

# Carlos Daniel Cadena

## List of Publications by Year in descending order

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79  
papers

2,922  
citations

201674

27  
h-index

197818

49  
g-index

94  
all docs

94  
docs citations

94  
times ranked

3500  
citing authors

#	ARTICLE	IF	CITATIONS
1	The drivers of tropical speciation. <i>Nature</i> , 2014, 515, 406-409.	27.8	452
2	Latitude, elevational climatic zonation and speciation in New World vertebrates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 194-201.	2.6	186
3	The origin and maintenance of montane diversity: integrating evolutionary and ecological processes. <i>Ecography</i> , 2014, 37, 711-719.	4.5	182
4	A phylogenetic approach to disentangling the role of competition and habitat filtering in community assembly of Neotropical forest birds. <i>Journal of Animal Ecology</i> , 2010, 79, 1181-1192.	2.8	140
5	Evolutionary differentiation in the Neotropical montane region: Molecular phylogenetics and phylogeography of Buarremon brush-finches (Aves, Emberizidae). <i>Molecular Phylogenetics and Evolution</i> , 2007, 44, 993-1016.	2.7	124
6	Ecological speciation along an elevational gradient in a tropical passerine bird?. <i>Journal of Evolutionary Biology</i> , 2013, 26, 357-374.	1.7	92
7	Non-monophyly and deep genetic differentiation across low-elevation barriers in a Neotropical montane bird ( <i>Basileuterus tristriatus</i> ; Aves: Parulidae). <i>Molecular Phylogenetics and Evolution</i> , 2012, 64, 156-165.	2.7	89
8	Fuel loads acquired at a stopover site influence the pace of intercontinental migration in a boreal songbird. <i>Scientific Reports</i> , 2017, 7, 3405.	3.3	87
9	Lifespan is unrelated to investment in reproduction in populations of mammals and birds in captivity. <i>Ecology Letters</i> , 2007, 10, 867-872.	6.4	84
10	Niche-tracking migrants and niche-switching residents: evolution of climatic niches in New World warblers (Parulidae). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152458.	2.6	83
11	Molecules, ecology, morphology, and songs in concert: how many species is <i>Arremon torquatus</i> (Aves: Emberizidae)?. <i>Biological Journal of the Linnean Society</i> , 2009, 99, 152-176.	1.6	65
12	The influence of the complex topography and dynamic history of the montane Neotropics on the evolutionary differentiation of a cloud forest bird ( <i>Premnoplex brunnescens</i> , Furnariidae). <i>Journal of Biogeography</i> , 2014, 41, 1533-1546.	3.0	55
13	Is speciation driven by species diversity?. <i>Nature</i> , 2005, 438, E1-E2.	27.8	48
14	Issues and Perspectives in Species Delimitation using Phenotypic Data: Atlantean Evolution in Darwin's Finches. <i>Systematic Biology</i> , 2018, 67, 181-194.	5.6	48
15	Limits to elevational distributions in two species of emberizine finches: disentangling the role of interspecific competition, autoecology, and geographic variation in the environment. <i>Ecography</i> , 2007, 30, 491-504.	4.5	47
16	TESTING THE ROLE OF INTERSPECIFIC COMPETITION IN THE EVOLUTIONARY ORIGIN OF ELEVATIONAL ZONATION: AN EXAMPLE WITH BUARREMON BRUSH-FINCHES (AVES, EMBERIZIDAE) IN THE NEOTROPICAL MOUNTAINS. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 1120-1136.	2.3	47
17	Speciation Associated with Shifts in Migratory Behavior in an Avian Radiation. <i>Current Biology</i> , 2020, 30, 1312-1321.e6.	3.9	45
18	The validity of ecogeographical rules is context-dependent: testing for Bergmann's and Allen's rules by latitude and elevation in a widespread Andean duck. <i>Biological Journal of the Linnean Society</i> , 2014, 111, 850-862.	1.6	42

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19	Host species, and not environment, predicts variation in blood parasite prevalence, distribution, and diversity along a humidity gradient in northern South America. <i>Ecology and Evolution</i> , 2018, 8, 3800-3814.	1.9	41
20	<i>Scytalopus Stilesi</i> , A New Species of Tapaculo (Rhinocryptidae) From the Cordillera Central of Colombia. <i>Auk</i> , 2005, 122, 445-463.	1.4	40
21	Asynchrony of Seasons: Genetic Differentiation Associated with Geographic Variation in Climatic Seasonality and Reproductive Phenology. <i>American Naturalist</i> , 2014, 184, 352-363.	2.1	40
22	Assessing seasonal changes in animal diets with stable-isotope analysis of amino acids: a migratory boreal songbird switches diet over its annual cycle. <i>Oecologia</i> , 2018, 187, 1-13.	2.0	40
23	No population genetic structure in a widespread aquatic songbird from the Neotropics. <i>Molecular Phylogenetics and Evolution</i> , 2011, 58, 540-545.	2.7	38
24	Climate, habitat associations and the potential distributions of Neotropical birds: Implications for diversification across the Andes. <i>Revista De La Academia Colombiana De Ciencias Exactas, Fisicas Y Naturales</i> , 2016, 40, 275.	0.2	35
25	SCYTALOPUS STILESI, A NEW SPECIES OF TAPACULO (RHINOCRYPTIDAE) FROM THE CORDILLERA CENTRAL OF COLOMBIA. <i>Auk</i> , 2005, 122, 445.	1.4	33
26	Testing the molecular and evolutionary causes of a "leapfrog" pattern of geographical variation in coloration. <i>Journal of Evolutionary Biology</i> , 2011, 24, 402-414.	1.7	33
27	Migratory birds as vehicles for parasite dispersal? Infection by avian haemosporidians over the year and throughout the range of a long-distance migrant. <i>Journal of Biogeography</i> , 2019, 46, 83-96.	3.0	32
28	Paraphyly of <i>Cinclodes fuscus</i> (Aves: Passeriformes: Furnariidae): Implications for taxonomy and biogeography. <i>Molecular Phylogenetics and Evolution</i> , 2009, 53, 547-555.	2.7	29
29	Molecular systematics of the new world screech-owls (Megascops: Aves, Strigidae): biogeographic and taxonomic implications. <i>Molecular Phylogenetics and Evolution</i> , 2016, 94, 626-634.	2.7	29
30	Extreme genetic structure and dynamic range evolution in a montane passerine bird: implications for tropical diversification. <i>Biological Journal of the Linnean Society</i> , 2019, 126, 487-506.	1.6	28
31	Systematics, biogeography, and diversification of <i>Scytalopus tapaculos</i> (Rhinocryptidae), an enigmatic radiation of Neotropical montane birds. <i>Auk</i> , 2020, 137, .	1.4	26
32	Hidden generic diversity in Neotropical birds: Molecular and anatomical data support a new genus for the "Scytalopus" indigoticus species-group (Aves: Rhinocryptidae). <i>Molecular Phylogenetics and Evolution</i> , 2008, 49, 125-135.	2.7	25
33	A new species of wren (Troglodytidae: <i>Thryophilus</i> ) from the dry Cauca River Canyon, northwestern Colombia. <i>Auk</i> , 2012, 129, 537-550.	1.4	25
34	On the importance of geographic and taxonomic sampling in phylogeography: A reevaluation of diversification and species limits in a Neotropical thrush (Aves, Turdidae). <i>Molecular Phylogenetics and Evolution</i> , 2017, 111, 87-97.	2.7	23
35	The genomic revolution and species delimitation in birds (and other organisms): Why phenotypes should not be overlooked. <i>Auk</i> , 2021, 138, .	1.4	23
36	A taxonomic revision of the Paramo Tapaculo <i>Scytalopus canus</i> Chapman (Aves: Rhinocryptidae), with description of a new subspecies from Ecuador and Peru. <i>Zootaxa</i> , 2010, 2354, 56.	0.5	20

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37	Revising Species Limits in a Group of <i>Myrmeciza</i> Antbirds Reveals a Cryptic Species Within <i>M. Laemosticta</i> (Thamnophilidae). <i>Condor</i> , 2010, 112, 718-730.	1.6	20
38	A new species of tapaculo (Rhinocryptidae: <i>Scytalopus</i> ) from the Serranía de Perijá of Colombia and Venezuela. <i>Auk</i> , 2015, 132, 450-466.	1.4	20
39	Origin and cross-century dynamics of an avian hybrid zone. <i>BMC Evolutionary Biology</i> , 2017, 17, 257.	3.2	20
40	Untangling cryptic diversity in the High Andes: Revision of the <i>Scytalopus</i> [magellanicus] complex (Rhinocryptidae) in Peru reveals three new species. <i>Auk</i> , 2020, 137, .	1.4	20
41	Reassessment of the systematics of the widespread Neotropical genus <i>Cercomacra</i> (Aves: Tj ETQq1 1 0.784314 rgBT /Overlock 19	2.3	19
42	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
43	Sensitivity of Metrics of Phylogenetic Structure to Scale, Source of Data and Species Pool of Hummingbird Assemblages along Elevational Gradients. <i>PLoS ONE</i> , 2012, 7, e35472.	2.5	18
44	Shallow genetic divergence and distinct phenotypic differences between two Andean hummingbirds: Speciation with gene flow?. <i>Auk</i> , 2019, 136, .	1.4	18
45	Efficiency, bias, and consistency of visual and aural surveys of curassows (Cracidae) in tropical forests. <i>Journal of Field Ornithology</i> , 2003, 74, 210-216.	0.5	15
46	Reconstructing the phylogeny of Buarremon brush-finches and near relatives (Aves, Emberizidae) from individual gene trees. <i>Molecular Phylogenetics and Evolution</i> , 2011, 58, 297-303.	2.7	15
47	Evolutionary conservatism will limit responses to climate change in the tropics. <i>Biology Letters</i> , 2021, 17, 20210363.	2.3	15
48	Phylogeny and Classification of Automolus Foliage-gleaners and Allies (Furnariidae). <i>Condor</i> , 2013, 115, 375-385.	1.6	14
49	Origin of Elevational Replacements in a Clade of Nearly Flightless Birds: Most Diversity in Tropical Mountains Accumulates via Secondary Contact Following Allopatric Speciation. <i>Fascinating Life Sciences</i> , 2020, , 635-659.	0.9	14
50	NESTING RECORDS OF FIVE ANTIBIRD SPECIES FROM THE COLOMBIAN AMAZON. <i>The Wilson Bulletin</i> , 2000, 112, 313-317.	0.5	13
51	Taxonomic evaluation of the <i>Grallaria rufula</i> (Rufous Antpitta) complex (Aves: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.5	12
52	A rare case of interspecific hybridization in the tracheophone suboscines: Chestnut-naped Antpitta <i>Grallaria nuchalis</i> —Chestnut-crowned Antpitta <i>G. aruficapilla</i> in a fragmented Andean landscape. <i>Ibis</i> , 2007, 149, 814-825.	1.9	11
53	Taxonomy and conservation: a tale of two tinamou species groups (Tinamidae, <i>Crypturellus</i> ). <i>Journal of Avian Biology</i> , 2014, 45, 484-492.	1.2	11
54	Home range size of an Andean bird: Assessing the role of physical condition. <i>Biotropica</i> , 2019, 51, 591-599.	1.6	11

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55	Range-wide populations of a long-distance migratory songbird converge during stopover in the tropics. <i>Ecological Monographs</i> , 2019, 89, e01349.	5.4	11
56	Genetic Differentiation, Niche Divergence, and the Origin and Maintenance of the Disjunct Distribution in the Blossomcrown Anthocephala floriceps (Trochilidae). <i>PLoS ONE</i> , 2014, 9, e108345.	2.5	10
57	A new species of tapaculo (Rhinocryptidae: <i>Scytalopus</i> ) from the Western Andes of Colombia. <i>Auk</i> , 2017, 134, 377-392.	1.4	10
58	Change in avian functional fingerprints of a Neotropical montane forest over 100 years as an indicator of ecosystem integrity. <i>Conservation Biology</i> , 2021, 35, 1552-1563.	4.7	10
59	Limits to elevational distributions in two species of emberizine finches: disentangling the role of interspecific competition, autoecology, and geographic variation in the environment. <i>Ecography</i> , 2007, 30, 491-504.	4.5	9
60	Is the largest river valley west of the Andes a driver of diversification in Neotropical lowland birds?. <i>Auk</i> , 2017, 134, 168-180.	1.4	9
61	Territorial males do not discriminate between local and novel plumage phenotypes in a tropical songbird species complex: implications for the role of social selection in trait evolution. <i>Behavioral Ecology and Sociobiology</i> , 2021, 75, 1.	1.4	9
62	Phylogenetic Relationships of the Red-Bellied Grackle (Icteridae: <i>Hypopyrrhus Pyrohypogaster</i> ) Inferred From Mitochondrial DNA Sequence Data. <i>Condor</i> , 2004, 106, 664-670.	1.6	8
63	Extensive hybridization between two Andean warbler species with shallow divergence in mtDNA. <i>Auk</i> , 2021, 138, .	1.4	8
64	PHYLOGENETIC RELATIONSHIPS OF THE RED-BELLIED GRACKLE (ICTERIDAE: HYPOPYRRHUS) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	1.6	7
65	<i>De Novo</i> Assembly of a High-Quality Reference Genome for the Horned Lark ( <i>Eremophila</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 1.8 7	1.8	7
66	No evidence for widespread bird declines in protected South American forests. <i>Climatic Change</i> , 2011, 108, 383-386.	3.6	6
67	Display behaviour, social organization and vocal repertoire of Blue-backed Manakin <i>Chiroxiphia pareola napensis</i> in northwest Amazonia. <i>Ibis</i> , 2018, 160, 269-282.	1.9	6
68	THE NEST AND EGGS OF THE CINEREOUS MOURNER (LANIOCERA HYPOPYRRA). <i>The Wilson Bulletin</i> , 2003, 115, 115-118.	0.5	5
69	Toxic metals and associated sporulated bacteria on Andean hummingbird feathers. <i>Environmental Science and Pollution Research</i> , 2016, 23, 22968-22979.	5.3	5
70	Vocal behavior and microgeographic variation in song types in a Neotropical songbird. <i>Journal of Ornithology</i> , 0, , 1.	1.1	5
71	Hybridization in brushfinches ( <i>Atlapetes</i> , Emberizidae) from the southeast Andes of Colombia: a consequence of habitat disturbance?. <i>Journal of Ornithology</i> , 2018, 159, 713-722.	1.1	4
72	Molecular and morphological differentiation among Torrent Duck ( <i>Merganetta armata</i> ) populations in the Andes. <i>Zoologica Scripta</i> , 2019, 48, 589-604.	1.7	4

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73	Novel tetranucleotide microsatellite DNA markers for members of the Henicorhina Wood-wren species complex (Aves, Troglodytidae). <i>Conservation Genetics Resources</i> , 2012, 4, 419-421.	0.8	3
74	Neutral and functionally important genes shed light on phylogeography and the history of high-altitude colonization in a widespread New World duck. <i>Ecology and Evolution</i> , 2018, 8, 6515-6528.	1.9	3
75	Migratory connectivity then and now: a northward shift in breeding origins of a long-distance migratory bird wintering in the tropics. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210188.	2.6	3
76	Reexpedici3n Colombia: Entender el pasado para empoderar acciones que fortalezcan el conocimiento y conservaci3n de las aves. <i>Biota Colombiana</i> , 2022, 23, e984.	0.3	3
77	The Yellow-green Bush-tanager is neither a bush-tanager nor a sparrow: &lt;br /&gt;Molecular phylogenetics reveals that <i>Chlorospingus flavovirens</i> is a tanager (Aves: Passeriformes; Thraupidae). <i>Zootaxa</i> , 2016, 4136, 373-81.	0.5	2
78	Plumage convergence resulting from social mimicry in birds? A tetrachromatic view. <i>Animal Behaviour</i> , 2021, 180, 337-361.	1.9	2
79	Variation in insulative feather structure in songbirds replacing each other along a tropical elevation gradient. <i>Ecology and Evolution</i> , 2022, 12, e8698.	1.9	1