

Cristina Y Miyaki

List of Publications by Year in descending order

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91
papers

5,625
citations

136885

32
h-index

85498

71
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93
all docs

93
docs citations

93
times ranked

4875
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of the genomes of two <i>Xanthomonas</i> pathogens with differing host specificities. <i>Nature</i> , 2002, 417, 459-463.	13.7	1,074
2	The genome sequence of the plant pathogen <i>Xylella fastidiosa</i> . <i>Nature</i> , 2000, 406, 151-157.	13.7	827
3	A palaeobiogeographic model for biotic diversification within Amazonia over the past three million years. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 681-689.	1.2	340
4	Comparative Analyses of the Complete Genome Sequences of Pierce's Disease and Citrus Variegated Chlorosis Strains of <i>Xylella fastidiosa</i> . <i>Journal of Bacteriology</i> , 2003, 185, 1018-1026.	1.0	307
5	Connections between the Atlantic and the Amazonian forest avifaunas represent distinct historical events. <i>Journal of Ornithology</i> , 2013, 154, 41-50.	0.5	205
6	Nuclear and mitochondrial phylogeography of the Atlantic forest endemic <i>Xiphorhynchus fuscus</i> (Aves: Dendrocolaptidae): Biogeography and systematics implications. <i>Molecular Phylogenetics and Evolution</i> , 2008, 49, 760-773.	1.2	136
7	The assembly of montane biotas: linking Andean tectonics and climatic oscillations to independent regimes of diversification in <i>Pionus</i> parrots. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 2399-2408.	1.2	135
8	Phylogeography of <i>Xiphorhynchus fuscus</i> (Passeriformes, Dendrocolaptidae): vicariance and recent demographic expansion in southern Atlantic forest. <i>Biological Journal of the Linnean Society</i> , 2007, 91, 73-84.	0.7	120
9	The Genome Sequence of the Gram-Positive Sugarcane Pathogen <i>Leifsonia xyli</i> subsp. <i>xyli</i> . <i>Molecular Plant-Microbe Interactions</i> , 2004, 17, 827-836.	1.4	119
10	Phylogenetic Relationships and Historical Biogeography of Neotropical Parrots (Psittaciformes: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38 55, 454-470.	2.7	108
11	Parrot Evolution and Paleogeographical Events: Mitochondrial DNA Evidence. <i>Molecular Biology and Evolution</i> , 1998, 15, 544-551.	3.5	97
12	Historical biogeography and diversification within the Neotropical parrot genus <i>Pionopsitta</i> (Aves: Psittacidae). <i>Journal of Biogeography</i> , 2005, 32, 1409-1427.	1.4	93
13	Effects of Pleistocene climate changes on species ranges and evolutionary processes in the Neotropical Atlantic Forest. <i>Biological Journal of the Linnean Society</i> , 2016, 119, 856-872.	0.7	91
14	Multilocus tests of Pleistocene refugia and ancient divergence in a pair of Atlantic forest antbirds (<i>Myciarchus</i>). <i>Molecular Ecology</i> , 2013, 22, 3996-4013.	2.0	85
15	Phylogeny and comparative phylogeography of <i>Sclerurus</i> (Aves: Furnariidae) reveal constant and cryptic diversification in an old radiation of rain forest understory specialists. <i>Journal of Biogeography</i> , 2013, 40, 37-49.	1.4	84
16	The genetic effects of Late Quaternary climatic changes over a tropical latitudinal gradient: diversification of an Atlantic Forest passerine. <i>Molecular Ecology</i> , 2011, 20, 1923-1935.	2.0	83
17	Phylogeography of an Atlantic forest passerine reveals demographic stability through the last glacial maximum. <i>Molecular Phylogenetics and Evolution</i> , 2012, 65, 892-902.	1.2	79
18	Multiple independent origins of mitochondrial control region duplications in the order Psittaciformes. <i>Molecular Phylogenetics and Evolution</i> , 2012, 64, 342-356.	1.2	72

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19	Ultraconserved Elements Sequencing as a Low-Cost Source of Complete Mitochondrial Genomes and Microsatellite Markers in Non-Model Amniotes. PLoS ONE, 2015, 10, e0138446.	1.1	66
20	DNA Barcode Detects High Genetic Structure within Neotropical Bird Species. PLoS ONE, 2011, 6, e28543.	1.1	63
21	Molecular systematics in Aratinga parakeets: species limits and historical biogeography in the <i>solstitialis</i> ™ group, and the systematic position of <i>Nandayus nenday</i> . Molecular Phylogenetics and Evolution, 2004, 30, 663-675.	1.2	62
22	Phenotypic and Genetic Structure Support Gene Flow Generating Gene Tree Discordances in an Amazonian Floodplain Endemic Species. Systematic Biology, 2018, 67, 700-718.	2.7	60
23	Quaternary climate changes as speciation drivers in the Amazon floodplains. Science Advances, 2020, 6, eaax4718.	4.7	55
24	Phylogenetic relationships, diversification and biogeography in Neotropical <i>Brotogeris</i> parakeets. Journal of Biogeography, 2009, 36, 1712-1729.	1.4	52
25	Parrot Genomes and the Evolution of Heightened Longevity and Cognition. Current Biology, 2018, 28, 4001-4008.e7.	1.8	52
26	Comparative Phylogeography of the Atlantic Forest Endemic Sloth (<i>Bradypus torquatus</i>) and the Widespread Three-toed Sloth (<i>Bradypus variegatus</i>) (Bradypodidae, Xenarthra). Genetica, 2006, 126, 189-198.	0.5	49
27	DNA Barcoding Identifies Illegal Parrot Trade: Figure 1.. Journal of Heredity, 2015, 106, 560-564.	1.0	49
28	Speciation Associated with Shifts in Migratory Behavior in an Avian Radiation. Current Biology, 2020, 30, 1312-1321.e6.	1.8	45
29	The niche and phylogeography of a passerine reveal the history of biological diversification between the Andean and the Atlantic forests. Molecular Phylogenetics and Evolution, 2017, 112, 107-121.	1.2	39
30	Sex identification of parrots, toucans, and curassows by PCR: Perspectives for wild and captive population studies. Zoo Biology, 1998, 17, 415-423.	0.5	37
31	Population genetic structure of the Atlantic Forest endemic <i>Conopophaga lineata</i> (Passeriformes: Tj ETQq1 1 0.784314 rgBT /Overlock 85-99.	0.5	37
32	Molecular Systematics and Patterns of Diversification in <i>Pyrrhura</i> (Psittacidae), with Special Reference to the <i>Picta-Leucotis</i> Complex. Auk, 2006, 123, 660-680.	0.7	33
33	Genetic variation and population structure of the endangered Hyacinth Macaw (<i>Anodorhynchus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1.2 33	1.2	33
34	Phylogeny and historical biogeography of gnateaters (Passeriformes, Conopophagidae) in the South America forests. Molecular Phylogenetics and Evolution, 2014, 79, 422-432.	1.2	33
35	Population Genetic Structure in Hyacinth Macaws (<i>Anodorhynchus hyacinthinus</i>) and Identification of the Probable Origin of Confiscated Individuals. Journal of Heredity, 2015, 106, 491-502.	1.0	32
36	Matrilineal evidence for demographic expansion, low diversity and lack of phylogeographic structure in the Atlantic forest endemic Greenish Schiffornis <i>Schiffornis virescens</i> (Aves: Tityridae). Journal of Ornithology, 2013, 154, 371-384.	0.5	29

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37	Contrasting Phylogeographic Patterns in Mitochondrial DNA and Microsatellites: Evidence of Female Philopatry and Male-biased Gene Flow among Regional Populations of the Blue-and-yellow Macaw (<i>Psittaciformes:Ara ararauna</i>) in Brazil. <i>Auk</i> , 2009, 126, 359-370.	0.7	28
38	Evolution of <i>Dendrocolaptes platyrostris</i> (Aves: Furnariidae) between the South American open vegetation corridor and the Atlantic forest. <i>Biological Journal of the Linnean Society</i> , 2011, 103, 801-820.	0.7	28
39	Phylogeographic variation within the Buff-browed Foliage-gleaner (<i>Aves: Furnariidae: Syndactyla</i>) Tj ETQq1 1 0.784314 rgBT /Overlock Phylogenetics and Evolution, 2019, 133, 198-213.	1.2	28
40	Patterns of Species and Lineage Diversity in the Atlantic Rainforest of Brazil. <i>Fascinating Life Sciences</i> , 2020, , 415-447.	0.5	28
41	Late Pleistocene divergence and postglacial expansion in the Brazilian Atlantic Forest: multilocus phylogeography of <i>Rhopias gularis</i> (Aves: Passeriformes). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2016, 54, 137-147.	0.6	27
42	Population genetic structure and dispersal in white-lipped peccaries (<i>Tayassu pecari</i>) from the Brazilian Pantanal. <i>Journal of Mammalogy</i> , 2011, 92, 267-274.	0.6	26
43	Seeing the forest through many trees: Multi-taxon patterns of phylogenetic diversity in the Atlantic Forest hotspot. <i>Diversity and Distributions</i> , 2020, 26, 1160-1176.	1.9	26
44	Sex typing of Aratinga parrots using the human minisatellite probe 33.15. <i>Nucleic Acids Research</i> , 1992, 20, 5235-5236.	6.5	25
45	Analysis of the genetic variability in a sample of the remaining group of Spix's Macaw (<i>Cyanopsitta</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1.9 24	1.9	24
46	PHYLOGENETIC RELATIONSHIPS AMONG SOME NEOTROPICAL PARROT GENERA (PSITTACIDAE) BASED ON MITOCHONDRIAL SEQUENCES. <i>Auk</i> , 2004, 121, 230.	0.7	24
47	Molecular systematics and evolution of the <i>Synallaxis ruficapilla</i> complex (Aves: Furnariidae) in the Atlantic Forest. <i>Molecular Phylogenetics and Evolution</i> , 2013, 67, 86-94.	1.2	24
48	Forest corridors between the central Andes and the southern Atlantic Forest enabled dispersal and peripatric diversification without niche divergence in a passerine. <i>Molecular Phylogenetics and Evolution</i> , 2018, 128, 221-232.	1.2	24
49	MOLECULAR SYSTEMATICS AND PATTERNS OF DIVERSIFICATION IN PYRRHURA (PSITTACIDAE), WITH SPECIAL REFERENCE TO THE PICTA-LEUCOTIS COMPLEX. <i>Auk</i> , 2006, 123, 660.	0.7	23
50	Identifying management units in non-endangered species: the example of the sloth <i>Bradypus variegatus</i> Schinz, 1825. <i>Brazilian Journal of Biology</i> , 2007, 67, 829-837.	0.4	20
51	Phylogeny and biogeography of Yellow-headed and Blue-fronted Parrots (<i>Amazona ochrocephala</i> and) Tj ETQq1 1 0,784314 rgBT /Overlock 1,0 20	1.0	20
52	Characterization of microsatellite loci in the Blue-and-gold Macaw, <i>Ara ararauna</i> (Psittaciformes:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 1,7 19	1.7	19
53	Phylogenetic Relationships among Some Neotropical Parrot Genera (Psittacidae) Based on Mitochondrial Sequences. <i>Auk</i> , 2004, 121, 230-242.	0.7	19
54	Continental-scale analysis reveals deep diversification within the polytypic Red-crowned Ant Tanager (<i>Habia rubica</i> , Cardinalidae). <i>Molecular Phylogenetics and Evolution</i> , 2015, 89, 182-193.	1.2	19

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55	Phenotypic evolution of an Atlantic Forest passerine (<i>Xiphorhynchus fuscus</i>): biogeographic and systematic implications. <i>Biological Journal of the Linnean Society</i> , 2014, 113, 1047-1066.	0.7	18
56	Environmental correlates of taxonomic and phylogenetic diversity in the Atlantic Forest. <i>Journal of Biogeography</i> , 2021, 48, 1377-1391.	1.4	18
57	Lower Detection Probability of Avian <i>Plasmodium</i> in Blood Compared to Other Tissues. <i>Journal of Parasitology</i> , 2016, 102, 559-561.	0.3	17
58	Sex Identification of South American Parrots (Psittacidae, Aves) Using the Human Minisatellite Probe 33.15. <i>Auk</i> , 1997, 114, 516-520.	0.7	16
59	The timing of Neotropical speciation dynamics: A reconstruction of <i>Myiopagis</i> flycatcher diversification using phylogenetic and paleogeographic data. <i>Molecular Phylogenetics and Evolution</i> , 2009, 53, 961-971.	1.2	16
60	Non-invasive genetic sampling for molecular sexing and microsatellite genotyping of hyacinth macaw (<i>Anodorhynchus hyacinthinus</i>). <i>Genetics and Molecular Biology</i> , 2013, 36, 129-133.	0.6	16
61	Social structure of collared peccaries (<i>Pecari tajacu</i>): Does relatedness matter?. <i>Behavioural Processes</i> , 2014, 109, 70-78.	0.5	14
62	Climatic dynamics and topography control genetic variation in Atlantic Forest montane birds. <i>Molecular Phylogenetics and Evolution</i> , 2020, 148, 106812.	1.2	13
63	Historical climate changes and hybridization shaped the evolution of Atlantic Forest spinetails (Aves: Tj ETQq1 1 0.784314 rgBT /Over	1.2	12
64	Molecular markers for population genetic analyses in the family Psittacidae (Psittaciformes, Aves). <i>Genetics and Molecular Biology</i> , 2006, 29, 231-240.	0.6	11
65	Genetic diversity in different populations of sloths assessed by DNA fingerprinting. <i>Brazilian Journal of Biology</i> , 2002, 62, 503-508.	0.4	10
66	Molecular phylogeny of Threskiornithidae (Aves: Pelecaniformes) based on nuclear and mitochondrial DNA. <i>Genetics and Molecular Research</i> , 2013, 12, 2740-2750.	0.3	10
67	Development of novel polymorphic microsatellite markers for four bird species exploited by the illegal wildlife trade in Brazil. <i>Conservation Genetics Resources</i> , 2015, 7, 435-436.	0.4	10
68	Diversification history in the <i>Dendrocincla fuliginosa</i> complex (Aves: Dendrocolaptidae): Insights from broad geographic sampling. <i>Molecular Phylogenetics and Evolution</i> , 2019, 140, 106581.	1.2	10
69	Evolution between forest macrorefugia is linked to discordance between genetic and morphological variation in Neotropical passerines. <i>Molecular Phylogenetics and Evolution</i> , 2020, 149, 106849.	1.2	10
70	Comparative analysis of microsatellite variability in five macaw species (Psittaciformes, Psittacidae): application for conservation. <i>Genetics and Molecular Biology</i> , 2011, 34, 348-352.	0.6	9
71	Late Pleistocene climate change shapes population divergence of an Atlantic Forest passerine: a model-based phylogeographic hypothesis test. <i>Journal of Ornithology</i> , 2019, 160, 733-748.	0.5	9
72	Genetic evaluation of the mating system in the blue-and-yellow macaw (<i>Ara ararauna</i> , Aves,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td	0.6	10

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73	The last wild Spix's Macaw and an Illiger's Macaw produced a hybrid. <i>Conservation Genetics</i> , 2001, 2, 53-55.	0.8	7
74	Genetic evidence of promiscuity in a mammal without apparent sexual dimorphism, the white-lipped peccary (<i>Tayassu pecari</i>). <i>Mammalian Biology</i> , 2018, 92, 111-114.	0.8	7
75	Genetic diversity and population structure of white-lipped peccaries (<i>Tayassu pecari</i>) in the Pantanal, Cerrado and Atlantic Forest from Brazil. <i>Mammalian Biology</i> , 2019, 95, 85-92.	0.8	7
76	Life history and ecology might explain incongruent population structure in two co-distributed montane bird species of the Atlantic Forest. <i>Molecular Phylogenetics and Evolution</i> , 2020, 153, 106925.	1.2	7
77	Rugged relief and climate promote isolation and divergence between two neotropical cold-associated birds. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 2371-2387.	1.1	7
78	Isolation and characterization of microsatellite loci for white-lipped peccaries (<i>Tayassu pecari</i>) and cross-amplification in collared peccaries (<i>Pecari tajacu</i>). <i>Conservation Genetics Resources</i> , 2011, 3, 151-154.	0.4	6
79	Finding the "Conservation" in <i>Conservation Genetics</i> "Progress in Latin America: Table 1.. <i>Journal of Heredity</i> , 2015, 106, 423-427.	1.0	6
80	Ecological and evolutionary drivers of geographic variation in songs of a Neotropical suboscine bird: The Drab-breasted Bamboo Tyrant (<i>Hemitriccus diops</i> , Rhynchocyclidae). <i>Auk</i> , 2021, 138, .	0.7	6
81	Comparative mitogenomic analyses of Amazona parrots and Psittaciformes. <i>Genetics and Molecular Biology</i> , 2018, 41, 593-604.	0.6	5
82	Vicariance, dispersal, extinction and hybridization underlie the evolutionary history of Atlantic forest fire-eye antbirds (Aves: Thamnophilidae). <i>Molecular Phylogenetics and Evolution</i> , 2020, 148, 106820.	1.2	5
83	Microevolutionary dynamics show tropical valleys are deeper for montane birds of the Atlantic Forest. <i>Nature Communications</i> , 2021, 12, 6269.	5.8	5
84	Eight anonymous nuclear loci for the squamate antbird (<i>Myrmeciza squamosa</i>), cross-amplifiable in other species of typical antbirds (Aves, Thamnophilidae). <i>Conservation Genetics Resources</i> , 2012, 4, 645-647.	0.4	4
85	Phylogenetic Relationships Among Some Neotropical Parrot Genera (Psittacidae) Based on Mitochondrial Sequences. <i>Auk</i> , 2004, 121, 230-242.	0.7	3
86	Species Delimitation in the Genus <i>Eudocimus</i> (Threskiornithidae: Pelecaniformes): First Genetic Approach. <i>Waterbirds</i> , 2014, 37, 419-425.	0.2	3
87	Isolation and characterization of 15 new microsatellite markers for the globally endangered Lear's macaw <i>Anodorhynchus leari</i> . <i>Molecular Biology Reports</i> , 2020, 47, 8279-8285.	1.0	2
88	Dominance relationships between collared peccaries <i>Pecari tajacu</i> (Cetartiodactyla: Tayassuidae) in intensive breeding system. <i>Applied Animal Behaviour Science</i> , 2016, 184, 117-125.	0.8	1
89	A multidisciplinary framework for biodiversity prediction in the Brazilian Atlantic Forest hotspot. <i>Biota Neotropica</i> , 2022, 22, .	0.2	1
90	Editorial of the Proceedings of the 25th International Ornithological Congress. <i>Journal of Ornithology</i> , 2012, 153, 1-1.	0.5	0

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91	An Online mtDNA Tool for Identification of Neotropical Psittacid Species and Taxonomic Issues: A Study Case of the <i>Amazona ochrocephala</i> Complex. Natural Resources, 2014, 05, 634-652.	0.2	0