Fernando MartÃ-nez-FreirÃ-a

List of Publications by Year
in descending order

69	4,411	186265	114465
papers	citations	28 h-index	63 g-index

74	74	74	5065
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The integrative future of taxonomy. Frontiers in Zoology, 2010, 7, 16.	2.0	1,281
2	Deciphering amphibian diversity through DNA barcoding: chances and challenges. Philosophical Transactions of the Royal Society B: Biological Sciences, 2005, 360, 1859-1868.	4.0	438
3	Underestimation of Species Richness in Neotropical Frogs Revealed by mtDNA Analyses. PLoS ONE, 2007, 2, e1109.	2.5	379
4	Updated distribution and biogeography of amphibians and reptiles of Europe. Amphibia - Reptilia, 2014, 35, 1-31.	0.5	293
5	Unravelling biodiversity, evolution and threats to conservation in the Saharaâ€Sahel. Biological Reviews, 2014, 89, 215-231.	10.4	170
6	Phylogeny and Comparative Substitution Rates of Frogs Inferred from Sequences of Three Nuclear Genes. Molecular Biology and Evolution, 2004, 21, 1188-1200.	8.9	136
7	Want to model a species niche? A step-by-step guideline on correlative ecological niche modelling. Ecological Modelling, 2021, 456, 109671.	2.5	123
8	Phylogeography of Ptychadena mascareniensis suggests transoceanic dispersal in a widespread Africanâ€Malagasy frog lineage. Journal of Biogeography, 2004, 31, 593-601.	3.0	102
9	Cold Code: the global initiative to <scp>DNA</scp> barcode amphibians and nonavian reptiles. Molecular Ecology Resources, 2013, 13, 161-167.	4.8	72
10	GISâ€based niche models identify environmental correlates sustaining a contact zone between three species of European vipers. Diversity and Distributions, 2008, 14, 452-461.	4.1	70
11	Are glacial refugia hotspots of speciation and cytonuclear discordances? Answers from the genomic phylogeography of Spanish common frogs. Molecular Ecology, 2020, 29, 986-1000.	3.9	63
12	Armed conflicts and wildlife decline: Challenges and recommendations for effective conservation policy in the Saharaâ€Sahel. Conservation Letters, 2018, 11, e12446.	5.7	55
13	The origin of modern frogs (Neobatrachia) was accompanied by acceleration in mitochondrial and nuclear substitution rates. BMC Genomics, 2012, 13, 626.	2.8	53
14	Integrating hybrid zone analyses in species delimitation: lessons from two anuran radiations of the Western Mediterranean. Heredity, 2020, 124, 423-438.	2.6	50
15	Hybridization at an ecotone: ecological and genetic barriers between three Iberian vipers. Molecular Ecology, 2014, 23, 1108-1123.	3.9	49
16	Biogeography and conservation of viperids from North-West Africa: An application of ecological niche-based models and GIS. Journal of Arid Environments, 2011, 75, 1029-1037.	2.4	48
17	Trapped by climate: interglacial refuge and recent population expansion in the endemic Iberian adder Vipera seoanei. Diversity and Distributions, 2015, 21, 331-344.	4.1	48
18	Crocodiles in the Sahara Desert: An Update of Distribution, Habitats and Population Status for Conservation Planning in Mauritania. PLoS ONE, 2011, 6, e14734.	2.5	47

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19	Conservation Biogeography of the Saharaâ€Sahel: additional protected areas are needed to secure unique biodiversity. Diversity and Distributions, 2016, 22, 371-384.	4.1	46
20	Contemporary niche contraction affects climate change predictions for elephants and giraffes. Diversity and Distributions, 2016, 22, 432-444.	4.1	45
21	Evaluating taxonomic inflation: towards evidence-based species delimitation in Eurasian vipers (Serpentes: Viperinae). Amphibia - Reptilia, 2020, 41, 285-311.	0.5	45
22	Mountain farmland protection and fire-smart management jointly reduce fire hazard and enhance biodiversity and carbon sequestration. Ecosystem Services, 2020, 44, 101143.	5.4	45
23	Inferring the shallow phylogeny of true salamanders (Salamandra) by multiple phylogenomic approaches. Molecular Phylogenetics and Evolution, 2017, 115, 16-26.	2.7	44
24	Deep evolutionary lineages in a Western Mediterranean snake (Vipera latastei/monticola group) and high genetic structuring in Southern Iberian populations. Molecular Phylogenetics and Evolution, 2012, 65, 965-973.	2.7	39
25	Integrative phylogeographical and ecological analysis reveals multiple Pleistocene refugia for Mediterranean Daboia vipers in north-west Africa. Biological Journal of the Linnean Society, 2017, 122, 366-384.	1.6	37
26	Climatic refugia boosted allopatric diversification in Western Mediterranean vipers. Journal of Biogeography, 2020, 47, 1698-1713.	3.0	37
27	The role of climatic cycles and trans-Saharan migration corridors in species diversification: Biogeography of Psammophis schokari group in North Africa. Molecular Phylogenetics and Evolution, 2018, 118, 64-74.	2.7	34
28	Cryptic diversity within the Moroccan endemic day geckos Quedenfeldtia (Squamata: Gekkonidae): a multidisciplinary approach using genetic, morphological and ecological data. Biological Journal of the Linnean Society, 2012, 106, 828-850.	1.6	32
29	Climate change is predicted to negatively influence Moroccan endemic reptile richness. Implications for conservation in protected areas. Die Naturwissenschaften, 2013, 100, 877-889.	1.6	31
30	A multigene species tree for Western Mediterranean painted frogs (Discoglossus). Molecular Phylogenetics and Evolution, 2012, 64, 690-696.	2.7	29
31	Phylogeographic and environmental correlates support the cryptic function of the zigzag pattern in a European viper. Evolutionary Ecology, 2014, 28, 611-626.	1.2	26
32	Geographical patterns of morphological variation and environmental correlates in contact zones: a multi-scale approach using two Mediterranean vipers (Serpentes). Journal of Zoological Systematics and Evolutionary Research, 2009, 47, 357-367.	1.4	25
33	Allopatric diversification and evolutionary melting pot in a North African Palearctic relict: The biogeographic history of Salamandra algira. Molecular Phylogenetics and Evolution, 2019, 130, 81-91.	2.7	25
34	Spatial and temporal segregation allows coexistence in a hybrid zone among two Mediterranean vipers (Vipera aspis and V. latastei). Amphibia - Reptilia, 2010, 31, 195-212.	0.5	24
35	Living on the edge: Ecological and genetic connectivity of the spinyâ€footed lizard, Acanthodactylus aureus, confirms the Atlantic Sahara desert as a biogeographic corridor and centre of lineage diversification. Journal of Biogeography, 2018, 45, 1031-1042.	3.0	24
36	Phylogeny and species delimitation of near Eastern Neurergus newts (Salamandridae) based on genome-wide RADseq data analysis. Molecular Phylogenetics and Evolution, 2019, 133, 189-197.	2.7	24

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37	Phylogenomic inference of species and subspecies diversity in the Palearctic salamander genus Salamandra. Molecular Phylogenetics and Evolution, 2021, 157, 107063.	2.7	22
38	Reconstructing evolution at the community level: A case study on Mediterranean amphibians. Molecular Phylogenetics and Evolution, 2019, 134, 211-225.	2.7	21
39	Where does diversity come from? Linking geographical patterns of morphological, genetic, and environmental variation in wall lizards. BMC Evolutionary Biology, 2018, 18, 124.	3.2	19
40	Using fire to enhance rewilding when agricultural policies fail. Science of the Total Environment, 2021, 755, 142897.	8.0	19
41	Thermal melanism explains macroevolutionary variation of dorsal pigmentation in Eurasian vipers. Scientific Reports, 2020, 10, 16122.	3.3	18
42	Integrating classical and spatial multivariate analyses for assessing morphological variability in the endemic Iberian viper Vipera seoanei. Journal of Zoological Systematics and Evolutionary Research, 2013, 51, 122-131.	1.4	17
43	Understanding parapatry: How do environment and competitive interactions shape Iberian vipersâ€™ distributions?. Journal of Biogeography, 2021, 48, 1322-1335.	3.0	17
44	Evolutionary history of two cryptic species of northern African jerboas. BMC Evolutionary Biology, 2020, 20, 26.	3.2	16
45	Aposematism and crypsis are not enough to explain dorsal polymorphism in the Iberian adder. Acta Oecologica, 2017, 85, 165-173.	1.1	15
46	Biogeographical analysis of the Atlantic Sahara reptiles: Environmental correlates of species distribution and vulnerability toÂclimate change. Journal of Arid Environments, 2014, 109, 65-73.	2.4	13
47	Data on the distribution of mammals from Mauritania, West Africa. Mammalia, 2010, 74, .	0.7	12
48	The Atlas Massif separates a northern and a southern mitochondrial haplotype group of North African water frogs Pelophylax saharicus (Anura: Ranidae) in Morocco. Amphibia - Reptilia, 2015, 36, 437-443.	0.5	9
49	Local extinctions and range contraction of the endangeredCoenagrion mercurialein North Africa. International Journal of Odonatology, 2015, 18, 137-152.	0.5	9
50	Phylogeographic relationships and shallow mitochondrial divergence of Algerian populations of Salamandra algira. Amphibia - Reptilia, 2016, 37, 1-8.	0.5	9
51	Chasing the phantom: biogeography and conservation of Vipera latastei-monticola in the Maghreb (North Africa). Amphibia - Reptilia, 2018, 39, 145-161.	0.5	9
52	Sources of intraspecific morphological variation in Vipera seoanei: allometry, sex, and colour phenotype. Amphibia - Reptilia, 2020, 42, 1-16.	0.5	9
53	First helminthological data on Iberian vipers: Helminth communities and host-parasite relationships. Acta Parasitologica, 2006, 51, .	1.1	7
54	Species versus within-species niches: a multi-modelling approach to assess range size of a spring-dwelling amphibian. Scientific Reports, 2021, 11, 597.	3.3	7

#	ARTICLE	IF	CITATIONS
55	Integrative taxonomy reveals two species and intraspecific differentiation in theVipera latasteiâ€“monticolacomplex. Journal of Zoological Systematics and Evolutionary Research, 2021, 59, 2278-2306.	1.4	7
56	Origin, extinction and ancient DNA of a new fossil insular viper: molecular clues of overseas immigration. Zoological Journal of the Linnean Society, 2021, 192, 144-168.	2.3	6
57	Interpopulational variation and ontogenetic shift in the venom composition of Lataste's viper (Vipera) Tj ETQq1 1 0.784314 rgBT /Ove	2.4	6
58	Update of distribution, habitats, population size, and threat factors for the West African crocodile in Mauritania. Amphibia - Reptilia, 2016, 37, 325-330.	0.5	5
59	The mitochondrial genomes of Atlas Geckos (Quedenfeldtia): mitogenome assembly from transcriptomes and anchored hybrid enrichment datasets. Mitochondrial DNA Part B: Resources, 2017, 2, 356-358.	0.4	5
60	Habitat use and population genetics of golden jackals in Iran: Insights from a generalist species in a highly heterogeneous landscape. Journal of Zoological Systematics and Evolutionary Research, 2021, 59, 1503-1515.	1.4	5
61	Phylogeographic diversification of the Mesalina olivieri species complex (Squamata: Lacertidae) with the description of a new species and a new subspecies endemic from North West Africa. Journal of Zoological Systematics and Evolutionary Research, 2021, 59, 2321-2349.	1.4	5
62	Ecophysiology of a lacertid community in the high Moroccan mountains suggests conservation guidelines. Journal of Thermal Biology, 2020, 94, 102743.	2.5	4
63	Morphological diversification of Mediterranean anurans: the roles of evolutionary history and climate. Biological Journal of the Linnean Society, 2022, 135, 462-477.	1.6	4
64	Assessing the heritability of dorsal pattern shape in Vipera latastei. Amphibia - Reptilia, 2015, 36, 313-317.	0.5	2
65	Beyond the comfort zone: amphibian diversity and distribution in the West Sahara-Sahel using mtDNA and nuDNA barcoding and spatial modelling. Conservation Genetics, 2021, 22, 233-248.	1.5	2
66	Macroevolutionary variation and environmental correlates of scalation traits in Eurasian vipers (Serpentes: Viperinae). Biological Journal of the Linnean Society, 2021, 132, 318-327.	1.6	2
67	Sex, size and eco-geographic factors affect the feeding ecology of the Iberian adder, Vipera seoanei. Amphibia - Reptilia, 2022, 43, 235-250.	0.5	2
68	Teeth number variation and cranial morphology within Vipera aspis group. Basic and Applied Herpetology, 0, , .	0.0	0
69	Assessing climate change vulnerability for the Iberian viper Vipera seoanei. Basic and Applied Herpetology, 0, , .	0.0	0