

Guillermo Velo-Antón

List of Publications by Year in descending order

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83
papers

1,822
citations

257101

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docs citations

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times ranked

2225
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#	ARTICLE	IF	CITATIONS
1	Independent evolutionary transitions to pueriparity across multiple timescales in the viviparous genus <i>Salamandra</i> . <i>Molecular Phylogenetics and Evolution</i> , 2022, 167, 107347.	1.2	3
2	Morphological diversification of Mediterranean anurans: the roles of evolutionary history and climate. <i>Biological Journal of the Linnean Society</i> , 2022, 135, 462-477.	0.7	4
3	COI Metabarcoding Provides Insights into the Highly Diverse Diet of a Generalist Salamander, <i>Salamandra salamandra</i> (Caudata: Salamandridae). <i>Diversity</i> , 2022, 14, 89.	0.7	3
4	Range-wide genomic scans and tests for selection identify non-neutral spatial patterns of genetic variation in a non-model amphibian species (<i>Pelobates cultripes</i>). <i>Conservation Genetics</i> , 2022, 23, 387-400.	0.8	2
5	Blood parasite diversity (Apicomplexa: Haemogregarinidae) within the western populations of the European pond turtle <i>Emys orbicularis</i> . <i>Systematic Parasitology</i> , 2022, 99, 367-373.	0.5	2
6	Adapt biodiversity targets to climate change. <i>Science</i> , 2022, 376, 589-590.	6.0	1
7	Evaluating surrogates of genetic diversity for conservation planning. <i>Conservation Biology</i> , 2021, 35, 634-642.	2.4	13
8	Species detection from aquatic eDNA: Assessing the importance of capture methods. <i>Environmental DNA</i> , 2021, 3, 435-448.	3.1	17
9	Beyond the comfort zone: amphibian diversity and distribution in the West Sahara-Sahel using mtDNA and nuDNA barcoding and spatial modelling. <i>Conservation Genetics</i> , 2021, 22, 233-248.	0.8	2
10	Genetic assignment of captive European pond turtles (<i>Emys orbicularis</i>) increases conservation value of recovery centres. <i>Journal for Nature Conservation</i> , 2021, 59, 125953.	0.8	2
11	Physical and ecological isolation contribute to maintain genetic differentiation between fire salamander subspecies. <i>Heredity</i> , 2021, 126, 776-789.	1.2	19
12	Riverine barriers to gene flow in a salamander with both aquatic and terrestrial reproduction. <i>Evolutionary Ecology</i> , 2021, 35, 483-511.	0.5	14
13	Phylogenomic inference of species and subspecies diversity in the Palearctic salamander genus <i>Salamandra</i> . <i>Molecular Phylogenetics and Evolution</i> , 2021, 157, 107063.	1.2	22
14	Landscape resistance constrains hybridization across contact zones in a reproductively and morphologically polymorphic salamander. <i>Scientific Reports</i> , 2021, 11, 9259.	1.6	6
15	Potential negative effects of the Green Wall on Sahel's biodiversity. <i>Conservation Biology</i> , 2021, 35, 1966-1968.	2.4	3
16	Batrachochytrium salamandrivorans Threat to the Iberian Urodele Hotspot. <i>Journal of Fungi (Basel)</i> , 2021, 7, 15.	1.5	5
17	Phylogeographic diversification of the <i>Mesalina olivieri</i> species complex (Squamata: Lacertidae) with the description of a new species and a new subspecies endemic from North West Africa. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2021, 59, 2321-2349.	0.6	5
18	The role of Sahara highlands in the diversification and desert colonization of the Bosc's fringe-toed lizard. <i>Journal of Biogeography</i> , 2021, 48, 2891-2906.	1.4	8

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19	Integrative taxonomy reveals two species and intraspecific differentiation in the <i>Vipera latastei</i> - <i>monticola</i> complex. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2021, 59, 2278-2306.	0.6	7
20	Evolutionary History and Not Heterochronic Modifications Associated with Viviparity Drive Head Shape Differentiation in a Reproductive Polymorphic Species, <i>Salamandra salamandra</i> . <i>Evolutionary Biology</i> , 2020, 47, 43-55.	0.5	8
21	Comparative assessment of range-wide patterns of genetic diversity and structure with SNPs and microsatellites: A case study with Iberian amphibians. <i>Ecology and Evolution</i> , 2020, 10, 10353-10363.	0.8	23
22	Conservation planning for adaptive and neutral evolutionary processes. <i>Journal of Applied Ecology</i> , 2020, 57, 2159-2169.	1.9	20
23	The evolution of pueriparity maintains multiple paternity in a polymorphic viviparous salamander. <i>Scientific Reports</i> , 2020, 10, 14744.	1.6	5
24	Evaluating taxonomic inflation: towards evidence-based species delimitation in Eurasian vipers (Serpentes: Viperinae). <i>Amphibia - Reptilia</i> , 2020, 41, 285-311.	0.1	45
25	Climatic refugia boosted allopatric diversification in Western Mediterranean vipers. <i>Journal of Biogeography</i> , 2020, 47, 1698-1713.	1.4	37
26	Comparative landscape genetics reveals the evolution of viviparity reduces genetic connectivity in fire salamanders. <i>Molecular Ecology</i> , 2019, 28, 4573-4591.	2.0	20
27	Genes on the edge: A framework to detect genetic diversity imperiled by climate change. <i>Global Change Biology</i> , 2019, 25, 4034-4047.	4.2	24
28	Phylin 2.0: Extending the phylogeographical interpolation method to include uncertainty and user-defined distance metrics. <i>Molecular Ecology Resources</i> , 2019, 19, 1081-1094.	2.2	10
29	Intraspecific genetic diversity and distribution of North African hedgehogs (Mammalia: Erinaceidae). <i>Biological Journal of the Linnean Society</i> , 2019, 127, 156-163.	0.7	5
30	Allopatric diversification and evolutionary melting pot in a North African Palearctic relict: The biogeographic history of <i>Salamandra algira</i> . <i>Molecular Phylogenetics and Evolution</i> , 2019, 130, 81-91.	1.2	25
31	Living on the edge: Ecological and genetic connectivity of the spiny-footed lizard, <i>Acanthodactylus aureus</i> , confirms the Atlantic Sahara desert as a biogeographic corridor and centre of lineage diversification. <i>Journal of Biogeography</i> , 2018, 45, 1031-1042.	1.4	24
32	Role of colonization history and species-specific traits on contemporary genetic variation of two salamander species in a Holocene island-mainland system. <i>Journal of Biogeography</i> , 2018, 45, 1054-1066.	1.4	11
33	Chasing the phantom: biogeography and conservation of <i>Vipera latastei</i> - <i>monticola</i> in the Maghreb (North Africa). <i>Amphibia - Reptilia</i> , 2018, 39, 145-161.	0.1	9
34	Fine-scale genetic structure in a salamander with two reproductive modes: Does reproductive mode affect dispersal?. <i>Evolutionary Ecology</i> , 2018, 32, 699-732.	0.5	17
35	Challenges for assessing vertebrate diversity in turbid Saharan water-bodies using environmental DNA. <i>Genome</i> , 2018, 61, 807-814.	0.9	26
36	Complex hybridization patterns in European pond turtles (<i>Emys orbicularis</i>) in the Pyrenean Region. <i>Scientific Reports</i> , 2018, 8, 15925.	1.6	17

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37	Combining phylogeography and landscape genetics to infer the evolutionary history of a short-range Mediterranean relict, <i>Salamandra salamandra longirostris</i> . <i>Conservation Genetics</i> , 2018, 19, 1411-1424.	0.8	15
38	Assessing the role of aridity-induced vicariance and ecological divergence in species diversification in North-West Africa using <i>Agama</i> lizards. <i>Biological Journal of the Linnean Society</i> , 2018, 124, 363-380.	0.7	17
39	Allele surfing shaped the genetic structure of the European pond turtle via colonization and population expansion across the Iberian Peninsula from Africa. <i>Journal of Biogeography</i> , 2018, 45, 2202-2215.	1.4	17
40	Trapped within the city: integrating demography, time since isolation and population-specific traits to assess the genetic effects of urbanization. <i>Molecular Ecology</i> , 2017, 26, 1498-1514.	2.0	73
41	A non-invasive geometric morphometrics method for exploring variation in dorsal head shape in urodeles: sexual dimorphism and geographic variation in <i>Salamandra salamandra</i> . <i>Journal of Morphology</i> , 2017, 278, 475-485.	0.6	11
42	Spatial conservation prioritization of biodiversity spanning the evolutionary continuum. <i>Nature Ecology and Evolution</i> , 2017, 1, 151.	3.4	73
43	Prevalence and genetic diversity of <i>Batrachochytrium dendrobatidis</i> in Central African island and continental amphibian communities. <i>Ecology and Evolution</i> , 2017, 7, 7729-7738.	0.8	14
44	Integrative phylogeographical and ecological analysis reveals multiple Pleistocene refugia for Mediterranean <i>Daboia</i> vipers in north-west Africa. <i>Biological Journal of the Linnean Society</i> , 2017, 122, 366-384.	0.7	37
45	Ethological and phenotypic divergence in insular fire salamanders: diurnal activity mediated by predation?. <i>Acta Ethologica</i> , 2017, 20, 243-253.	0.4	14
46	How little do we know about the reproductive mode in the north African salamander, <i>Salamandra algira</i> ? Pueriparity in divergent mitochondrial lineages of <i>S. a. tingitana</i> . <i>Amphibia - Reptilia</i> , 2017, 38, 540-546.	0.1	8
47	Conservation Biogeography of the Sahara-Sahel: additional protected areas are needed to secure unique biodiversity. <i>Diversity and Distributions</i> , 2016, 22, 371-384.	1.9	46
48	The complete mitochondrial genome of <i>Salamandra salamandra</i> (Amphibia: Urodela: Salamandridae). <i>Mitochondrial DNA Part B: Resources</i> , 2016, 1, 880-882.	0.2	2
49	Development of 23 microsatellite loci for Boulenger's agama (<i>Agama boulengeri</i>) with partial cross-amplification in another <i>Agama</i> species. <i>Amphibia - Reptilia</i> , 2016, 37, 246-252.	0.1	0
50	<i>Salamandra</i> . <i>Current Biology</i> , 2016, 26, R696-R697.	1.8	4
51	Pleistocene diversification in Morocco and recent demographic expansion in the Mediterranean pond turtle <i>Mauremys leprosa</i> . <i>Biological Journal of the Linnean Society</i> , 2016, 119, 943-959.	0.7	32
52	Colour polymorphism in <i>Salamandra salamandra</i> (Amphibia: Urodela), revealed by a lack of genetic and environmental differentiation between distinct phenotypes. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2016, 54, 127-136.	0.6	26
53	Development and characterization of polymorphic microsatellite loci for spiny-footed lizards, <i>Acanthodactylus scutellatus</i> group (Reptilia, Lacertidae) from arid regions. <i>BMC Research Notes</i> , 2015, 8, 794.	0.6	1
54	Out of Africa: did <i>Emys orbicularis occidentalis</i> cross the Strait of Gibraltar twice?. <i>Amphibia - Reptilia</i> , 2015, 36, 133-140.	0.1	14

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55	Intraspecific variation in clutch size and maternal investment in pueriparous and larviparous <i>Salamandra salamandra</i> females. <i>Evolutionary Ecology</i> , 2015, 29, 185-204.	0.5	26
56	Assessment of census (N) and effective population size (N _e) reveals consistency of N _e single-sample estimators and a high N _e /N ratio in an urban and isolated population of fire salamanders. <i>Conservation Genetics Resources</i> , 2015, 7, 705-712.	0.4	21
57	Differentiation of North African foxes and population genetic dynamics in the desert—insights into the evolutionary history of two sister taxa, <i>Vulpes rueppellii</i> and <i>Vulpes vulpes</i> . <i>Organisms Diversity and Evolution</i> , 2015, 15, 731-745.	0.7	30
58	<sc>phylin</sc>: an <sc>r</sc> package for phylogeographic interpolation. <i>Molecular Ecology Resources</i> , 2015, 15, 349-357.	2.2	20
59	Trapped by climate: interglacial refuge and recent population expansion in the endemic Iberian adder <i>Vipera seoanei</i> . <i>Diversity and Distributions</i> , 2015, 21, 331-344.	1.9	48
60	The influence of geological history on diversification in insular species: genetic and morphological patterns of <i>Micromeria</i> Benth. (Lamiaceae) in Tenerife (Canary archipelago). <i>Journal of Biogeography</i> , 2014, 41, 1871-1882.	1.4	12
61	Unravelling biodiversity, evolution and threats to conservation in the Sahara-Sahel. <i>Biological Reviews</i> , 2014, 89, 215-231.	4.7	170
62	Where are you from, stranger? The enigmatic biogeography of North African pond turtles (Emys) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	0.7	37
63	A Critically Endangered new dragonfly species from Morocco: <i>Onychogomphus boudoti</i> sp. nov. (Odonata: Gomphidae). <i>Zootaxa</i> , 2014, 3856, 349-65.	0.2	19
64	Should I Stay or Should I Go? Dispersal and Population Structure in Small, Isolated Desert Populations of West African Crocodiles. <i>PLoS ONE</i> , 2014, 9, e94626.	1.1	29
65	Tracking climate change in a dispersal-limited species: reduced spatial and genetic connectivity in a montane salamander. <i>Molecular Ecology</i> , 2013, 22, 3261-3278.	2.0	76
66	Cross-amplification of microsatellite loci for the Mediterranean stripe-necked terrapin (<i>Mauremys</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 0	0.1	0
67	Genetic drift and rapid evolution of viviparity in insular fire salamanders (<i>Salamandra salamandra</i>). <i>Heredity</i> , 2012, 108, 410-418.	1.2	55
68	Amphibian-killing fungus loses genetic diversity as it spreads across the New World. <i>Biological Conservation</i> , 2012, 146, 213-218.	1.9	33
69	Deep evolutionary lineages in a Western Mediterranean snake (<i>Vipera latastei/monticola</i> group) and high genetic structuring in Southern Iberian populations. <i>Molecular Phylogenetics and Evolution</i> , 2012, 65, 965-973.	1.2	39
70	Isolation in habitat refugia promotes rapid diversification in a montane tropical salamander. <i>Journal of Biogeography</i> , 2012, 39, 353-370.	1.4	37
71	The role of seed dispersal, pollination and historical effects on genetic patterns of an insular plant that has lost its only seed disperser. <i>Journal of Biogeography</i> , 2012, 39, 1996-2006.	1.4	35
72	Turtle Carapace Anomalies: The Roles of Genetic Diversity and Environment. <i>PLoS ONE</i> , 2011, 6, e18714.	1.1	48

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73	Native or not? Tracing the origin of wild-caught and captive freshwater turtles in a threatened and widely distributed species (<i>Emys orbicularis</i>). <i>Conservation Genetics</i> , 2011, 12, 583-588.	0.8	24
74	Genetic variation across Tunisian populations of the anuran species <i>Discoglossus pictus</i> and <i>Pelophylax saharicus</i> . <i>African Zoology</i> , 2010, 45, 121-128.	0.2	6
75	Genetic Variation Across Tunisian Populations of the Anuran Species <i>Discoglossus pictus</i> and <i>Pelophylax saharicus</i> . <i>African Zoology</i> , 2010, 45, 121-128.	0.2	7
76	Microsatellite markers for <i>Pseudoeurycea leprosa</i> , a plethodontid salamander endemic to the Transmexican Neovolcanic Belt. <i>Conservation Genetics Resources</i> , 2009, 1, 5-7.	0.4	6
77	Patterns of nuclear and mitochondrial DNA variation in Iberian populations of <i>Emys orbicularis</i> (Emydidae): conservation implications. <i>Conservation Genetics</i> , 2008, 9, 1263-1274.	0.8	28
78	Î²-fibrinogen intron 7 variation in <i>Discoglossus</i> (Anura: Discoglossidae): implications for the taxonomic assessment of morphologically cryptic species. <i>Amphibia - Reptilia</i> , 2008, 29, 523-533.	0.1	11
79	Assignment tests applied to relocate individuals of unknown origin in a threatened species, the European pond turtle (<i>Emys orbicularis</i>). <i>Amphibia - Reptilia</i> , 2007, 28, 475-484.	0.1	16
80	Mitochondrial phylogeography of European pond turtles (<i>Emys orbicularis</i> , <i>Emys trinacris</i>) – an update. <i>Amphibia - Reptilia</i> , 2007, 28, 418-426.	0.1	63
81	Phylogenetic study of <i>Eleutherodactylus coqui</i> (Anura: Leptodactylidae) reveals deep genetic fragmentation in Puerto Rico and pinpoints origins of Hawaiian populations. <i>Molecular Phylogenetics and Evolution</i> , 2007, 45, 716-728.	1.2	25
82	The evolution of viviparity in holocene islands: ecological adaptation versus phylogenetic descent along the transition from aquatic to terrestrial environments. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2007, 45, 345-352.	0.6	28
83	First report of hybridization between <i>Mauremys leprosa</i> and <i>Mauremys sinensis</i> ; highlights the risk of exotic <i>Mauremys</i> spp. pet trade. <i>Basic and Applied Herpetology</i> , 0, 34, 75-81.	0.0	5