

Mirko Di Febbraro

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

1,923
citations

257450

24
h-index

302126

39
g-index

80
all docs

80
docs citations

80
times ranked

2326
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing habitat quality in relation to the spatial distribution of protected areas in Italy. <i>Journal of Environmental Management</i> , 2017, 201, 129-137.	7.8	198
2	A new method for testing evolutionary rate variation and shifts in phenotypic evolution. <i>Methods in Ecology and Evolution</i> , 2018, 9, 974-983.	5.2	113
3	Shedding light on the effects of climate change on the potential distribution of <i>Xylella fastidiosa</i> in the Mediterranean basin. <i>Biological Invasions</i> , 2016, 18, 1759-1768.	2.4	108
4	Integrating climate and land-use change scenarios in modelling the future spread of invasive squirrels in Italy. <i>Diversity and Distributions</i> , 2019, 25, 644-659.	4.1	68
5	Species distribution models as a tool to predict range expansion after reintroduction: A case study on Eurasian beavers (<i>Castor fiber</i>). <i>Journal for Nature Conservation</i> , 2017, 37, 12-20.	1.8	62
6	Ignoring seasonal changes in the ecological niche of non-migratory species may lead to biases in potential distribution models: lessons from bats. <i>Biodiversity and Conservation</i> , 2018, 27, 2425-2441.	2.6	61
7	Expert-based and correlative models to map habitat quality: Which gives better support to conservation planning?. <i>Global Ecology and Conservation</i> , 2018, 16, e00513.	2.1	52
8	Testing a global standard for quantifying species recovery and assessing conservation impact. <i>Conservation Biology</i> , 2021, 35, 1833-1849.	4.7	51
9	A modelling approach to infer the effects of wind farms on landscape connectivity for bats. <i>Landscape Ecology</i> , 2014, 29, 891-903.	4.2	50
10	Spatially explicit models as tools for implementing effective management strategies for invasive alien mammals. <i>Mammal Review</i> , 2020, 50, 187-199.	4.8	48
11	The Use of Climatic Niches in Screening Procedures for Introduced Species to Evaluate Risk of Spread: A Case with the American Eastern Grey Squirrel. <i>PLoS ONE</i> , 2013, 8, e66559.	2.5	48
12	Protecting one, protecting both? Scale-dependent ecological differences in two species using dead trees, the rosalia longicorn beetle and the barbastelle bat. <i>Journal of Zoology</i> , 2015, 297, 165-175.	1.7	47
13	A new, fast method to search for morphological convergence with shape data. <i>PLoS ONE</i> , 2019, 14, e0226949.	2.5	42
14	Habitat suitability vs landscape connectivity determining roadkill risk at a regional scale: a case study on European badger (<i>Meles meles</i>). <i>European Journal of Wildlife Research</i> , 2019, 65, 1.	1.4	42
15	Different bat guilds perceive their habitat in different ways: a multiscale landscape approach for variable selection in species distribution modelling. <i>Landscape Ecology</i> , 2015, 30, 2147-2159.	4.2	39
16	Regional-scale modelling of the cumulative impact of wind farms on bats. <i>Biodiversity and Conservation</i> , 2013, 22, 1821-1835.	2.6	38
17	Fragmentation of Neanderthals' pre-extinction distribution by climate change. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 496, 146-154.	2.3	35
18	From the Apennines to the Alps: recent range expansion of the crested porcupine <i>Hystrix cristata</i> L., 1758 (Mammalia: Rodentia: Hystricidae) in Italy. <i>Italian Journal of Zoology</i> , 2013, 80, 469-480.	0.6	34

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19	What Story Does Geographic Separation of Insular Bats Tell? A Case Study on Sardinian Rhinolophids. PLoS ONE, 2014, 9, e110894.	2.5	32
20	Long-term effects of traditional and conservation-oriented forest management on the distribution of vertebrates in Mediterranean forests: a hierarchical hybrid modelling approach. Diversity and Distributions, 2015, 21, 1141-1154.	4.1	31
21	Modeling regional drought-stress indices for beech forests in Mediterranean mountains based on tree-ring data. Agricultural and Forest Meteorology, 2019, 265, 110-120.	4.8	30
22	Past Extinctions of Homo Species Coincided with Increased Vulnerability to Climatic Change. One Earth, 2020, 3, 480-490.	6.8	30
23	Assessment of the current distribution of free-living parrots and parakeets (Aves: Psittaciformes) in Italy: a synthesis of published data and new records. Italian Journal of Zoology, 2013, 80, 158-167.	0.6	28
24	Does the jack of all trades fare best? Survival and niche width in Late Pleistocene megafauna. Journal of Biogeography, 2017, 44, 2828-2838.	3.0	28
25	Tracing the evolutionary history of the mole, <i>Talpa europaea</i> , through mitochondrial DNA phylogeography and species distribution modelling. Biological Journal of the Linnean Society, 2015, 114, 495-512.	1.6	26
26	Macroevolution of Toothed Whales Exceptional Relative Brain Size. Evolutionary Biology, 2019, 46, 332-342.	1.1	26
27	Relationships between stand structural attributes and saproxylic beetle abundance in a Mediterranean broadleaved mixed forest. Forest Ecology and Management, 2019, 432, 957-966.	3.2	26
28	Hydromorphology Meets Mammal Ecology: River Morphological Quality, Recent Channel Adjustments and Otter Resilience. River Research and Applications, 2016, 32, 267-279.	1.7	23
29	A systematic conservation planning approach to fire risk management in Natura 2000 sites. Journal of Environmental Management, 2016, 181, 574-581.	7.8	23
30	Global change on the roof of the world: Vulnerability of Himalayan otter species to land use and climate alterations. Diversity and Distributions, 2022, 28, 1635-1649.	4.1	23
31	Prioritizing road-kill mitigation areas: A spatially explicit national-scale model for an elusive carnivore. Diversity and Distributions, 2020, 26, 1093-1103.	4.1	21
32	Aligning Inner Peripheries with rural development in Italy: Territorial evidence to support policy contextualization. Land Use Policy, 2021, 100, 104899.	5.6	21
33	Modeling distribution of Mediterranean beech forests and soil carbon stock under climate change scenarios. Climate Research, 2015, 66, 25-36.	1.1	20
34	Cold-blooded in the Ice Age: "refugia within refugia", inter-and intraspecific biogeographic diversification of European whipsnakes (Squamata, Colubridae, Hierophis). Zoology, 2018, 127, 84-94.	1.2	17
35	The influence of domestication, insularity and sociality on the tempo and mode of brain size evolution in mammals. Biological Journal of the Linnean Society, 2021, 132, 221-231.	1.6	17
36	Spatially explicit estimation of forest age by integrating remotely sensed data and inverse yield modeling techniques. IForest, 2016, 9, 63-71.	1.4	17

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37	The influence of climate on species distribution over time and space during the late Quaternary. <i>Quaternary Science Reviews</i> , 2016, 149, 188-199.	3.0	16
38	Unexpectedly rapid evolution of mandibular shape in hominins. <i>Scientific Reports</i> , 2018, 8, 7340.	3.3	16
39	Diversification Rates and the Evolution of Species Range Size Frequency Distribution. <i>Frontiers in Ecology and Evolution</i> , 0, 5, .	2.2	15
40	Where will it cross next? Optimal management of road collision risk for otters in Italy. <i>Journal of Environmental Management</i> , 2019, 251, 109609.	7.8	15
41	A 450 million years long latitudinal gradient in age-dependent extinction. <i>Ecology Letters</i> , 2020, 23, 439-446.	6.4	15
42	Mapping Coastal Dune Landscape through Spectral Rao's Q Temporal Diversity. <i>Remote Sensing</i> , 2020, 12, 2315.	4.0	15
43	Ancestral State Estimation with Phylogenetic Ridge Regression. <i>Evolutionary Biology</i> , 2020, 47, 220-232.	1.1	15
44	Measuring Alpha and Beta Diversity by Field and Remote-Sensing Data: A Challenge for Coastal Dunes Biodiversity Monitoring. <i>Remote Sensing</i> , 2021, 13, 1928.	4.0	15
45	Macroevolutionary trends of brain mass in Primates. <i>Biological Journal of the Linnean Society</i> , 0, , .	1.6	14
46	A Major Change in Rate of Climate Niche Envelope Evolution during Hominid History. <i>IScience</i> , 2020, 23, 101693.	4.1	14
47	Using macroecological constraints on spatial biodiversity predictions under climate change: the modelling method matters. <i>Ecological Modelling</i> , 2018, 390, 79-87.	2.5	13
48	Simultaneous detection of macroevolutionary patterns in phenotypic means and rate of change with and within phylogenetic trees including extinct species. <i>PLoS ONE</i> , 2019, 14, e0210101.	2.5	13
49	The role of habitat fragmentation in Pleistocene megafauna extinction in Eurasia. <i>Ecography</i> , 2021, 44, 1619-1630.	4.5	13
50	A Multi-Faceted Approach to Analyse the Effects of Environmental Variables on Geographic Range and Genetic Structure of a Perennial Psammophilous Geophyte: The Case of the Sea Daffodil <i>Pancreatium maritimum</i> L. in the Mediterranean Basin. <i>PLoS ONE</i> , 2016, 11, e0164816.	2.5	13
51	Machine Learning Algorithms to Predict Tree-Related Microhabitats using Airborne Laser Scanning. <i>Remote Sensing</i> , 2020, 12, 2142.	4.0	12
52	Additive effects of climate change and human hunting explain population decline and extinction in cave bears. <i>Boreas</i> , 2019, 48, 605-615.	2.4	11
53	Large scale faecal (spraint) counts indicate the population status of endangered Eurasian otters (<i>Lutra lutra</i>). <i>Ecological Indicators</i> , 2020, 109, 105844.	6.3	11
54	Potential distribution of alien parakeets in Tuscany (Central Italy): a bioclimatic model approach. <i>Ethology Ecology and Evolution</i> , 2015, 27, 116-128.	1.4	8

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55	The Monetaryâ€Equivalent Effect of Voluntary Work on Mental Wellbeing in Europe. <i>Kyklos</i> , 2018, 71, 3-27.	1.4	8
56	The role of protected areas in preserving habitat and functional connectivity for mobile flying vertebrates: the common noctule bat (<i>Nyctalus noctula</i>) in Tuscany (Italy) as a case study. <i>Biodiversity and Conservation</i> , 2019, 28, 1569-1592.	2.6	8
57	From Smart Apes to Human Brain Boxes. A Uniquely Derived Brain Shape in Late Hominins Clade. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	8
58	Effect of imperfect detection on the estimation of niche overlap between two forest dormice. <i>IForest</i> , 2018, 11, 482-490.	1.4	7
59	MlnOSSE: A new method to reconstruct geographic ranges of fossil species. <i>Methods in Ecology and Evolution</i> , 2020, 11, 1121-1132.	5.2	6
60	Living with the elephant in the room: Top-down control in Eurasian large mammal diversity over the last 22 million years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 485, 956-962.	2.3	5
61	Modelling Beach Litter Accumulation on Mediterranean Coastal Landscapes: An Integrative Framework Using Species Distribution Models. <i>Land</i> , 2021, 10, 54.	2.9	5
62	Distribution and functional traits of small mammals across the Mediterranean area: landscape composition and structure definitively matter. <i>Ecological Indicators</i> , 2022, 135, 108550.	6.3	5
63	The well-behaved killer: Late Pleistocene humans in Eurasia were significantly associated with living megafauna only. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 500, 24-32.	2.3	4
64	Distribution, spatial interaction and niche analysis in three species of European moles (genus <i>Talpa</i> .) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	2.6	3
65	Open<scp>MICE</scp>: an open spatial and temporal data set of small mammals in southâ€central Italy based on owl pellet data. <i>Ecology</i> , 2018, 99, 2874-2874.	3.2	3
66	The decline of the lanner falcon in Mediterranean landscapes: competition displacement or habitat loss?. <i>Animal Conservation</i> , 2019, 22, 24-34.	2.9	3
67	Diagnostic Species Diversity Pattern Can Provide Key Information on Vegetation Change: An Insight into High Mountain Habitats in Central Apennines. <i>Journal of Zoological and Botanical Gardens</i> , 2021, 2, 453-472.	1.8	2
68	A Noninvasive Genetic Insight into the Spatial and Social Organization of an Endangered Population of the Eurasian Otter (<i>Lutra lutra</i> , Mustelidae, Carnivora). <i>Sustainability</i> , 2022, 14, 1943.	3.2	2
69	Continuous, High-Resolution Mapping of Coastal Seafloor Sediment Distribution. <i>Remote Sensing</i> , 2022, 14, 1268.	4.0	2
70	A new method based on indirect evidences to infer activity pattern in moles. A test on the blind mole in Central Apennines. <i>Folia Zoologica</i> , 2014, 63, 116-121.	0.9	1
71	Rare species habitat suitability assessment and reliability evaluation of an expert-based model: A case study of the insectivorous plant <i>Pinguicula crystallina</i> Sibth. et Smith subsp. <i>hirtiflora</i> (Ten.) Strid (Lentibulariaceae). <i>Plant Biosystems</i> , 2016, 150, 730-740.	1.6	0
72	How a <i>Homo</i> Goes Extinct. Climatic Change and the Demise of Our Ancestors. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

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73	Is scat marking a reliable tool for otter census and surveys at the landscape scale?. Journal of Environmental Management, 2022, 315, 115098.	7.8	0