Santiago R Ron

List of Publications by Year
in descending order

87 papers	5,384 citations	279798 23 h-index	88630 70 g-index
90 all docs	90 docs citations	90 times ranked	6918 citing authors

#	Article	IF	Citations
1	Widespread amphibian extinctions from epidemic disease driven by global warming. Nature, 2006, 439, 161-167.	27.8	1,420
2	The Impact of Conservation on the Status of the Worldâ€™s Vertebrates. Science, 2010, 330, 1503-1509.	12.6	1,209
3	INTEGRATING PHYLOGENETICS AND ENVIRONMENTAL NICHE MODELS TO EXPLORE SPECIATION MECHANISMS IN DENDROBATID FROGS. Evolution; International Journal of Organic Evolution, 2004, 58, 1781-1793.	2.3	515
4	Population Declines and Priorities for Amphibian Conservation in Latin America. Conservation Biology, 2001, 15, 1213-1223.	4.7	229
5	High levels of cryptic species diversity uncovered in Amazonian frogs. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1806-1814.	2.6	227
6	Predicting the Distribution of the Amphibian Pathogen Batrachochytrium dendrobatidis in the New World1. Biotropica, 2005, 37, 209-221.	1.6	186
7	Phylogenomics Reveals Ancient Gene Tree Discordance in the Amphibian Tree of Life. Systematic Biology, 2021, 70, 49-66.	5.6	124
8	Biogeographic area relationships of lowland Neotropical rainforest based on raw distributions of vertebrate groups. Biological Journal of the Linnean Society, 2000, 71, 379-402.	1.6	96
9	Population Decline of the Jambato Toad Atelopus ignescens (Anura: Bufonidae) in the Andes of Ecuador. Journal of Herpetology, 2003, 37, 116-126.	0.5	95
10	Cambios en la Diversidad en Siete Comunidades de Anuros en los Andes de Ecuador1. Biotropica, 2005, 37, 180-189.	1.6	55
11	Insights from Integrative Systematics Reveal Cryptic Diversity in Pristimantis Frogs (Anura:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.5	53
12	Phylogeny of the tÃºngara frog genus Engystomops (=Physalaemus pustulosus species group; Anura:) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.7	50
13	ANCIENT TEPUI SUMMITS HARBOR YOUNG RATHER THAN OLD LINEAGES OF ENDEMIC FROGS. Evolution; International Journal of Organic Evolution, 2012, 66, 3000-3013.	2.3	50
14	Elevational and microclimatic drivers of thermal tolerance in Andean Pristimantis frogs. Journal of Biogeography, 2019, 46, 1664-1675.	3.0	47
15	Systematics of treefrogs of the Hypsiboas calcaratus and Hypsiboas fasciatus species complex (Anura,) Tj ETQq1 1 0.784314 rgBT /O	1.1	45
16	Five new (extinct?) species of Atelopus (Anura: Bufonidae) from Andean Colombia, Ecuador, and Peru. Zootaxa, 2010, 2574, 1.	0.5	36
17	A NEW SPECIES OF FROG OF THE ELEUTHERODACTYLUS LACRIMOSUS ASSEMBLAGE (LEPTODACTYLIDAE) FROM THE WESTERN AMAZON BASIN, WITH COMMENTS ON THE UTILITY OF CANOPY SURVEYS IN LOWLAND RAINFOREST. Herpetologica, 2006, 62, 191-202.	0.4	34
18	Mate choice and courtship signal differentiation promotes speciation in an Amazonian frog. Behavioral Ecology, 2008, 19, 1128-1135.	2.2	32

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19	The birth of aposematism: High phenotypic divergence and low genetic diversity in a young clade of poison frogs. Molecular Phylogenetics and Evolution, 2017, 109, 283-295.	2.7	32
20	A Pan-Amazonian species delimitation: high species diversity within the genusAmazophrynella(Anura: Bufonidae). PeerJ, 2018, 6, e4941.	2.0	32
21	The evolution of female mate choice for complex calls in tÃºngara frogs. Animal Behaviour, 2008, 76, 1783-1794.	1.9	31
22	Systematics of Huicundomantis, a new subgenus of Pristimantis (Anura, Strabomantidae) with extraordinary cryptic diversity and eleven new species. ZooKeys, 2019, 868, 1-112.	1.1	31
23	Historical biogeography identifies a possible role of Miocene wetlands in the diversification of the Amazonian rocket frogs (Aromobatidae: Allobates). Journal of Biogeography, 2020, 47, 2472-2482.	3.0	31
24	Evolution in the Genus Rhinella: A Total Evidence Phylogenetic Analysis of Neotropical True Toads (Anura: Bufonidae). Bulletin of the American Museum of Natural History, 2021, 447, .	3.4	31
25	Human Influence on the Wariness of Melanosuchus niger and Caiman crocodilus in Cuyabeno, Ecuador. Journal of Herpetology, 1998, 32, 320.	0.5	26
26	Multiple origins of green coloration in frogs mediated by a novel biliverdin-binding serpin. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18574-18581.	7.1	26
27	Systematics of the Osteocephalus buckleyi species complex (Anura, Hylidae) from Ecuador and Peru. ZooKeys, 2012, 229, 1-52.	1.1	24
28	A NEW, CRYPTIC SPECIES OF PHYSALAEMUS (ANURA: LEPTODACTYLIDAE) FROM WESTERN ECUADOR WITH COMMENTS ON THE CALL STRUCTURE OF THE P. PUSTULOSUS SPECIES GROUP. Herpetologica, 2005, 61, 178-198.	0.4	23
29	Species diversity and biogeography of an ancient frog clade from the Guiana Shield (Anura:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T f 5 phenotypic diversification. Biological Journal of the Linnean Society, 2021, 132, 233-256.	1.6	23
30	Two new species of hylid frogs, genus Osteocephalus, from Amazonian Ecuador. Amphibia - Reptilia, 2000, 21, 327-340.	0.5	21
31	Ecological and genetic divergence between two lineages of Middle American tungara frogs Physalaemus (=Engystomops) pustulosus. BMC Evolutionary Biology, 2010, 10, 146.	3.2	21
32	Systematics of the Rhinella margaritifera complex (Anura, Bufonidae) from western Ecuador and Panama with insights in the biogeography of Rhinella alata. ZooKeys, 2015, 501, 109-145.	1.1	21
33	Diversification history of clown tree frogs in Neotropical rainforests (Anura, Hylidae,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 18	2.7	21
34	Systematics of the Dendropsophus leucophyllatus species complex (Anura: Hylidae): Cryptic diversity and the description of two new species. PLoS ONE, 2017, 12, e0171785.	2.5	21
35	Systematics and biogeography of theBoana albopunctataspecies group (Anura, Hylidae), with the description of two new species from Amazonia. Systematics and Biodiversity, 2021, 19, 375-399.	1.2	20
36	Global warming and amphibian losses; The proximate cause of frog declines? (Reply). Nature, 2007, 447, E5-E6.	27.8	19

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37	Two new species of frogs of the genus Pristimantis from Llanganates National Park in Ecuador with comments on the regional diversity of Ecuadorian Pristimantis (Anura, Craugastoridae). ZooKeys, 2016, 593, 139-162.	1.1	19
38	INTEGRATING PHYLOGENETICS AND ENVIRONMENTAL NICHE MODELS TO EXPLORE SPECIATION MECHANISMS IN DENDROBATID FROGS. Evolution; International Journal of Organic Evolution, 2004, 58, 1781.	2.3	18
39	A new Dendropsophus Fitzinger, 1843 (Anura: Hylidae) of the parviceps group from the lowlands of the Guiana Shield. Zootaxa, 2015, 4052, 39.	0.5	15
40	Taxonomic revision and phylogenetic position of Osteocephalus festae (Anura, Hylidae) with description of its larva. ZooKeys, 2010, 70, 67-92.	1.1	14
41	A new species of terrestrial frog Pristimantis (Strabomantidae) from the upper basin of the Pastaza River, Ecuador. ZooKeys, 2019, 832, 113-133.	1.1	14
42	Biogeographic area relationships of lowland Neotropical rainforest based on raw distributions of vertebrate groups. Biological Journal of the Linnean Society, 2000, 71, 379-402.	1.6	14
43	Systematics of Ecnomiohyla tuberculosa with the description of a new species and comments on the taxonomy of Trachycephalus typhonius (Anura, Hylidae). ZooKeys, 2016, 630, 115-154.	1.1	14
44	TWO NEW SPECIES OF PHYSALAEMUS (ANURA: LEPTODACTYLIDAE) FROM WESTERN ECUADOR. Herpetologica, 2004, 60, 261-275.	0.4	13
45	Una especie nueva de rana venenosa de altura del gÃ©nero Excidobates (Dendrobatoidea: Dendrobatidae) de la Cordillera del CÃ³ndor. Papeis Avulsos De Zoologia, 2012, 52, 387-399.	0.4	13
46	Changes in Population Size and Survival inAtelopus spumarius(Anura: Bufonidae) Are Not Correlated with Chytrid Prevalence. Journal of Herpetology, 2014, 48, 291-297.	0.5	13
47	Discovering Hidden Diversity of Characins (Teleostei: Characiformes) in Ecuadorâ€™s YasunÃ-National Park. PLoS ONE, 2015, 10, e0135569.	2.5	12
48	Structural and Heterochronic Variations During the Early Ontogeny in Toads (Anura: Bufonidae). Herpetological Monographs, 2016, 30, 79-118.	0.8	12
49	Species limits within the widespread Amazonian treefrog Dendropsophus parviceps with descriptions of two new species (Anura, Hylidae). ZooKeys, 2018, 726, 25-77.	1.1	12
50	Una especie nueva de rana arbÃ³rea del gÃ©nero Hyloscirtus (Amphibia: Anura: Hylidae) de la Cordillera del CÃ³ndor. Papeis Avulsos De Zoologia, 2014, 54, 33-49.	0.4	12
51	Reproductive traits associated with species turnover of amphibians in Amazonia and its Andean slopes. Ecology and Evolution, 2017, 7, 2489-2500.	1.9	11
52	Three new species of frogs of the genus Pristimantis (Anura, Strabomantidae) with a redefinition of the P. lacrimosus species group. ZooKeys, 2020, 993, 121-155.	1.1	11
53	<strong>Systematics of the endangered toad genus Andinophryne (Anura:) Tj ETQq1 1 0.784314 rgBT /O 3947, 347.	0.5	10
54	A new treefrog from Cordillera del CÃ³ndor with comments on the biogeographic affinity between Cordillera del CÃ³ndor and the Guianan Tepuis (Anura, Hylidae, Hyloscirtus). ZooKeys, 2018, 809, 97-124.	1.1	10

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55	Advertisement calls and DNA sequences reveal a new species of Scinax (Anura: Hylidae) on the Pacific lowlands of Ecuador. PLoS ONE, 2018, 13, e0203169.	2.5	10
56	A new species of Engystomops (Anura: Leiuperidae) from southwestern Ecuador. Zootaxa, 2010, 2606, 25.	0.5	10
57	Systematics of the Boana semilineata species group (Anura: Hylidae), with a description of two new species from Amazonian Ecuador. Zoological Journal of the Linnean Society, 2020, 190, 149-180.	2.3	9
58	Diversification of tiny toads (Bufonidae:Amazophrynella) sheds light on ancient landscape dynamism in Amazonia. Biological Journal of the Linnean Society, 2022, 136, 75-91.	1.6	9
59	Nueva especie de rana bromelÃcola del gÃ©nero Pristimantis (Amphibia:ÂCraugastoridae), meseta de la Cordillera del CÃ³ndor, Ecuador. Papeis Avulsos De Zoologia, 2017, 57, 177-195.	0.4	8
60	A new species of direct-developing frog of the genus Pristimantis (Anura: Terrarana: Craugastoridae) from Cordillera del CÃ³ndor, Ecuador, with comments on threats to the anuran fauna of the region. Zootaxa, 2017, 4353, 447.	0.5	8
61	A new species of terrestrial frog of the genusNoblellaBarbour, 1930 (Amphibia: Strabomantidae) from the Llanganates-Sangay Ecological Corridor, Tungurahua, Ecuador. PeerJ, 2019, 7, e7405.	2.0	8
62	Una especie nueva de rana del gÃ©nero Chiasmocleis (Microhylidae:ÂGastrophryninae) de la Cordillera del CÃ³ndor, Ecuador. Papeis Avulsos De Zoologia, 2017, 57, 119-136.	0.4	7
63	Empowering Latina scientists. Science, 2019, 363, 825-826.	12.6	7
64	Description and phylogenetic relationships of a new species of treefrog of theOsteocephalus buckleyispecies group (Anura: Hylidae). Neotropical Biodiversity, 2020, 6, 21-36.	0.5	7
65	A new cryptic species of the Pristimantis lacrimosus group (Anura, Strabomantidae) from the eastern slopes of the Ecuadorian Andes. Evolutionary Systematics, 0, 5, 151-175.	0.7	7
66	The Pristimantis trachyblepharis species group, a clade of miniaturized frogs: description of four new species and insights into the evolution of body size in the genus. Zoological Journal of the Linnean Society, 2022, 195, 315-354.	2.3	7
67	Relaciones filogenÃ©ticas del subgÃ©nero Hypodictyon (Anura: Strabomantidae: Pristimantis) con la descripciÃ³n de tres especies nuevas de la regiÃ³n del ChocÃ³. Revista Mexicana De Biodiversidad, 2020, 91, 913013.	0.4	7
68	A new species of small tree frog, genus <i>Dendropsophus</i> (Anura: Hylidae) from the eastern Amazon lowlands of Ecuador. Zootaxa, 2013, 3652, 163.	0.5	6
69	A bizarre new species of Lynchius (Amphibia, Anura, Strabomantidae) from the Andes of Ecuador and first report of Lynchius parkeri in Ecuador. Zootaxa, 2019, 4567, zootaxa.4567.1.1.	0.5	6
70	Postâ€epizootic microbiome associations across communities of neotropical amphibians. Molecular Ecology, 2021, 30, 1322-1335.	3.9	6
71	Description and phylogenetic relationships of a new trans-Andean species of Elachistocleis Parker 1927 (Amphibia, Anura, Microhylidae). Zootaxa, 2020, 4779, zootaxa.4779.3.2.	0.5	6
72	Description of a new minute frog of the genus Pristimantis (Anura: Strabomantidae) from Cordillera del Condor, Ecuador. Zootaxa, 2021, 5072, 351-372.	0.5	6

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73	Molecular and Ecological Characterization of Extralimital Populations of Red-Legged Frogs from Western North America. Journal of Herpetology, 2008, 42, 668.	0.5	5
74	Mating patterns and post-mating isolation in three cryptic species of the Engystomops petersi species complex. PLoS ONE, 2017, 12, e0174743.	2.5	5
75	Long-Term Monitoring Reveals Population Decline of Spectacled Caimans (Caiman crocodilus) at a Black-Water Lake in Ecuadorian Amazon. Journal of Herpetology, 2020, 54, 31.	0.5	5
76	Feeding Habits ofEngystomops pustulatus(Anura: Leptodactylidae) in Western Ecuador. South American Journal of Herpetology, 2013, 8, 161-167.	0.5	4
77	<p class="HeadingRunIn">The Phyllomedusa perinesos group (Anura: Hylidae) is derived from a Miocene Amazonian Lineage</p>. Zootaxa, 2013, 3741, 289.	0.5	4
78	A new species of Pristimantis from southern Ecuador (Anura, Craugastoridae). ZooKeys, 2016, 606, 77-97.	1.1	4
79	Two extremely rare new species of fossorial salamanders of the genusOedipina(Plethodontidae) from northwestern Ecuador. PeerJ, 2020, 8, e9934.	2.0	4
80	Redescription of the Amazonian tiny tree toad Amazophrynella minuta (Melin, 1941) (Anura: Bufonidae) from its type locality. Zootaxa, 2018, 4482, 511-526.	0.5	3
81	Resolving the taxonomic puzzle of Boana cinerascens (Spix, 1824), with resurrection of Hyla granosa gracilis Melin, 1941 (Anura: Hylidae). Zootaxa, 2020, 4750, zootaxa.4750.1.1.	0.5	3
82	Rediscovery of the Endangered Carchi Andean Toad, Rhaebo colomai (Hoogmoed, 1985), in Ecuador, with comments on its conservation status and extinction risk. Check List, 2019, 15, 415-419.	0.4	3
83	Spawning behaviour of Engystomops pustulatus (Anura: Leptodactylidae). Journal of Natural History, 2017, 51, 267-275.	0.5	2
84	Prepollex diversity and evolution in Cophomantini (Anura: Hylidae: Hylinae). Zoological Journal of the Linnean Society, 2022, 195, 995-1021.	2.3	2
85	A polymorphism in oocyte pigmentation in natural populations of the glass frog Espadarana prosoblepon (Centrolenidae). International Journal of Developmental Biology, 2021, 65, 333-344.	0.6	1
86	Amphibians and reptiles of Wildsumaco Wildlife Sanctuary, Napo Province, Ecuador. Check List, 2021, 17, 729-751.	0.4	1
87	Pristimantis citriogaster Duellman, 1992 (Amphibia: Craugastoridae): first record from Ecuador, altitudinal distribution extension with distribution map and phylogram. Check List, 2012, 8, 513.	0.4	1