

Anthony Di Fiore

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

9,634
citations

81900

39
h-index

40979

93
g-index

106
all docs

106
docs citations

106
times ranked

11700
citing authors

#	ARTICLE	IF	CITATIONS
1	Drought Sensitivity of the Amazon Rainforest. <i>Science</i> , 2009, 323, 1344-1347.	12.6	1,443
2	Impending extinction crisis of the world's primates: Why primates matter. <i>Science Advances</i> , 2017, 3, e1600946.	10.3	912
3	Hyperdominance in the Amazonian Tree Flora. <i>Science</i> , 2013, 342, 1243092.	12.6	873
4	Variation in wood density determines spatial patterns in Amazonian forest biomass. <i>Global Change Biology</i> , 2004, 10, 545-562.	9.5	633
5	The above-ground coarse wood productivity of 104 Neotropical forest plots. <i>Global Change Biology</i> , 2004, 10, 563-591.	9.5	436
6	The Effects of Captivity on the Mammalian Gut Microbiome. <i>Integrative and Comparative Biology</i> , 2017, 57, 690-704.	2.0	301
7	Compositional response of Amazon forests to climate change. <i>Global Change Biology</i> , 2019, 25, 39-56.	9.5	265
8	Markedly divergent estimates of Amazon forest carbon density from ground plots and satellites. <i>Global Ecology and Biogeography</i> , 2014, 23, 935-946.	5.8	248
9	Evolutionary trends in host physiology outweigh dietary niche in structuring primate gut microbiomes. <i>ISME Journal</i> , 2019, 13, 576-587.	9.8	236
10	Explosive Pleistocene range expansion leads to widespread Amazonian sympatry between robust and gracile capuchin monkeys. <i>Journal of Biogeography</i> , 2012, 39, 272-288.	3.0	220
11	Hyperdominance in Amazonian forest carbon cycling. <i>Nature Communications</i> , 2015, 6, 6857.	12.8	214
12	Long-term thermal sensitivity of Earth's tropical forests. <i>Science</i> , 2020, 368, 869-874.	12.6	198
13	Route-based travel and shared routes in sympatric spider and woolly monkeys: cognitive and evolutionary implications. <i>Animal Cognition</i> , 2007, 10, 317-329.	1.8	167
14	Seasonal drought limits tree species across the Neotropics. <i>Ecography</i> , 2017, 40, 618-629.	4.5	143
15	Seed dispersal by spider monkeys and its importance in the maintenance of neotropical rain-forest diversity. <i>Journal of Tropical Ecology</i> , 2006, 22, 235-246.	1.1	126
16	Estimating the global conservation status of more than 15,000 Amazonian tree species. <i>Science Advances</i> , 2015, 1, e1500936.	10.3	122
17	Estimating Population Density of Amazonian Titi Monkeys (<i>Callicebus discolor</i>) via Playback Point Counts. <i>Biotropica</i> , 2011, 43, 135-140.	1.6	120
18	Variation in stem mortality rates determines patterns of above-ground biomass in Amazonian forests: implications for dynamic global vegetation models. <i>Global Change Biology</i> , 2016, 22, 3996-4013.	9.5	116

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19	Species Distribution Modelling: Contrasting presence-only models with plot abundance data. <i>Scientific Reports</i> , 2018, 8, 1003.	3.3	113
20	Dispersal patterns in sympatric woolly and spider monkeys: integrating molecular and observational data. <i>Behaviour</i> , 2009, 146, 437-470.	0.8	108
21	Pleistocene diversification of living squirrel monkeys (<i>Saimiri</i> spp.) inferred from complete mitochondrial genome sequences. <i>Molecular Phylogenetics and Evolution</i> , 2011, 59, 736-745.	2.7	106
22	Molecular genetic approaches to the study of primate behavior, social organization, and reproduction. <i>American Journal of Physical Anthropology</i> , 2003, 122, 62-99.	2.1	93
23	Title is missing!. <i>International Journal of Primatology</i> , 2001, 22, 449-480.	1.9	89
24	Brown spider monkeys (<i>Ateles hybridus</i>): a model for differentiating the role of social networks and physical contact on parasite transmission dynamics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140110.	4.0	87
25	Hierarchical social networks shape gut microbial composition in wild Verreaux's sifaka. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20172274.	2.6	82
26	Ranging behavior and foraging ecology of lowland woolly monkeys (<i>Lagothrix lagotricha poeppigii</i>) in Yasuná-National Park, Ecuador. <i>American Journal of Primatology</i> , 2003, 59, 47-66.	1.7	81
27	Phylogenetic diversity of Amazonian tree communities. <i>Diversity and Distributions</i> , 2015, 21, 1295-1307.	4.1	72
28	Social Behavior, Reproductive Strategies, and Population Genetic Structure of <i>Lagothrix poeppigii</i> . <i>International Journal of Primatology</i> , 2005, 26, 1137-1173.	1.9	71
29	Patterns in Gut Microbiota Similarity Associated with Degree of Sociality among Sex Classes of a Neotropical Primate. <i>Microbial Ecology</i> , 2017, 74, 250-258.	2.8	70
30	Fast demographic traits promote high diversification rates of Amazonian trees. <i>Ecology Letters</i> , 2014, 17, 527-536.	6.4	63
31	Tree mode of death and mortality risk factors across Amazon forests. <i>Nature Communications</i> , 2020, 11, 5515.	12.8	62
32	The global abundance of tree palms. <i>Global Ecology and Biogeography</i> , 2020, 29, 1495-1514.	5.8	62
33	Low paternity skew and the influence of maternal kin in an egalitarian, patrilocal primate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18915-18919.	7.1	59
34	Diets of wild spider monkeys. , 2008, , 81-137.		57
35	Biased-corrected richness estimates for the Amazonian tree flora. <i>Scientific Reports</i> , 2020, 10, 10130.	3.3	53
36	The rise and fall of a genus: Complete mtDNA genomes shed light on the phylogenetic position of yellow-tailed woolly monkeys, <i>Lagothrix flavicauda</i> , and on the evolutionary history of the family Atelidae (Primates: Platyrrhini). <i>Molecular Phylogenetics and Evolution</i> , 2015, 82, 495-510.	2.7	50

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37	Demography and group composition of <i>Ateles</i> , 2008, , 329-348.		49
38	Adult Male Replacement in Socially Monogamous Equatorial Saki Monkeys (<i>Pithecia</i>) Tj ETQq0 0 0 rgBT /Overlock,10 Tf 50,702 Td (a	0.7	47
39	Genetic Approaches to the Study of Dispersal and Kinship in New World Primates. , 2009, , 211-250.		47
40	Demography and life history of wild red titi monkeys (<i>Callicebus discolor</i>) and equatorial sakis (<i>Pithecia aequatorialis</i>) in Amazonian Ecuador: A 12-year study. American Journal of Primatology, 2016, 78, 204-215.	1.7	44
41	Social monogamy, male-female relationships, and biparental care in wild titi monkeys (<i>Callicebus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	1.1	44
42	Evolutionary heritage influences Amazon tree ecology. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161587.	2.6	43
43	The evolution of pair-living, sexual monogamy, and cooperative infant care: Insights from research on wild owl monkeys, titis, sakis, and tamarins. American Journal of Physical Anthropology, 2020, 171, 118-173.	2.1	40
44	Are all species necessary to reveal ecologically important patterns?. Ecology and Evolution, 2014, 4, 4626-4636.	1.9	37
45	Capuchin monkey biogeography: understanding <i>Sapajus</i> Pleistocene range expansion and the current sympatry between <i>Cebus</i> and <i>Sapajus</i> . Journal of Biogeography, 2017, 44, 810-820.	3.0	36
46	Behavior, Ecology, and Demography of <i>Aotus vociferans</i> in Yasun National Park, Ecuador. International Journal of Primatology, 2008, 29, 421-431.	1.9	35
47	A phylogenomic perspective on the robust capuchin monkey (<i>Sapajus</i>) radiation: First evidence for extensive population admixture across South America. Molecular Phylogenetics and Evolution, 2018, 124, 137-150.	2.7	35
48	A rapid genetic method for sex assignment in non-human primates. Conservation Genetics, 2006, 6, 1053-1058.	1.5	34
49	A primer on the phylogeography of <i>Lagothrix lagotricha</i> (sensu Fooden) in northern South America. Molecular Phylogenetics and Evolution, 2015, 82, 511-517.	2.7	34
50	The genomics of ecological flexibility, large brains, and long lives in capuchin monkeys revealed with fecalFACS. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	34
51	Adult male replacement and subsequent infant care by male and siblings in socially monogamous owl monkeys (<i>Aotus azarai</i>). Primates, 2008, 49, 81-84.	1.1	33
52	Quantifying uncertainty due to fission-fusion dynamics as a component of social complexity. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180532.	2.6	33
53	Evolutionary diversity is associated with wood productivity in Amazonian forests. Nature Ecology and Evolution, 2019, 3, 1754-1761.	7.8	32
54	Of Apples and Oranges? The Evolution of Monogamy in Non-human Primates. Frontiers in Ecology and Evolution, 2020, 7, .	2.2	32

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55	Biodiversity of protists and nematodes in the wild nonhuman primate gut. <i>ISME Journal</i> , 2020, 14, 609-622.	9.8	32
56	Genetic Structure and Kinship Patterns in a Population of Black Howler Monkeys, <i>Alouatta pigra</i> , at <i>Paralenque National Park</i> , Mexico. <i>American Journal of Primatology</i> , 2012, 74, 948-957.	1.7	30
57	Revisiting the phylogenetic relationships, biogeography, and taxonomy of spider monkeys (genus <i>Atelopus</i>). <i>Journal of Biogeography</i> , 2014, 41, 1078-1094.	2.7	30
58	Rarity of monodominance in hyperdiverse Amazonian forests. <i>Scientific Reports</i> , 2019, 9, 13822.	3.3	28
59	Social and genetic factors mediating male participation in collective group defence in black howler monkeys. <i>Animal Behaviour</i> , 2014, 98, 7-17.	1.9	27
60	Group benefit associated with polymorphic trichromacy in a Malagasy primate (<i>Propithecus</i>). <i>Journal of Biogeography</i> , 2010, 37, 542-552.	3.3	27
61	Duetting Patterns of Titi Monkeys (Primates, Pitheciidae: Callicebinae) and Relationships with Phylogeny. <i>Animals</i> , 2018, 8, 178.	2.3	27
62	Loud calls as a mechanism of social coordination in a fission-fusion taxon, the white-bellied spider monkey (<i>Ateles belzebuth</i>). <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 947-961.	1.4	25
63	Review of GPS collar deployments and performance on nonhuman primates. <i>Primates</i> , 2020, 61, 373-387.	1.1	25
64	Transparency, usability, and reproducibility: Guiding principles for improving comparative databases using primates as examples. <i>Evolutionary Anthropology</i> , 2016, 25, 232-238.	3.4	24
65	Terrestrial Behavior in Titi Monkeys (<i>Callicebus</i> , <i>Cheracebus</i> , and <i>Plecturocebus</i>): Potential Correlates, Patterns, and Differences between Genera. <i>International Journal of Primatology</i> , 2019, 40, 553-572.	1.9	23
66	Dinucleotide microsatellite primers designed for a critically endangered primate, the black lion tamarin (<i>Leontopithecus chrysopygus</i>). <i>Molecular Ecology Notes</i> , 2005, 5, 198-201.	1.7	22
67	Isolation, characterization and evaluation of 11 autosomal STRs suitable for population studies in black and gold howler monkeys <i>Alouatta caraya</i> . <i>Molecular Ecology Notes</i> , 2006, 7, 117-120.	1.7	22
68	Microsatellite markers for woolly monkeys (<i>Lagothrix lagotricha</i>) and their amplification in other New World primates (Primates: Platyrrhini). <i>Molecular Ecology Notes</i> , 2004, 4, 246-249.	1.7	21
69	Phylogeographic evidence for two species of miqui (genus <i>Brachyteles</i>). <i>American Journal of Primatology</i> , 2019, 81, e23066.	1.7	21
70	Scent marking in two western Amazonian populations of woolly monkeys (<i>Lagothrix lagotricha</i>). <i>American Journal of Primatology</i> , 2006, 68, 637-649.	1.7	20
71	Male philopatry in spider monkeys revisited. <i>American Journal of Physical Anthropology</i> , 2013, 152, 86-95.	2.1	19
72	Phylogeography of the Critically Endangered Brown Spider Monkey (<i>Ateles hybridus</i>): Testing the Riverine Barrier Hypothesis. <i>International Journal of Primatology</i> , 2015, 36, 530-547.	1.9	19

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73	A RAD-sequencing approach to genome-wide marker discovery, genotyping, and phylogenetic inference in a diverse radiation of primates. <i>PLoS ONE</i> , 2018, 13, e0201254.	2.5	19
74	Individual-Based Modeling of Amazon Forests Suggests That Climate Controls Productivity While Traits Control Demography. <i>Frontiers in Earth Science</i> , 2019, 7, .	1.8	19
75	Fathers enhance social bonds among paternal half-siblings in immature olive baboons (<i>Papio</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 4	1.7	18
76	Water table depth modulates productivity and biomass across Amazonian forests. <i>Global Ecology and Biogeography</i> , 2022, 31, 1571-1588.	5.8	17
77	Pair-mate relationships and parenting in equatorial saki monkeys (<i>Pithecia aequatorialis</i>) and red titi monkeys (<i>Callicebus discolor</i>) of Ecuador. , 2013, , 295-302.		16
78	Social groups constrain the spatiotemporal dynamics of wild sifaka gut microbiomes. <i>Molecular Ecology</i> , 2021, 30, 6759-6775.	3.9	16
79	Kin-biased spatial associations and social interactions in male and female black howler monkeys (<i>Alouatta pigra</i>). <i>Behaviour</i> , 2014, 151, 2029-2057.	0.8	14
80	A Saki Saga: Dynamic and Disruptive Relationships among <i>Pithecia aequatorialis</i> in Ecuador. <i>Folia Primatologica</i> , 2015, 86, 455-473.	0.7	13
81	Ranging behavior and potential for territoriality in equatorial sakis (<i>Pithecia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 4 701-712.	2.1	12
82	Life History, Behavior, and Development of Wild Immature Lowland Woolly Monkeys (<i>Lagothrix</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3		11
83	Phylogenetic relationships of Mesoamerican spider monkeys (<i>Ateles geoffroyi</i>): Molecular evidence suggests the need for a revised taxonomy. <i>Molecular Phylogenetics and Evolution</i> , 2015, 82, 484-494.	2.7	11
84	Initiation of feeding by four sympatric Neotropical primates (<i>Ateles belzebuth</i> , <i>Lagothrix lagotricha</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Relationships to photic and ecological factors. <i>PLoS ONE</i> , 2019, 14, e0210494.	2.5	11
85	Population Genetics, Dispersal, and Kinship Among Wild Squirrel Monkeys (<i>Saimiri sciureus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Prey Capture Success. <i>International Journal of Primatology</i> , 2014, 35, 169-187.	1.9	10
86	Ranging behavior and the potential for territoriality in pair-living titi monkeys (<i>Plecturocebus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	10
87	Delayed Dispersal and Immigration in Equatorial Sakis (<i>Pithecia aequatorialis</i>): Factors in the Transition from Pair- to Group-Living. <i>Folia Primatologica</i> , 2017, 88, 11-27.	0.7	8
88	The Interplay of Landscape Features and Social System on the Genetic Structure of a Primate Population: An Agent-Based Simulation Study Using <i>Tamarins</i> . <i>International Journal of Primatology</i> , 2014, 35, 226-257.	1.9	7
89	Metagenomic analyses reveal previously unrecognized variation in the diets of sympatric Old World monkey species. <i>PLoS ONE</i> , 2019, 14, e0218245.	2.5	7
90	Scaling issues of neutral theory reveal violations of ecological equivalence for dominant Amazonian tree species. <i>Ecology Letters</i> , 2019, 22, 1072-1082.	6.4	7

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91	Methods for detecting Zika virus in feces: A case study in captive squirrel monkeys (<i>Saimiri boliviensis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.5	6
92	Variation in Space Use and Social Cohesion Within and Between Four Groups of Woolly Monkeys (<i>Lagothrix lagotricha poeppigii</i>) in Relation to Fruit Availability and Mating Opportunities at the Tiputini Biodiversity Station, Ecuador. , 2019, , 141-171.		6
93	Mothers and fathers improve immature baboon foraging success. Behaviour, 2020, 157, 387-414.	0.8	6
94	Detecting spider monkeys from the sky using a high-definition RGB camera: a rapid-assessment survey method?. Biodiversity and Conservation, 2022, 31, 479-496.	2.6	6
95	Reproductive seasonality in two sympatric primates (<i>Ateles belzebuth</i> and <i>Lagothrix</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.7	5
96	Demography and life history of a group of white-bellied spider monkeys (<i>Ateles belzebuth</i>) in western Amazonia. American Journal of Primatology, 2018, 80, e22899.	1.7	4
97	Behavioral and physiological responses to instability in group membership in wild male woolly monkeys (<i>Lagothrix lagotricha poeppigii</i>). American Journal of Primatology, 2021, 83, e23240.	1.7	3
98	Reproductive endocrinology of wild female woolly monkeys (<i>Lagothrix lagotricha poeppigii</i>) during puberty, ovarian cyclicity, and pregnancy. American Journal of Primatology, 2022, 84, e23303.	1.7	3
99	Dispersal patterns in black howler monkeys (<i>Alouatta pigra</i>): Integrating multiyear demographic and molecular data. Molecular Ecology, 2022, 31, 391-406.	3.9	1
100	Neotropical Rainforest Mammals: Still a great guide. American Journal of Primatology, 1998, 44, 83-84.	1.7	0
101	Influences of sunrise and morning light on visual behavior of four sympatric New World primates () Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.3	0