

# Fernando MartÃ- nez-FreirÃ- a

## List of Publications by Year in descending order

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Version: 2024-02-01

69  
papers

4,411  
citations

185998

28  
h-index

114278

63  
g-index

74  
all docs

74  
docs citations

74  
times ranked

5065  
citing authors

#	ARTICLE	IF	CITATIONS
1	The integrative future of taxonomy. <i>Frontiers in Zoology</i> , 2010, 7, 16.	0.9	1,281
2	Deciphering amphibian diversity through DNA barcoding: chances and challenges. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 1859-1868.	1.8	438
3	Underestimation of Species Richness in Neotropical Frogs Revealed by mtDNA Analyses. <i>PLoS ONE</i> , 2007, 2, e1109.	1.1	379
4	Updated distribution and biogeography of amphibians and reptiles of Europe. <i>Amphibia - Reptilia</i> , 2014, 35, 1-31.	0.1	293
5	Unravelling biodiversity, evolution and threats to conservation in the Sahara-Sahel. <i>Biological Reviews</i> , 2014, 89, 215-231.	4.7	170
6	Phylogeny and Comparative Substitution Rates of Frogs Inferred from Sequences of Three Nuclear Genes. <i>Molecular Biology and Evolution</i> , 2004, 21, 1188-1200.	3.5	136
7	Want to model a species niche? A step-by-step guideline on correlative ecological niche modelling. <i>Ecological Modelling</i> , 2021, 456, 109671.	1.2	123
8	Phylogeography of <i>Ptychadena mascareniensis</i> suggests transoceanic dispersal in a widespread African-Malagasy frog lineage. <i>Journal of Biogeography</i> , 2004, 31, 593-601.	1.4	102
9	Cold Code: the global initiative to <i>scp</i> DNA <i>scp</i> barcode amphibians and nonavian reptiles. <i>Molecular Ecology Resources</i> , 2013, 13, 161-167.	2.2	72
10	GIS-based niche models identify environmental correlates sustaining a contact zone between three species of European vipers. <i>Diversity and Distributions</i> , 2008, 14, 452-461.	1.9	70
11	Are glacial refugia hotspots of speciation and cytonuclear discordances? Answers from the genomic phylogeography of Spanish common frogs. <i>Molecular Ecology</i> , 2020, 29, 986-1000.	2.0	63
12	Armed conflicts and wildlife decline: Challenges and recommendations for effective conservation policy in the Sahara-Sahel. <i>Conservation Letters</i> , 2018, 11, e12446.	2.8	55
13	The origin of modern frogs (Neobatrachia) was accompanied by acceleration in mitochondrial and nuclear substitution rates. <i>BMC Genomics</i> , 2012, 13, 626.	1.2	53
14	Integrating hybrid zone analyses in species delimitation: lessons from two anuran radiations of the Western Mediterranean. <i>Heredity</i> , 2020, 124, 423-438.	1.2	50
15	Hybridization at an ecotone: ecological and genetic barriers between three Iberian vipers. <i>Molecular Ecology</i> , 2014, 23, 1108-1123.	2.0	49
16	Biogeography and conservation of viperids from North-West Africa: An application of ecological niche-based models and GIS. <i>Journal of Arid Environments</i> , 2011, 75, 1029-1037.	1.2	48
17	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
18	Crocodiles in the Sahara Desert: An Update of Distribution, Habitats and Population Status for Conservation Planning in Mauritania. <i>PLoS ONE</i> , 2011, 6, e14734.	1.1	47

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19	Conservation Biogeography of the Sahara&#x2013;Sahel: additional protected areas are needed to secure unique biodiversity. <i>Diversity and Distributions</i> , 2016, 22, 371-384.	1.9	46
20	Contemporary niche contraction affects climate change predictions for elephants and giraffes. <i>Diversity and Distributions</i> , 2016, 22, 432-444.	1.9	45
21	Evaluating taxonomic inflation: towards evidence-based species delimitation in Eurasian vipers (Serpentes: Viperinae). <i>Amphibia - Reptilia</i> , 2020, 41, 285-311.	0.1	45
22	Mountain farmland protection and fire-smart management jointly reduce fire hazard and enhance biodiversity and carbon sequestration. <i>Ecosystem Services</i> , 2020, 44, 101143.	2.3	45
23	Inferring the shallow phylogeny of true salamanders ( <i>Salamandra</i> ) by multiple phylogenomic approaches. <i>Molecular Phylogenetics and Evolution</i> , 2017, 115, 16-26.	1.2	44
24	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
25	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
26	Climatic refugia boosted allopatric diversification in Western Mediterranean vipers. <i>Journal of Biogeography</i> , 2020, 47, 1698-1713.	1.4	37
27	The role of climatic cycles and trans-Saharan migration corridors in species diversification: Biogeography of <i>Psammophis schokari</i> group in North Africa. <i>Molecular Phylogenetics and Evolution</i> , 2018, 118, 64-74.	1.2	34
28	Cryptic diversity within the Moroccan endemic day geckos <i>Quedenfeldtia</i> (Squamata: Gekkonidae): a multidisciplinary approach using genetic, morphological and ecological data. <i>Biological Journal of the Linnean Society</i> , 2012, 106, 828-850.	0.7	32
29	Climate change is predicted to negatively influence Moroccan endemic reptile richness. Implications for conservation in protected areas. <i>Die Naturwissenschaften</i> , 2013, 100, 877-889.	0.6	31
30	A multigene species tree for Western Mediterranean painted frogs ( <i>Discoglossus</i> ). <i>Molecular Phylogenetics and Evolution</i> , 2012, 64, 690-696.	1.2	29
31	Phylogeographic and environmental correlates support the cryptic function of the zigzag pattern in a European viper. <i>Evolutionary Ecology</i> , 2014, 28, 611-626.	0.5	26
32	Geographical patterns of morphological variation and environmental correlates in contact zones: a multi-scale approach using two Mediterranean vipers (Serpentes). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2009, 47, 357-367.	0.6	25
33	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
34	Spatial and temporal segregation allows coexistence in a hybrid zone among two Mediterranean vipers ( <i>Vipera aspis</i> and <i>V. latastei</i> ). <i>Amphibia - Reptilia</i> , 2010, 31, 195-212.	0.1	24
35	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
36	Phylogeny and species delimitation of near Eastern <i>Neurergus</i> newts (Salamandridae) based on genome-wide RADseq data analysis. <i>Molecular Phylogenetics and Evolution</i> , 2019, 133, 189-197.	1.2	24

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37	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
38	Reconstructing evolution at the community level: A case study on Mediterranean amphibians. <i>Molecular Phylogenetics and Evolution</i> , 2019, 134, 211-225.	1.2	21
39	Where does diversity come from? Linking geographical patterns of morphological, genetic, and environmental variation in wall lizards. <i>BMC Evolutionary Biology</i> , 2018, 18, 124.	3.2	19
40	Using fire to enhance rewilding when agricultural policies fail. <i>Science of the Total Environment</i> , 2021, 755, 142897.	3.9	19
41	Thermal melanism explains macroevolutionary variation of dorsal pigmentation in Eurasian vipers. <i>Scientific Reports</i> , 2020, 10, 16122.	1.6	18
42	Integrating classical and spatial multivariate analyses for assessing morphological variability in the endemic Iberian viper <i>Vipera seoanei</i> . <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2013, 51, 122-131.	0.6	17
43	Understanding parapatry: How do environment and competitive interactions shape Iberian vipers' distributions?. <i>Journal of Biogeography</i> , 2021, 48, 1322-1335.	1.4	17
44	Evolutionary history of two cryptic species of northern African jerboas. <i>BMC Evolutionary Biology</i> , 2020, 20, 26.	3.2	16
45	Aposematism and crypsis are not enough to explain dorsal polymorphism in the Iberian adder. <i>Acta Oecologica</i> , 2017, 85, 165-173.	0.5	15
46	Biogeographical analysis of the Atlantic Sahara reptiles: Environmental correlates of species distribution and vulnerability to climate change. <i>Journal of Arid Environments</i> , 2014, 109, 65-73.	1.2	13
47	Data on the distribution of mammals from Mauritania, West Africa. <i>Mammalia</i> , 2010, 74, .	0.3	12
48	The Atlas Massif separates a northern and a southern mitochondrial haplotype group of North African water frogs <i>Pelophylax saharicus</i> (Anura: Ranidae) in Morocco. <i>Amphibia - Reptilia</i> , 2015, 36, 437-443.	0.1	9
49	Local extinctions and range contraction of the endangered <i>Coenagrion mercuriale</i> in North Africa. <i>International Journal of Odonatology</i> , 2015, 18, 137-152.	0.5	9
50	Phylogeographic relationships and shallow mitochondrial divergence of Algerian populations of <i>Salamandra algira</i> . <i>Amphibia - Reptilia</i> , 2016, 37, 1-8.	0.1	9
51	Chasing the phantom: biogeography and conservation of <i>Vipera latastei-monticola</i> in the Maghreb (North Africa). <i>Amphibia - Reptilia</i> , 2018, 39, 145-161.	0.1	9
52	Sources of intraspecific morphological variation in <i>Vipera seoanei</i> : allometry, sex, and colour phenotype. <i>Amphibia - Reptilia</i> , 2020, 42, 1-16.	0.1	9
53	First helminthological data on Iberian vipers: Helminth communities and host-parasite relationships. <i>Acta Parasitologica</i> , 2006, 51, .	0.4	7
54	Species versus within-species niches: a multi-modelling approach to assess range size of a spring-dwelling amphibian. <i>Scientific Reports</i> , 2021, 11, 597.	1.6	7

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55	Integrative taxonomy reveals two species and intraspecific differentiation in the <i>Vipera latastei</i> "monticola" complex. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2021, 59, 2278-2306.	0.6	7
56	Origin, extinction and ancient DNA of a new fossil insular viper: molecular clues of overseas immigration. <i>Zoological Journal of the Linnean Society</i> , 2021, 192, 144-168.	1.0	6
57	Interpopulational variation and ontogenetic shift in the venom composition of Lataste's viper ( <i>Vipera</i> ) Tj ETQq1 1 0,784314 rgBT /Overd	1.2	8
58	Update of distribution, habitats, population size, and threat factors for the West African crocodile in Mauritania. <i>Amphibia - Reptilia</i> , 2016, 37, 325-330.	0.1	5
59	The mitochondrial genomes of Atlas Geckos ( <i>Quedenfeldtia</i> ): mitogenome assembly from transcriptomes and anchored hybrid enrichment datasets. <i>Mitochondrial DNA Part B: Resources</i> , 2017, 2, 356-358.	0.2	5
60	Habitat use and population genetics of golden jackals in Iran: Insights from a generalist species in a highly heterogeneous landscape. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2021, 59, 1503-1515.	0.6	5
61	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
62	Ecophysiology of a lacertid community in the high Moroccan mountains suggests conservation guidelines. <i>Journal of Thermal Biology</i> , 2020, 94, 102743.	1.1	4
63	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
64	Assessing the heritability of dorsal pattern shape in <i>Vipera latastei</i> . <i>Amphibia - Reptilia</i> , 2015, 36, 313-317.	0.1	2
65	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
66	Macroevolutionary variation and environmental correlates of scalation traits in Eurasian vipers (Serpentes: Viperinae). <i>Biological Journal of the Linnean Society</i> , 2021, 132, 318-327.	0.7	2
67	Sex, size and eco-geographic factors affect the feeding ecology of the Iberian adder, <i>Vipera seoanei</i> . <i>Amphibia - Reptilia</i> , 2022, 43, 235-250.	0.1	2
68	Teeth number variation and cranial morphology within <i>Vipera aspis</i> group. <i>Basic and Applied Herpetology</i> , 0, , .	0.0	0
69	Assessing climate change vulnerability for the Iberian viper <i>Vipera seoanei</i> . <i>Basic and Applied Herpetology</i> , 0, , .	0.0	0