

Jos C. Brito

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153
papers

3,690
citations

31
h-index

54
g-index

160
ext. papers

4,523
ext. citations

3.7
avg, IF

5.38
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 153 | An Ecoregion-Based Approach to Protecting Half the Terrestrial Realm. <i>BioScience</i> , 2017 , 67, 534-545 | 5.7 | 594 |
| 152 | Conservation planning under climate change: Toward accounting for uncertainty in predicted species distributions to increase confidence in conservation investments in space and time. <i>Biological Conservation</i> , 2011 , 144, 2020-2030 | 6.2 | 140 |
| 151 | Unravelling biodiversity, evolution and threats to conservation in the Sahara-Sahel. <i>Biological Reviews</i> , 2014 , 89, 215-31 | 13.5 | 131 |
| 150 | Genome-wide Evidence Reveals that African and Eurasian Golden Jackals Are Distinct Species. <i>Current Biology</i> , 2015 , 25, 2158-65 | 6.3 | 118 |
| 149 | From climate change predictions to actions: conserving vulnerable animal groups in hotspots at a regional scale. <i>Global Change Biology</i> , 2010 , 16, 3257-3270 | 11.4 | 105 |
| 148 | Inferring habitat-suitability areas with ecological modelling techniques and GIS: A contribution to assess the conservation status of <i>Vipera latastei</i> . <i>Biological Conservation</i> , 2006 , 130, 416-425 | 6.2 | 89 |
| 147 | Modelling wildlife distributions: Logistic Multiple Regression vs Overlap Analysis. <i>Ecography</i> , 1999 , 22, 251-260 | 6.5 | 78 |
| 146 | Normalized difference water indexes have dissimilar performances in detecting seasonal and permanent water in the Sahara-Sahel transition zone. <i>Journal of Hydrology</i> , 2012 , 464-465, 438-446 | 6 | 76 |
| 145 | Biogeography and conservation of taxa from remote regions: An application of ecological-niche based models and GIS to North-African canids. <i>Biological Conservation</i> , 2009 , 142, 3020-3029 | 6.2 | 75 |
| 144 | Spatial ecology of the European wildcat in a Mediterranean ecosystem: dealing with small radio-tracking datasets in species conservation. <i>Journal of Zoology</i> , 2009 , 279, 27-35 | 2 | 73 |
| 143 | Predicting species distribution at range margins: testing the effects of study area extent, resolution and threshold selection in the Sahara-Sahel transition zone. <i>Diversity and Distributions</i> , 2014 , 20, 20-33 | 5 | 65 |
| 142 | Conquering the Sahara and Arabian deserts: systematics and biogeography of <i>Stenodactylus</i> geckos (Reptilia: Gekkonidae). <i>BMC Evolutionary Biology</i> , 2012 , 12, 258 | 3 | 63 |
| 141 | Species on the rocks: Systematics and biogeography of the rock-dwelling <i>Ptyodactylus</i> geckos (Squamata: Phyllodactylidae) in North Africa and Arabia. <i>Molecular Phylogenetics and Evolution</i> , 2015 , 85, 208-20 | 4.1 | 53 |
| 140 | Biogeographical patterns derived from remote sensing variables: the amphibians and reptiles of the Iberian Peninsula. <i>Amphibia - Reptilia</i> , 2009 , 30, 185-206 | 1.2 | 52 |
| 139 | Desert-adapted species are vulnerable to climate change: Insights from the warmest region on Earth. <i>Global Ecology and Conservation</i> , 2015 , 4, 369-379 | 2.8 | 50 |
| 138 | Simulating the effects of using different types of species distribution data in reserve selection. <i>Biological Conservation</i> , 2010 , 143, 426-438 | 6.2 | 50 |
| 137 | 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 | 5 | 48 |

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| 136 | Systematic and phylogeographical assessment of the <i>Acanthodactylus erythrurus</i> group (Reptilia: Lacertidae) based on phylogenetic analyses of mitochondrial and nuclear DNA. <i>Molecular Phylogenetics and Evolution</i> , 2009 , 51, 131-42 | 4.1 | 47 |
| 135 | Phylogeny of North African <i>Agama</i> lizards (Reptilia: Agamidae) and the role of the Sahara desert in vertebrate speciation. <i>Molecular Phylogenetics and Evolution</i> , 2012 , 64, 582-91 | 4.1 | 45 |
| 134 | Schoolchildren and One of the Most Unpopular Animals: Are They Ready to Protect Snakes?. <i>Anthrozoos</i> , 2013 , 26, 93-109 | 2.4 | 44 |
| 133 | The species diversity, distribution, and conservation status of the terrestrial mammals of Iran. <i>Journal of Mammalogy</i> , 2019 , 100, 55-71 | 1.8 | 40 |
| 132 | Modelling the partially unknown distribution of wall lizards (<i>Podarcis</i>) in North Africa: ecological affinities, potential areas of occurrence, and methodological constraints. <i>Canadian Journal of Zoology</i> , 2008 , 86, 992-1001 | 1.5 | 40 |
| 131 | Incorporating evolutionary processes into conservation planning using species distribution data: a case study with the western Mediterranean herpetofauna. <i>Diversity and Distributions</i> , 2011 , 17, 408-421 | 5 | 38 |
| 130 | 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, 965-73 | 4.1 | 37 |
| 129 | Hybridization at an ecotone: ecological and genetic barriers between three Iberian vipers. <i>Molecular Ecology</i> , 2014 , 23, 1108-23 | 5.7 | 35 |
| 128 | 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 | 3.7 | 35 |
| 127 | Ensemble models of habitat suitability relate chimpanzee (<i>Pan troglodytes</i>) conservation to forest and landscape dynamics in Western Africa. <i>Biological Conservation</i> , 2010 , 143, 416-425 | 6.2 | 35 |
| 126 | Seasonal Variation in Movements, Home Range, and Habitat Use by Male <i>Vipera latastei</i> in Northern Portugal. <i>Journal of Herpetology</i> , 2003 , 37, 155-160 | 1.1 | 33 |
| 125 | Modelling habitat selection of Common Cranes <i>Grus grus</i> wintering in Portugal using multiple logistic regression. <i>Ibis</i> , 2008 , 142, 351-358 | 1.9 | 32 |
| 124 | Overlooked mountain rock pools in deserts are critical local hotspots of biodiversity. <i>PLoS ONE</i> , 2015 , 10, e0118367 | 3.7 | 32 |
| 123 | Armed conflicts and wildlife decline: Challenges and recommendations for effective conservation policy in the Sahara-Sahel. <i>Conservation Letters</i> , 2018 , 11, e12446 | 6.9 | 31 |
| 122 | Molecular assessment of Hepatozoon (Apicomplexa: Adeleorina) infections in wild canids and rodents from north Africa, with implications for transmission dynamics across taxonomic groups. <i>Journal of Wildlife Diseases</i> , 2014 , 50, 837-48 | 1.3 | 31 |
| 121 | Conservation Biogeography of the Sahara-Sahel: additional protected areas are needed to secure unique biodiversity. <i>Diversity and Distributions</i> , 2016 , 22, 371-384 | 5 | 31 |
| 120 | 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 | 5 | 30 |
| 119 | The Influence of Social Systems on Patterns of Mitochondrial DNA Variation in Baboons. <i>International Journal of Primatology</i> , 2014 , 35, 210-225 | 2 | 30 |

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|-----|---|-----|----|
| 118 | Environmental Correlates for Species Richness among Amphibians and Reptiles in a Climate Transition Area. <i>Biodiversity and Conservation</i> , 2007 , 16, 1087-1102 | 3.4 | 30 |
| 117 | Setting conservation priorities for the Moroccan herpetofauna: the utility of regional red lists. <i>Oryx</i> , 2010 , 44, 501-508 | 1.5 | 29 |
| 116 | Postglacial colonization of Europe by the barbastelle bat: agreement between molecular data and past predictive modelling. <i>Molecular Ecology</i> , 2012 , 21, 2761-74 | 5.7 | 28 |
| 115 | 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 | 2.5 | 28 |
| 114 | Inferring evolutionary scenarios with geostatistics and geographical information systems for the viperid snakes <i>Vipera latastei</i> and <i>Vipera monticola</i> . <i>Biological Journal of the Linnean Society</i> , 2008 , 95, 790-806 | 1.9 | 28 |
| 113 | Historical biogeography of the lacertid lizard <i>Mesalina</i> in North Africa and the Middle East. <i>Journal of Biogeography</i> , 2015 , 42, 267-279 | 4.1 | 27 |
| 112 | Genetic variation among spiny-footed lizards in the <i>Acanthodactylus pardalis</i> group from North Africa. <i>African Zoology</i> , 2008 , 43, 8-15 | 1.1 | 27 |
| 111 | Contemporary niche contraction affects climate change predictions for elephants and giraffes. <i>Diversity and Distributions</i> , 2016 , 22, 432-444 | 5 | 27 |
| 110 | Habitat suitability, threats and conservation of isolated populations of the smooth snake (<i>Coronella austriaca</i>) in the southern Iberian Peninsula. <i>Biological Conservation</i> , 2009 , 142, 344-352 | 6.2 | 26 |
| 109 | Escape tactics of two syntopic forms of the <i>Lacerta perspicillata</i> complex with different colour patterns. <i>Canadian Journal of Zoology</i> , 2006 , 84, 1594-1603 | 1.5 | 25 |
| 108 | Phylogeographic and environmental correlates support the cryptic function of the zigzag pattern in a European viper. <i>Evolutionary Ecology</i> , 2014 , 28, 611-626 | 1.8 | 24 |
| 107 | Climate change is predicted to negatively influence Moroccan endemic reptile richness. Implications for conservation in protected areas. <i>Die Naturwissenschaften</i> , 2013 , 100, 877-89 | 2 | 24 |
| 106 | The origin of two cryptic species of African desert jerboas (Dipodidae: <i>Jaculus</i>). <i>Biological Journal of the Linnean Society</i> , 2012 , 105, 435-445 | 1.9 | 24 |
| 105 | Patterns of genetic diversity in <i>Hepatozoon</i> spp. infecting snakes from North Africa and the Mediterranean Basin. <i>Systematic Parasitology</i> , 2014 , 87, 249-58 | 1 | 23 |
| 104 | Large spatial scale of the phenotype-environment color matching in two cryptic species of african desert jerboas (dipodidae: <i>jaculus</i>). <i>PLoS ONE</i> , 2014 , 9, e94342 | 3.7 | 23 |
| 103 | Review of the distribution and conservation status of the terrestrial reptiles of the Cape Verde Islands. <i>Oryx</i> , 2013 , 47, 77-87 | 1.5 | 23 |
| 102 | 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 | 3.7 | 23 |
| 101 | Genetic identification of endangered North African ungulates using noninvasive sampling. <i>Molecular Ecology Resources</i> , 2015 , 15, 652-61 | 8.4 | 22 |

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|-----|---|------|----|
| 100 | 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 | 4.1 | 22 |
| 99 | 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 | 1.9 | 22 |
| 98 | Identifying priority areas for island endemics using genetic versus specific diversity: The case of terrestrial reptiles of the Cape Verde Islands. <i>Biological Conservation</i> , 2012 , 153, 276-286 | 6.2 | 21 |
| 97 | Phylogeography and genetic diversity of <i>Psammophis schokari</i> (Serpentes) in North Africa based on mitochondrial DNA sequences. <i>African Zoology</i> , 2007 , 42, 112-117 | 1.1 | 20 |
| 96 | 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 | 1.7 | 19 |
| 95 | Using multivariate statistics to assess ecotourism potential of water-bodies: A case-study in Mauritania. <i>Tourism Management</i> , 2018 , 67, 34-46 | 10.8 | 18 |
| 94 | Repeated evolution of camouflage in speciose desert rodents. <i>Scientific Reports</i> , 2017 , 7, 3522 | 4.9 | 18 |
| 93 | Reproductive ecology of <i>Vipera latastei</i> , in the Iberian Peninsula: implications for the conservation of a Mediterranean viper. <i>Zoology</i> , 2007 , 110, 9-19 | 1.7 | 18 |
| 92 | Bat guild structure and habitat use in the Sahara desert. <i>African Journal of Ecology</i> , 2007 , 45, 228-230 | 0.8 | 18 |
| 91 | Variation in phenotype, parasite load and male competitive ability across a cryptic hybrid zone. <i>PLoS ONE</i> , 2009 , 4, e5677 | 3.7 | 18 |
| 90 | Evaluating taxonomic inflation: towards evidence-based species delimitation in Eurasian vipers (Serpentes: Viperinae). <i>Amphibia - Reptilia</i> , 2020 , 41, 285-311 | 1.2 | 17 |
| 89 | Relationships of <i>Podarcis</i> wall lizards from Algeria based on mtDNA data. <i>Amphibia - Reptilia</i> , 2009 , 30, 483-492 | 1.2 | 17 |
| 88 | 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 | 1.9 | 17 |
| 87 | 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 | 1.2 | 16 |
| 86 | Challenges for assessing vertebrate diversity in turbid Saharan water-bodies using environmental DNA. <i>Genome</i> , 2018 , 61, 807-814 | 2.4 | 15 |
| 85 | Mapping and analysing cultural ecosystem services in conflict areas. <i>Ecological Indicators</i> , 2020 , 110, 1059-1063 | 9.43 | 14 |
| 84 | Comparison of approaches to combine species distribution models based on different sets of predictors. <i>Ecography</i> , 2016 , 39, 561-571 | 6.5 | 14 |
| 83 | A Critically Endangered new dragonfly species from Morocco: <i>Onychogomphus boudoti</i> sp. nov. (Odonata: Gomphidae). <i>Zootaxa</i> , 2014 , 3856, 349-65 | 0.5 | 13 |

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|----|---|------|----|
| 82 | Morphological variability of the Lataste's viper (<i>Vipera latastei</i>) and the Atlas dwarf viper (<i>Vipera monticola</i>): patterns of biogeographical distribution and taxonomy. <i>Amphibia - Reptilia</i> , 2006 , 27, 219-240 ^{1,2} | 1.2 | 13 |
| 81 | 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 | 4.1 | 12 |
| 80 | Effect of landscape features on genetic structure of the goitered gazelle (<i>Gazella subgutturosa</i>) in Central Iran. <i>Conservation Genetics</i> , 2018 , 19, 323-336 | 2.6 | 12 |
| 79 | Variation in the diet of the Lataste's viper <i>Vipera latastei</i> in the Iberian Peninsula: seasonal, sexual and size-related effects. <i>Animal Biology</i> , 2007 , 57, 49-61 | 0.7 | 12 |
| 78 | Seasonal and daily activity patterns of <i>Vipera latastei</i> in northern Portugal. <i>Amphibia - Reptilia</i> , 2003 , 24, 497-508 | 1.2 | 12 |
| 77 | New method to identify and map flagship fleets for promoting conservation and ecotourism. <i>Biological Conservation</i> , 2019 , 229, 113-124 | 6.2 | 12 |
| 76 | 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 | 2.5 | 11 |
| 75 | 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 | 1.9 | 11 |
| 74 | Camouflage accuracy in Sahara-Sahel desert rodents. <i>Journal of Animal Ecology</i> , 2020 , 89, 1658-1669 | 4.7 | 10 |
| 73 | Data on the distribution of mammals from Mauritania, West Africa. <i>Mammalia</i> , 2010 , 74, | 1 | 10 |
| 72 | Phylogeography of the African Common Toad, <i>Amietophrynus regularis</i> , Based on Mitochondrial DNA Sequences: Inferences Regarding the Cape Verde Population and Biogeographical Patterns. <i>African Zoology</i> , 2010 , 45, 291-298 | 1.1 | 10 |
| 71 | Differential Growth and Mortality Affect Sexual Size Dimorphism in <i>Vipera latastei</i> . <i>Copeia</i> , 2003 , 2003, 865-871 | 1.1 | 10 |
| 70 | Management strategies for conservation of the lizard <i>Lacerta schreiberi</i> in Portugal. <i>Biological Conservation</i> , 1999 , 89, 311-319 | 6.2 | 10 |
| 69 | Spatial climate dynamics in the Iberian Peninsula since 15 000 yr BP. <i>Climate of the Past</i> , 2016 , 12, 1137-1149 | 3.49 | 10 |
| 68 | Increase of genetic diversity indicates ecological opportunities in recurrent-fire landscapes for wall lizards. <i>Scientific Reports</i> , 2019 , 9, 5383 | 4.9 | 9 |
| 67 | The evolutionary history of the Cape hare (<i>Lepus capensis sensu lato</i>): insights for systematics and biogeography. <i>Heredity</i> , 2019 , 123, 634-646 | 3.6 | 8 |
| 66 | Genetic distinctiveness of the damselfly <i>Coenagrion puella</i> in North Africa: an overlooked and endangered taxon. <i>Conservation Genetics</i> , 2016 , 17, 985-991 | 2.6 | 8 |
| 65 | Genetic variation among spiny-footed lizards in the <i>Acanthodactylus pardalis</i> group from North Africa. <i>African Zoology</i> , 2008 , 43, 8-15 | 1.1 | 8 |

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| 64 | Distribution and habitat preferences of Eurasian woodcock <i>Scolopax rusticola</i> in S. Miguel island (Azores) during the breeding season. <i>Wildlife Biology</i> , 2008 , 14, 129-137 | 1.7 | 8 |
| 63 | Phylogeography and genetic diversity of <i>Psammophis schokari</i> (Serpentes) in North Africa based on mitochondrial DNA sequences. <i>African Zoology</i> , 2007 , 42, 112-117 | 1.1 | 8 |
| 62 | 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 | 1.9 | 8 |
| 61 | Applying species distribution modelling to the conservation of an ecologically plastic species (<i>Papio papio</i>) across biogeographic regions in West Africa. <i>Journal for Nature Conservation</i> , 2015 , 27, 26-36 | 2.3 | 7 |
| 60 | 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 | 7 |
| 59 | Ecotypes and evolutionary significant units in endangered North African gazelles. <i>Biological Journal of the Linnean Society</i> , 2017 , 122, 286-300 | 1.9 | 7 |
| 58 | Factors Influencing Schoolchildren's Responses to a Questionnaire in Wildlife Conservation Education. <i>International Journal of Science Education</i> , 2015 , 37, 469-483 | 2.2 | 7 |
| 57 | Water cisterns as death traps for amphibians and reptiles in arid environments. <i>Environmental Conservation</i> , 2014 , 41, 341-349 | 3.3 | 7 |
| 56 | Genetic variation within African spiny-tailed lizards (Agamidae: <i>Uromastyx</i>) estimated using mitochondrial DNA sequences. <i>Amphibia - Reptilia</i> , 2007 , 28, 1-6 | 1.2 | 7 |
| 55 | Demographic expansion of an African opportunistic carnivore during the Neolithic revolution. <i>Biology Letters</i> , 2020 , 16, 20190560 | 3.6 | 7 |
| 54 | Mapping underrepresented land cover heterogeneity in arid regions: The Sahara-Sahel example. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018 , 146, 211-220 | 11.8 | 7 |
| 53 | Simapse 3 simulation maps for ecological niche modelling. <i>Methods in Ecology and Evolution</i> , 2012 , 3, 787-791 | 7.7 | 6 |
| 52 | Nuclear and mitochondrial markers reveal the existence of several geographically concordant lineages within a Sahelian gecko species, <i>Ptyodactylus ragazzii</i> . <i>Amphibia - Reptilia</i> , 2013 , 34, 85-93 | 1.2 | 6 |
| 51 | The use of geostatistics and GIS for evolutionary history studies: the case of the nose-horned viper (<i>Vipera ammodytes</i>) in the Balkan Peninsula. <i>Biological Journal of the Linnean Society</i> , 2010 , 101, 651-666 | 1.9 | 6 |
| 50 | Comparing Filippi and Luiselli's (2000) method with a cartographic approach to assess the conservation status of secretive species: the case of the Iberian snake-fauna. <i>Amphibia - Reptilia</i> , 2007 , 28, 17-23 | 1.2 | 6 |
| 49 | Preliminary assessment of genetic diversity and population connectivity of the Mugger Crocodile in Iran. <i>Amphibia - Reptilia</i> , 2018 , 39, 126-131 | 1.2 | 5 |
| 48 | Stable isotopes uncover trophic ecology of the West African crocodile (<i>Crocodylus suchus</i>). <i>Journal of Arid Environments</i> , 2018 , 148, 6-13 | 2.5 | 5 |
| 47 | The effect of rainfall on population dynamics in Sahara-Sahel rodents. <i>Mammal Research</i> , 2018 , 63, 485-498 | 4.9 | 5 |

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| 46 | Cichlids of the Banc d'Arguin National Park, Mauritania: insight into the diversity of the genus Coptodon. <i>Journal of Fish Biology</i> , 2016 , 88, 1369-93 | 1.9 | 5 |
| 45 | Network- and distance-based methods in bioregionalization processes at regional scale: An application to the terrestrial mammals of Iran. <i>Journal of Biogeography</i> , 2019 , 46, 2433-2443 | 4.1 | 4 |
| 44 | Evolutionary history of two cryptic species of northern African jerboas. <i>BMC Evolutionary Biology</i> , 2020 , 20, 26 | 3 | 4 |
| 43 | Update of distribution, habitats, population size, and threat factors for the West African crocodile in Mauritania. <i>Amphibia - Reptilia</i> , 2016 , 37, 325-330 | 1.2 | 4 |
| 42 | Phylogeography of North African Amietophrynus xeros estimated from mitochondrial DNA sequences. <i>African Zoology</i> , 2009 , 44, 208-215 | 1.1 | 4 |
| 41 | Diversification and gene flow of tilapia species driven by ecological changes in lowland and mountain areas of southern Mauritania. <i>Evolutionary Ecology</i> , 2020 , 34, 133-146 | 1.8 | 4 |
| 40 | Second Sahelian amphibian endemism suggested by phylogeography of Groove crowned Bullfrog (<i>Hoplobatrachus occipitalis</i>) in western Sahel and hints of polyploid species formation. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2020 , 58, 262-274 | 1.9 | 4 |
| 39 | Systematics, biogeography and evolution of the Saharo-Arabian naked-toed geckos genus Tropicolotes. <i>Molecular Phylogenetics and Evolution</i> , 2021 , 155, 106969 | 4.1 | 4 |
| 38 | Life in Deserts: The Genetic Basis of Mammalian Desert Adaptation. <i>Trends in Ecology and Evolution</i> , 2021 , 36, 637-650 | 10.9 | 4 |
| 37 | Systematic revision of <i>Acanthodactylus busacki</i> (Squamata: Lacertidae) with a description of a new species from Morocco. <i>Zootaxa</i> , 2017 , 4276, 357 | 0.5 | 3 |
| 36 | Low genetic diversity in the vulnerable Goitred Gazelle, <i>Gazella subgutturosa</i> (Cetartiodactyla: Bovidae), in Iran: potential genetic consequence of recent population declines. <i>Zoology in the Middle East</i> , 2019 , 65, 104-115 | 0.7 | 3 |
| 35 | Distribution, suitable areas and conservation status of the Boulenger's agama (<i>Agama boulengeri</i> , Lataste 1886). <i>Amphibia - Reptilia</i> , 2012 , 33, 526-532 | 1.2 | 3 |
| 34 | Distribution, suitable areas and conservation status of the Felou gundi (<i>Felovia vae</i> Lataste 1886). <i>Mammalia</i> , 2012 , 76, | 1 | 3 |
| 33 | The impacts of extreme climate change on mammals differ among functional groups at regional scale: The case of Iranian terrestrial mammals. <i>Diversity and Distributions</i> , 2021 , 27, 1634-1647 | 5 | 3 |
| 32 | Assessment and prioritization of cultural ecosystem services in the Sahara-Sahelian region. <i>Science of the Total Environment</i> , 2021 , 777, 146053 | 10.2 | 3 |
| 31 | Desert Conservation and Management: Ecotourism 2020 , 259-273 | | 3 |
| 30 | Desert Biodiversity World's Hot Spots/Globally Outstanding Biodiverse Deserts 2020 , 10-22 | | 3 |
| 29 | Desert Biogeography: Sahara-Sahel Biodiversity Patterns 2020 , 57-62 | | 3 |

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|----|---|-----|---|
| 28 | Intraspecific genetic diversity and distribution of North African hedgehogs (Mammalia: Erinaceidae). <i>Biological Journal of the Linnean Society</i> , 2019 , 127, 156-163 | 1.9 | 2 |
| 27 | Snake charming and the exploitation of snakes in Morocco. <i>Oryx</i> , 2018 , 52, 374-381 | 1.5 | 2 |
| 26 | Can scent-mediated female mate preference explain an abrupt mtDNA cline in <i>Lacerta schreiberi</i> ? <i>Behaviour</i> , 2009 , 146, 831-841 | 1.4 | 2 |
| 25 | Atlas of the amphibians and reptiles of northern Morocco: updated distribution and patterns of habitat selection. <i>Basic and Applied Herpetology</i> , | | 2 |
| 24 | Camouflage in arid environments: the case of Sahara-Sahel desert rodents. <i>Journal of Vertebrate Biology</i> , 2020 , 69, 1 | 1.3 | 2 |
| 23 | Amphibian conservation in Mauritania. <i>Basic and Applied Herpetology</i> , | | 2 |
| 22 | Coping with Sea-Level Rise in African Protected Areas: Priorities for Action and Adaptation Measures. <i>BioScience</i> , 2020 , 70, 924-932 | 5.7 | 2 |
| 21 | Environmental determinants of minimum body temperature in mammals. <i>Journal of Vertebrate Biology</i> , 2021 , 70, | 1.3 | 2 |
| 20 | A Mitochondrial Phylogeny of the Sand Cat (<i>Felis margarita</i> Loche, 1858). <i>Journal of Mammalian Evolution</i> , 2020 , 27, 525-534 | 2.2 | 2 |
| 19 | Remote Sensing indicators and vertebrate biodiversity distribution in global drylands: An assessment with ESA Diversity II products. <i>Journal of Arid Environments</i> , 2019 , 166, 51-59 | 2.5 | 1 |
| 18 | Morphology and multilocus phylogeny of the Spiny-footed Lizard (<i>Acanthodactylus erythrurus</i>) complex reveal two new mountain species from the Moroccan Atlas. <i>Zootaxa</i> , 2020 , 4747, zootaxa.4747.2.4 | 9.5 | 1 |
| 17 | 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 | 2.3 | 1 |
| 16 | Phylogeography of North African <i>Amietophrynus xeros</i> Estimated from Mitochondrial DNA Sequences. <i>African Zoology</i> , 2009 , 44, 208-215 | 1.1 | 1 |
| 15 | Estimating altitude in distribution records of Amphibians and Reptiles: a comparative study between topographic maps and Remote Sensing data. <i>Amphibia - Reptilia</i> , 2008 , 29, 121-126 | 1.2 | 1 |
| 14 | Environmental correlates for species richness among amphibians and reptiles in a climate transition area. <i>Topics in Biodiversity and Conservation</i> , 2006 , 261-276 | 0.2 | 1 |
| 13 | Drivers of change and conservation needs for vertebrates in drylands: an assessment from global scale to Sahara-Sahel wetlands 2021 , 88, 1103-1129 | | 1 |
| 12 | Integrative taxonomy reveals two species and intraspecific differentiation in the <i>Vipera latastei</i> complex. <i>Journal of Zoological Systematics and Evolutionary Research</i> , | 1.9 | 1 |
| 11 | Convergent evolution of increased urine-concentrating ability in desert mammals. <i>Mammal Review</i> , 2021 , 51, 482-491 | 5 | 1 |

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| 10 | Risks to conservation of species in the wild from promoting ex situ management: response to Farhadinia et al. 2020. <i>Conservation Biology</i> , 2021 , 35, 1327-1330 | 6 | 1 |
| 9 | Potential negative effects of the Green Wall on Sahel's biodiversity. <i>Conservation Biology</i> , 2021 , 35, 1966-1968 | 1 | 1 |
| 8 | Ants invading deserts: Non-native species in arid Moroccan oases. <i>Journal of Arid Environments</i> , 2021 , 184, 104122 | 2.5 | 1 |
| 7 | Sanctioning to extinction in Iran. <i>Science</i> , 2018 , 362, 1255 | 33.3 | 1 |
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| 3 | 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 | 4.1 | 0 |
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| 1 | Development of 23 microsatellite loci for <i>Boulenger's agama</i> (<i>Agama boulengeri</i>) with partial cross-amplification in other <i>Agama</i> species. <i>Amphibia - Reptilia</i> , 2016 , 37, 246-252 | 1.2 | |