color phenotype in the domestic cat. <i>Genomics</i> , 2006, 88, 698-705.	2.9	89
95	Paternity testing and behavioral ecology: a case study of jaguars (<i>Panthera onca</i>) in Emas National Park, Central Brazil. <i>Genetics and Molecular Biology</i> , 2006, 29, 735-740.	1.3	21
96	Phylogeography and population history of the crab-eating fox (<i>Cerdocyon thous</i>). <i>Molecular Ecology</i> , 2006, 16, 819-838.	3.9	69
97	Molecular systematics of the Hyaenidae: Relationships of a relictual lineage resolved by a molecular supermatrix. <i>Molecular Phylogenetics and Evolution</i> , 2006, 38, 603-620.	2.7	92
98	The Late Miocene Radiation of Modern Felidae: A Genetic Assessment. <i>Science</i> , 2006, 311, 73-77.	12.6	596
99	Tyrosinase and Tyrosinase Related Protein 1 Alleles Specify Domestic Cat Coat Color Phenotypes of the albino and brown Loci. <i>Journal of Heredity</i> , 2005, 96, 289-301.	2.4	90
100	Mesozoic origin for West Indian insectivores. <i>Nature</i> , 2004, 429, 649-651.	27.8	149
101	Molecular Phylogeny and Dating of Early Primate Divergences. , 2004, , 45-64.		30
102	Molecular Genetics and Evolution of Melanism in the Cat Family. <i>Current Biology</i> , 2003, 13, 448-453.	3.9	274
103	Placental mammal diversification and the Cretaceous-Tertiary boundary. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 1056-1061.	7.1	767
104	Resolution of the Early Placental Mammal Radiation Using Bayesian Phylogenetics. <i>Science</i> , 2001, 294, 2348-2351.	12.6	1,215
105	Structure and patterns of sequence variation in the mitochondrial DNA control region of the great cats. <i>Mitochondrion</i> , 2001, 1, 279-292.	3.4	46
106	Phylogeography, population history and conservation genetics of jaguars (<i>Panthera onca</i> , Mammalia,) Tj ETQq0 0 0,rgBT /Overlock 10 Tf	3.9	179
107	Molecular phylogenetics and the origins of placental mammals. <i>Nature</i> , 2001, 409, 614-618.	27.8	1,292
108	Molecular Dating and Biogeography of the Early Placental Mammal Radiation. , 2001, 92, 212-219.		198

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109	GENOMICS: On Choosing Mammalian Genomes for Sequencing. <i>Science</i> , 2001, 292, 2264-2266.	12.6	45
110	Disparate phylogeographic patterns of molecular genetic variation in four closely related South American small cat species. <i>Molecular Ecology</i> , 1999, 8, S79-S94.	3.9	69
111	Phylogeographic Patterns and Evolution of the Mitochondrial DNA Control Region in Two Neotropical Cats (Mammalia, Felidae). <i>Journal of Molecular Evolution</i> , 1998, 47, 613-624.	1.8	87

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