

# Gentile Francesco Ficetola

## List of Publications by Citations

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226  
papers

7,802  
citations

44  
h-index

79  
g-index

255  
ext. papers

10,030  
ext. citations

4.5  
avg, IF

6.45  
L-index

#	Paper	IF	Citations
226	Species detection using environmental DNA from water samples. <i>Biology Letters</i> , <b>2008</b> , 4, 423-5	3.6	828
225	Replication levels, false presences and the estimation of the presence/absence from eDNA metabarcoding data. <i>Molecular Ecology Resources</i> , <b>2015</b> , 15, 543-56	8.4	352
224	An in silico approach for the evaluation of DNA barcodes. <i>BMC Genomics</i> , <b>2010</b> , 11, 434	4.5	272
223	Shortfalls and Solutions for Meeting National and Global Conservation Area Targets. <i>Conservation Letters</i> , <b>2015</b> , 8, 329-337	6.9	268
222	Prediction and validation of the potential global distribution of a problematic alien invasive species – the American bullfrog. <i>Diversity and Distributions</i> , <b>2007</b> , 13, 476-485	5	259
221	Updated distribution and biogeography of amphibians and reptiles of Europe. <i>Amphibia - Reptilia</i> , <b>2014</b> , 35, 1-31	1.2	210
220	Amphibians in a human-dominated landscape: the community structure is related to habitat features and isolation. <i>Biological Conservation</i> , <b>2004</b> , 119, 219-230	6.2	171
219	The PREDICTS database: a global database of how local terrestrial biodiversity responds to human impacts. <i>Ecology and Evolution</i> , <b>2014</b> , 4, 4701-35	2.8	132
218	Ancient plant DNA in lake sediments. <i>New Phytologist</i> , <b>2017</b> , 214, 924-942	9.8	121
217	Ecological thresholds: an assessment of methods to identify abrupt changes in species-habitat relationships. <i>Ecography</i> , <b>2009</b> , 32, 1075-1084	6.5	113
216	Population genetics reveals origin and number of founders in a biological invasion. <i>Molecular Ecology</i> , <b>2008</b> , 17, 773-82	5.7	109
215	The database of the PREDICTS (Projecting Responses of Ecological Diversity In Changing Terrestrial Systems) project. <i>Ecology and Evolution</i> , <b>2017</b> , 7, 145-188	2.8	101
214	Knowing the past to predict the future: land-use change and the distribution of invasive bullfrogs. <i>Global Change Biology</i> , <b>2010</b> , 16, 528-537	11.4	90
213	Global determinants of zoogeographical boundaries. <i>Nature Ecology and Evolution</i> , <b>2017</b> , 1, 89	12.3	89
212	Morphological Differences between Larvae of the <i>Ciona intestinalis</i> Species Complex: Hints for a Valid Taxonomic Definition of Distinct Species. <i>PLoS ONE</i> , <b>2015</b> , 10, e0122879	3.7	78
211	The good, the bad and the ugly of COVID-19 lockdown effects on wildlife conservation: Insights from the first European locked down country. <i>Biological Conservation</i> , <b>2020</b> , 249, 108728	6.2	78
210	An evaluation of the robustness of global amphibian range maps. <i>Journal of Biogeography</i> , <b>2014</b> , 41, 211-221	4.1	77

209	Influence of landscape elements in riparian buffers on the conservation of semiaquatic amphibians. <i>Conservation Biology</i> , <b>2009</b> , 23, 114-23	6	74
208	From introduction to the establishment of alien species: bioclimatic differences between presence and reproduction localities in the slider turtle. <i>Diversity and Distributions</i> , <b>2009</b> , 15, 108-116	5	73
207	Habitat availability for amphibians and extinction threat: a global analysis. <i>Diversity and Distributions</i> , <b>2015</b> , 21, 302-311	5	71
206	Reconstructing long-term human impacts on plant communities: an ecological approach based on lake sediment DNA. <i>Molecular Ecology</i> , <b>2015</b> , 24, 1485-98	5.7	70
205	Trade-off between larval development rate and Post-metamorphic Traits in the Frog <i>Rana latastei</i> . <i>Evolutionary Ecology</i> , <b>2006</b> , 20, 143-158	1.8	64
204	Containment measures limit environmental effects on COVID-19 early outbreak dynamics		60
203	Bergmann's rule in amphibians: combining demographic and ecological parameters to explain body size variation among populations in the common toad <i>Bufo bufo</i> . <i>Journal of Zoological Systematics and Evolutionary Research</i> , <b>2009</b> , 47, 171-180	1.9	58
202	Cumulative effects of road de-icing salt on amphibian behavior. <i>Aquatic Toxicology</i> , <b>2010</b> , 99, 275-80	5.1	56
201	Toward quantification of the impact of 21st-century deforestation on the extinction risk of terrestrial vertebrates. <i>Conservation Biology</i> , <b>2016</b> , 30, 1070-9	6	54
200	Estimating patterns of reptile biodiversity in remote regions. <i>Journal of Biogeography</i> , <b>2013</b> , 40, 1202-1211	4.1	54
199	Conserving the functional and phylogenetic trees of life of European tetrapods. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 370, 20140005	5.8	54
198	Early assessment of the impact of alien species: differential consequences of an invasive crayfish on adult and larval amphibians. <i>Diversity and Distributions</i> , <b>2011</b> , 17, 1141-1151	5	54
197	Genetic diversity, but not hatching success, is jointly affected by postglacial colonization and isolation in the threatened frog, <i>Rana latastei</i> . <i>Molecular Ecology</i> , <b>2007</b> , 16, 1787-97	5.7	54
196	Species distribution models as a tool to estimate reproductive parameters: a case study with a passerine bird species. <i>Journal of Animal Ecology</i> , <b>2012</b> , 81, 781-7	4.7	52
195	Potential range of the invasive fish rotan ( <i>Perccottus glenii</i> ) in the Holarctic. <i>Biological Invasions</i> , <b>2011</b> , 13, 2967-2980	2.7	52
194	Contrasting effects of temperature and precipitation change on amphibian phenology, abundance and performance. <i>Oecologia</i> , <b>2016</b> , 181, 683-93	2.9	51
193	Combining genetic and ecological data to assess the conservation status of the endangered Ethiopian walia ibex. <i>Animal Conservation</i> , <b>2009</b> , 12, 89-100	3.2	51
192	Conservation of newt guilds in an agricultural landscape of Belgium: the importance of aquatic and terrestrial habitats. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2008</b> , 18, 714-728	2.6	51

191	Is interest toward the environment really declining? The complexity of analysing trends using internet search data. <i>Biodiversity and Conservation</i> , <b>2013</b> , 22, 2983-2988	3.4	50
190	The Racovitza impediment and the hidden biodiversity of unexplored environments. <i>Conservation Biology</i> , <b>2019</b> , 33, 214-216	6	48
189	Patterns of diversity in microscopic animals: are they comparable to those in protists or in larger animals?. <i>Global Ecology and Biogeography</i> , <b>2006</b> , 15, 153-162	6.1	46
188	Pattern of distribution of the American bullfrog <i>Rana catesbeiana</i> in Europe. <i>Biological Invasions</i> , <b>2007</b> , 9, 767-772	2.7	45
187	Flagship umbrella species needed for the conservation of overlooked aquatic biodiversity. <i>Conservation Biology</i> , <b>2017</b> , 31, 481-485	6	44
186	Landscape-stream interactions and habitat conservation for amphibians <b>2011</b> , 21, 1272-82		44
185	The importance of aquatic and terrestrial habitat for the European pond turtle ( <i>Emys orbicularis</i> ): implications for conservation planning and management. <i>Canadian Journal of Zoology</i> , <b>2004</b> , 82, 1704-1712	1.5	44
184	Do cave features affect underground habitat exploitation by non-troglobite species?. <i>Acta Oecologica</i> , <b>2014</b> , 55, 29-35	1.7	43
183	Landscape-level thresholds, and newt conservation <b>2007</b> , 17, 302-9		43
182	Foraging plasticity favours adaptation to new habitats in fire salamanders. <i>Animal Behaviour</i> , <b>2013</b> , 86, 375-382	2.8	42
181	Supplementation or in situ conservation? Evidence of local adaptation in the Italian agile frog <i>Rana latastei</i> and consequences for the management of populations. <i>Animal Conservation</i> , <b>2005</b> , 8, 33-40	3.2	42
180	Seasonal variation in microhabitat of salamanders: environmental variation or shift of habitat selection?. <i>PeerJ</i> , <b>2015</b> , 3, e1122	3.1	42
179	Global conservation of species' niches. <i>Nature</i> , <b>2020</b> , 580, 232-234	50.4	41
178	DNA from lake sediments reveals long-term ecosystem changes after a biological invasion. <i>Science Advances</i> , <b>2018</b> , 4, eaar4292	14.3	40
177	Using sets of behavioral biomarkers to assess short-term effects of pesticide: a study case with endosulfan on frog tadpoles. <i>Ecotoxicology</i> , <b>2012</b> , 21, 1240-50	2.9	39
176	Using ecological niche modelling to infer past, present and future environmental suitability for <i>Leiopelma hochstetteri</i> , an endangered New Zealand native frog. <i>Biological Conservation</i> , <b>2010</b> , 143, 1375-1384	6.2	39
175	Massive invasion of exotic <i>Barbus barbus</i> and introgressive hybridization with endemic <i>Barbus plebejus</i> in Northern Italy: where, how and why?. <i>Molecular Ecology</i> , <b>2013</b> , 22, 5295-312	5.7	38
174	Cave features, seasonality and subterranean distribution of non-obligate cave dwellers. <i>PeerJ</i> , <b>2017</b> , 5, e3169	3.1	38

173	Global drivers of population density in terrestrial vertebrates. <i>Global Ecology and Biogeography</i> , <b>2018</b> , 27, 968-979	6.1	37
172	Radically different phylogeographies and patterns of genetic variation in two European brown frogs, genus <i>Rana</i> . <i>Molecular Phylogenetics and Evolution</i> , <b>2013</b> , 68, 657-70	4.1	37
171	Frontiers in identifying conservation units: from neutral markers to adaptive genetic variation. <i>Animal Conservation</i> , <b>2009</b> , 12, 107-109	3.2	37
170	Similar local and landscape processes affect both a common and a rare newt species. <i>PLoS ONE</i> , <b>2013</b> , 8, e62727	3.7	37
169	New insights on lake sediment DNA from the catchment: importance of taphonomic and analytical issues on the record quality. <i>Scientific Reports</i> , <b>2019</b> , 9, 14676	4.9	36
168	6-kyr record of flood frequency and intensity in the western Mediterranean Alps – Interplay of solar and temperature forcing. <i>Quaternary Science Reviews</i> , <b>2017</b> , 170, 121-135	3.9	36
167	N-mixture models reliably estimate the abundance of small vertebrates. <i>Scientific Reports</i> , <b>2018</b> , 8, 10357	4.9	35
166	Spatial segregation among age classes in cave salamanders: habitat selection or social interactions?. <i>Population Ecology</i> , <b>2013</b> , 55, 217-226	2.1	35
165	Microrefugia, Climate Change, and Conservation of <i>Cedrus atlantica</i> in the Rif Mountains, Morocco. <i>Frontiers in Ecology and Evolution</i> , <b>2017</b> , 5,	3.7	35
164	Differences between microhabitat and broad-scale patterns of niche evolution in terrestrial salamanders. <i>Scientific Reports</i> , <b>2018</b> , 8, 10575	4.9	34
163	Polygyny, census and effective population size in the threatened frog, <i>Rana latastei</i> . <i>Animal Conservation</i> , <b>2010</b> , 13, 82-89	3.2	34
162	Water, stream morphology and landscape: complex habitat determinants for the fire salamander <i>Salamandra salamandra</i> . <i>Amphibia - Reptilia</i> , <b>2009</b> , 30, 7-15	1.2	34
161	A multi-scale approach to facultative paedomorphosis of European newts (Salamandridae) in the Montenegrin karst: Distribution pattern, environmental variables, and conservation. <i>Biological Conservation</i> , <b>2009</b> , 142, 509-517	6.2	33
160	Containment measures limit environmental effects on COVID-19 early outbreak dynamics. <i>Science of the Total Environment</i> , <b>2021</b> , 761, 144432	10.2	33
159	Usefulness of volunteer data to measure the large scale decline of ‘‘common’’ road populations. <i>Biological Conservation</i> , <b>2011</b> , 144, 2328-2334	6.2	32
158	Spatial autocorrelation and the analysis of invasion processes from distribution data: a study with the crayfish <i>Procambarus clarkii</i> . <i>Biological Invasions</i> , <b>2011</b> , 13, 2147-2160	2.7	32
157	Variation in genotoxic stress tolerance among frog populations exposed to UV and pollutant gradients. <i>Aquatic Toxicology</i> , <b>2009</b> , 95, 152-61	5.1	32
156	Heterochrony in a complex world: disentangling environmental processes of facultative paedomorphosis in an amphibian. <i>Journal of Animal Ecology</i> , <b>2014</b> , 83, 606-15	4.7	31

155	Complex impact of an invasive crayfish on freshwater food webs. <i>Biodiversity and Conservation</i> , <b>2012</b> , 21, 2641-2651	3.4	31
154	Global patterns of biodiversity along the phylogenetic time-scale: The role of climate and plate tectonics. <i>Global Ecology and Biogeography</i> , <b>2017</b> , 26, 1211-1221	6.1	30
153	Predicting wild boar damages to croplands in a mosaic of agricultural and natural areas. <i>Environmental Epigenetics</i> , <b>2014</b> , 60, 170-179	2.4	30
152	Human activities alter biogeographical patterns of reptiles on Mediterranean islands. <i>Global Ecology and Biogeography</i> , <b>2009</b> , 18, 214-222	6.1	29
151	Environmental suitability models predict population density, performance and body condition for microendemic salamanders. <i>Scientific Reports</i> , <b>2018</b> , 8, 7527	4.9	28
150	TetraDENSITY: A database of population density estimates in terrestrial vertebrates. <i>Global Ecology and Biogeography</i> , <b>2018</b> , 27, 787-791	6.1	27
149	Sampling bias inverts ecogeographical relationships in island reptiles. <i>Global Ecology and Biogeography</i> , <b>2014</b> , 23, 1303-1313	6.1	27
148	Ecogeographical variation of body size in the newt <i>Triturus carnifex</i> : comparing the hypotheses using an information-theoretic approach. <i>Global Ecology and Biogeography</i> , <b>2010</b> , 19, 485	6.1	27
147	Proactive conservation to prevent habitat losses to agricultural expansion. <i>Nature Sustainability</i> , <b>2021</b> , 4, 314-322	22.1	27
146	The distribution of cave twilight-zone spiders depends on microclimatic features and trophic supply. <i>Invertebrate Biology</i> , <b>2015</b> , 134, 242-251	1	26
145	Do cave salamanders occur randomly in cavities? An analysis with <i>Hydromantes strinatii</i> . <i>Amphibia - Reptilia</i> , <b>2012</b> , 33, 251-259	1.2	26
144	Synergies and trade-offs in achieving global biodiversity targets. <i>Conservation Biology</i> , <b>2016</b> , 30, 189-95	6	26
143	The Geography of Ecological Niche Evolution in Mammals. <i>Current Biology</i> , <b>2017</b> , 27, 1369-1374	6.3	25
142	Risk of invasion by frequently traded freshwater turtles. <i>Biological Invasions</i> , <b>2014</b> , 16, 217-231	2.7	25
141	Large-scale DNA-based survey of frogs in Amazonia suggests a vast underestimation of species richness and endemism. <i>Journal of Biogeography</i> , <b>2020</b> , 47, 1781-1791	4.1	24
140	How many predictors in species distribution models at the landscape scale? Land use versus LiDAR-derived canopy height. <i>International Journal of Geographical Information Science</i> , <b>2014</b> , 28, 1723-1739	4.1	24
139	Vertebrates respond differently to human disturbance: implications for the use of a focal species approach. <i>Acta Oecologica</i> , <b>2007</b> , 31, 109-118	1.7	24
138	Invasive Species and Amphibian Conservation. <i>Herpetologica</i> , <b>2020</b> , 76, 216	1.9	24

137	Genetic and ecological data reveal species boundaries between viviparous and oviparous lizard lineages. <i>Heredity</i> , <b>2015</b> , 115, 517-26	3.6	23
136	Length-mass allometries in amphibians. <i>Integrative Zoology</i> , <b>2018</b> , 13, 36-45	1.9	23
135	Thermal equilibrium and temperature differences among body regions in European plethodontid salamanders. <i>Journal of Thermal Biology</i> , <b>2016</b> , 60, 79-85	2.9	23
134	Environmental DNA and metabarcoding for the study of amphibians and reptiles: species distribution, the microbiome, and much more. <i>Amphibia - Reptilia</i> , <b>2019</b> , 40, 129-148	1.2	23
133	Lake Sedimentary DNA Research on Past Terrestrial and Aquatic Biodiversity: Overview and Recommendations. <i>Quaternary</i> , <b>2021</b> , 4, 6	2.2	23
132	Long-term changes in alpine pedogenetic processes: Effect of millennial agro-pastoralism activities (French-Italian Alps). <i>Geoderma</i> , <b>2017</b> , 306, 217-236	6.7	22
131	Amplified fragment length homoplasmy: in silico analysis for model and non-model species. <i>BMC Genomics</i> , <b>2010</b> , 11, 287	4.5	22
130	Morphological variation in salamanders and their potential response to climate change. <i>Global Change Biology</i> , <b>2016</b> , 22, 2013-24	11.4	22
129	Environmental DNA provides information on sediment sources: A study in catchments affected by Fukushima radioactive fallout. <i>Science of the Total Environment</i> , <b>2019</b> , 665, 873-881	10.2	22
128	Optimizing monitoring schemes to detect trends in abundance over broad scales. <i>Animal Conservation</i> , <b>2018</b> , 21, 221-231	3.2	21
127	Is the European "pond" turtle <i>Emys orbicularis</i> strictly aquatic and carnivorous?. <i>Amphibia - Reptilia</i> , <b>2006</b> , 27, 445-447	1.2	20
126	Odonata Occurrence in Caves: Active or Accidentals? A new Case Study. <i>Journal of Cave and Karst Studies</i> , <b>2013</b> , 75, 205-209	1.6	20
125	Global COVID-19 lockdown highlights humans as both threats and custodians of the environment. <i>Biological Conservation</i> , <b>2021</b> , 263, 109175	6.2	20
124	Consider species specialism when publishing datasets. <i>Nature Ecology and Evolution</i> , <b>2019</b> , 3, 319	12.3	19
123	Rensch's rule and sexual dimorphism in salamanders: patterns and potential processes. <i>Journal of Zoology</i> , <b>2014</b> , 293, 143-151	2	19
122	Do hybrid-origin polyploid amphibians occupy transgressive or intermediate ecological niches compared to their diploid ancestors?. <i>Journal of Biogeography</i> , <b>2016</b> , 43, 703-715	4.1	19
121	A hole in the nematosphere: tardigrades and rotifers dominate the cryoconite hole environment, whereas nematodes are missing. <i>Journal of Zoology</i> , <b>2021</b> , 313, 18-36	2	19
120	Continental-scale determinants of population trends in European amphibians and reptiles. <i>Global Change Biology</i> , <b>2019</b> , 25, 3504-3515	11.4	18



119	Can patterns of spatial autocorrelation reveal population processes? An analysis with the fire salamander. <i>Ecography</i> , <b>2012</b> , 35, 693-703	6.5	18
118	Five thousand years of tropical lake sediment DNA records from Benin. <i>Quaternary Science Reviews</i> , <b>2017</b> , 170, 203-211	3.9	18
117	Using kernels and ecological niche modeling to delineate conservation areas in an endangered patch-breeding phenotype. <i>Ecological Applications</i> , <b>2015</b> , 25, 1922-31	4.9	18
116	Reproductive isolation between oviparous and viviparous lineages of the Eurasian common lizard <i>Zootoca vivipara</i> in a contact zone. <i>Biological Journal of the Linnean Society</i> , <b>2015</b> , 114, 566-573	1.9	18
115	Ecological thresholds in herb communities for the management of suburban fragmented forests. <i>Forest Ecology and Management</i> , <b>2010</b> , 259, 343-349	3.9	17
114	The influence of beach features on nesting of the hawksbill turtle <i>Eretmochelys imbricata</i> in the Arabian Gulf. <i>Oryx</i> , <b>2007</b> , 41, 402-405	1.5	17
113	Conditionally autoregressive models improve occupancy analyses of autocorrelated data: An example with environmental DNA. <i>Molecular Ecology Resources</i> , <b>2019</b> , 19, 163-175	8.4	17
112	Rapid selection against inbreeding in a wild population of a rare frog. <i>Evolutionary Applications</i> , <b>2011</b> , 4, 30-8	4.8	16
111	Interspecific Social Interactions and Breeding Success of the Frog <i>Rana latastei</i> : A Field Study. <i>Ethology</i> , <b>2005</b> , 111, 764-774	1.7	16
110	Role of density and resource competition in determining aggressive behaviour in salamanders. <i>Journal of Zoology</i> , <b>2015</b> , 296, 270-277	2	15
109	Biphasic predators provide biomass subsidies in small freshwater habitats: A case study of spring and cave pools. <i>Freshwater Biology</i> , <b>2017</b> , 62, 1637-1644	3.1	15
108	Habitat conservation research for amphibians: methodological improvements and thematic shifts. <i>Biodiversity and Conservation</i> , <b>2015</b> , 24, 1293-1310	3.4	15
107	What shapes the trophic niche of European plethodontid salamanders?. <i>PLoS ONE</i> , <b>2018</b> , 13, e0205672	3.7	15
106	Spatial analyses of multi-trophic terrestrial vertebrate assemblages in Europe. <i>Global Ecology and Biogeography</i> , <b>2019</b> , 28, 1636-1648	6.1	14
105	Salamanders breeding in subterranean habitats: local adaptations or behavioural plasticity?. <i>Journal of Zoology</i> , <b>2013</b> , 289, 182-188	2	14
104	Ecogeographic variation of body size in the spectacled salamanders ( <i>Salamandrina</i> ): influence of genetic structure and local factors. <i>Journal of Biogeography</i> , <b>2010</b> , 37, 2358-2370	4.1	14
103	Comparison of markers for the monitoring of freshwater benthic biodiversity through DNA metabarcoding. <i>Molecular Ecology</i> , <b>2021</b> , 30, 3189-3202	5.7	14
102	Field-recorded data on the diet of six species of European <i>Hydromantes</i> cave salamanders. <i>Scientific Data</i> , <b>2018</b> , 5, 180083	8.2	14



101	Elevational gradient and human effects on butterfly species richness in the French Alps. <i>Ecology and Evolution</i> , <b>2017</b> , 7, 3672-3681	2.8	13
100	Modelling the potential distribution of the Bridled Skink, <i>Trachylepis vittata</i> (Olivier, 1804), in the Middle East. <i>Zoology in the Middle East</i> , <b>2014</b> , 60, 208-216	0.7	13
99	Molecular Phylogenies indicate a Paleo-Tibetan Origin of Himalayan Lazy Toads ( <i>Scutigera</i> ). <i>Scientific Reports</i> , <b>2017</b> , 7, 3308	4.9	13
98	Offspring size and survival in the frog <i>Rana latastei</i> : from among-population to within-clutch variation. <i>Biological Journal of the Linnean Society</i> , <b>2009</b> , 97, 845-853	1.9	13
97	Amphibians breeding in refuge habitats have larvae with stronger antipredator responses. <i>Animal Behaviour</i> , <b>2016</b> , 118, 115-121	2.8	13
96	Topsoil organic matter build-up in glacier forelands around the world. <i>Global Change Biology</i> , <b>2021</b> , 27, 1662-1677	11.4	13
95	Interspecific and interpopulation variation in individual diet specialization: Do environmental factors have a role?. <i>Ecology</i> , <b>2020</b> , 101, e03088	4.6	12
94	Deforestation and the structure of frog communities in the Humedale Terraba-Sierpe, Costa Rica. <i>Zoological Science</i> , <b>2009</b> , 26, 197-202	0.8	12
93	Environmental Suitability and Distribution of the Caucasian Rock Agama, <i>Paralaudakia caucasia</i> (Sauria: Agamidae) in Western and Central Asia. <i>Asian Herpetological Research</i> , <b>2013</b> , 4, 207-213		12
92	Persistence of environmental DNA in cultivated soils: implication of this memory effect for reconstructing the dynamics of land use and cover changes. <i>Scientific Reports</i> , <b>2020</b> , 10, 10502	4.9	12
91	Rapid adaptation to invasive predators overwhelms natural gradients of intraspecific variation. <i>Nature Communications</i> , <b>2020</b> , 11, 3608	17.4	12
90	Causes and consequences of crayfish extinction: Stream connectivity, habitat changes, alien species and ecosystem services. <i>Freshwater Biology</i> , <b>2019</b> , 64, 284-293	3.1	12
89	Environmental factors determining growth of salamander larvae: A field study. <i>Environmental Epigenetics</i> , <b>2015</b> , 61, 421-427	2.4	11
88	Weak effects of habitat type on susceptibility to invasive freshwater species: an Italian case study. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2014</b> , 24, 841-852	2.6	11
87	Assessing the value of secondary forest for amphibians: <i>Eleutherodactylus</i> frogs in a gradient of forest alteration. <i>Biodiversity and Conservation</i> , <b>2008</b> , 17, 2185-2195	3.4	11
86	Alien species in Italian freshwater ecosystems: a macroecological assessment of invasion drivers. <i>Aquatic Invasions</i> , <b>2017</b> , 12, 299-309	2.9	11
85	Even worms matter: cave habitat restoration for a planarian species increased environmental suitability but not abundance. <i>Oryx</i> , <b>2019</b> , 53, 216-221	1.5	11
84	Alien reptiles on Mediterranean Islands: A model for invasion biogeography. <i>Diversity and Distributions</i> , <b>2019</b> , 25, 995-1005	5	10

83	Biogeographical structure and endemism pattern in reptiles of the Western Palearctic. <i>Progress in Physical Geography</i> , <b>2018</b> , 42, 220-236	3.5	10
82	Cave morphology, microclimate and abundance of five cave predators from the Monte Albo (Sardinia, Italy). <i>Biodiversity Data Journal</i> , <b>2020</b> , 8, e48623	1.8	10
81	A framework for prioritising present and potentially invasive mammal species for a national list. <i>NeoBiota</i> , <b>62</b> , 31-54	4.2	10
80	Unveiling the food webs of tetrapods across Europe through the prism of the Eltonian niche. <i>Journal of Biogeography</i> , <b>2020</b> , 47, 181-192	4.1	10
79	Pastoralism increased vulnerability of a subalpine catchment to flood hazard through changing soil properties. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2020</b> , 538, 109462	2.9	10
78	Abundance, distribution and spread of the invasive Asian toad <i>Duttaphrynus melanostictus</i> in eastern Madagascar. <i>Biological Invasions</i> , <b>2019</b> , 21, 1615-1626	2.7	10
77	Diet shifts by adult flightless dung beetles <i>Circellium bacchus</i> , revealed using DNA metabarcoding, reflect complex life histories. <i>Oecologia</i> , <b>2018</b> , 188, 107-115	2.9	10
76	Microhabitat analyses support relationships between niche breadth and range size when spatial autocorrelation is strong. <i>Ecography</i> , <b>2020</b> , 43, 724-734	6.5	9
75	Network-scale effects of invasive species on spatially-structured amphibian populations. <i>Ecography</i> , <b>2020</b> , 43, 119-127	6.5	9
74	Photographic database of the European cave salamanders, genus <i>Hydromantes</i> . <i>Scientific Data</i> , <b>2020</b> , 7, 171	8.2	9
73	Shifting aspect or elevation? The climate change response of ectotherms in a complex mountain topography. <i>Diversity and Distributions</i> , <b>2020</b> , 26, 1483-1495	5	9
72	Multi-taxa colonisation along the foreland of a vanishing equatorial glacier. <i>Ecography</i> , <b>2021</b> , 44, 1010	6.5	9
71	Morphological vs. DNA metabarcoding approaches for the evaluation of stream ecological status with benthic invertebrates: Testing different combinations of markers and strategies of data filtering. <i>Molecular Ecology</i> , <b>2021</b> , 30, 3203-3220	5.7	8
70	Assessing the consequences of biological invasions on species with complex life cycles: Impact of the alien crayfish <i>Procambarus clarkii</i> on Odonata. <i>Ecological Indicators</i> , <b>2014</b> , 46, 70-77	5.8	8
69	Taking the lead on climate change: modelling and monitoring the fate of an Amazonian frog. <i>Oryx</i> , <b>2016</b> , 50, 450-459	1.5	8
68	Connecting high-throughput biodiversity inventories: Opportunities for a site-based genomic framework for global integration and synthesis. <i>Molecular Ecology</i> , <b>2021</b> , 30, 1120-1135	5.7	8
67	Transgressive niche across a salamander hybrid zone revealed by microhabitat analyses. <i>Journal of Biogeography</i> , <b>2019</b> , 46, 1342	4.1	7
66	TETRA-EU 1.0: A species-level trophic metaweb of European tetrapods. <i>Global Ecology and Biogeography</i> , <b>2020</b> , 29, 1452-1457	6.1	7

65	Numerical methods for sedimentary-ancient-DNA-based study on past biodiversity and ecosystem functioning. <i>Environmental DNA</i> , <b>2020</b> , 2, 115-129	7.6	7
64	Evolution of Sexual Dimorphism in the Number of Tail Vertebrae in Salamanders: Comparing Multiple Hypotheses. <i>Evolutionary Biology</i> , <b>2013</b> , 40, 220-227	3	7
63	Threatened by Legislative Conservationism? The Case of the Critically Endangered Aeolian Lizard. <i>Frontiers in Ecology and Evolution</i> , <b>2017</b> , 5,	3.7	7
62	On the stability of the dorsal pattern of European cave salamanders (genus <i>Hydromantes</i> ). <i>Herpetozoa</i> , <b>32</b> , 249-253	1	7
61	Traditionally managed landscapes do not prevent amphibian decline and the extinction of paedomorphosis. <i>Ecological Monographs</i> , <b>2019</b> , 89, e01347	9	7
60	Dynamics of Ecological Communities Following Current Retreat of Glaciers. <i>Annual Review of Ecology, Evolution, and Systematics</i> , <b>2021</b> , 52,	13.5	7
59	Fine-scale phylogeography of <i>Rana temporaria</i> (Anura: Ranidae) in a putative secondary contact zone in the southern Alps. <i>Biological Journal of the Linnean Society</i> , <b>2017</b> , 122, 824-837	1.9	6
58	Do Salamanders Limit the Abundance of Groundwater Invertebrates in Subterranean Habitats?. <i>Diversity</i> , <b>2020</b> , 12, 161	2.5	6
57	Conserving adaptive genetic diversity in dynamic landscapes. <i>Molecular Ecology</i> , <b>2011</b> , 20, 1569-71	5.7	6
56	Impacts of Human Activities and Predators on the Nest Success of the Hawksbill Turtle, <i>Eretmochelys imbricata</i> , in the Arabian Gulf. <i>Chelonian Conservation and Biology</i> , <b>2008</b> , 7, 255-257	0.9	6
55	Switching from mesopredator to apex predator: how do responses vary in amphibians adapted to cave living?. <i>Behavioral Ecology and Sociobiology</i> , <b>2020</b> , 74, 1	2.5	6
54	Vanishing permanent glaciers: climate change is threatening a European Union habitat (Code 8340) and its poorly known biodiversity. <i>Biodiversity and Conservation</i> , <b>2021</b> , 30, 2267-2276	3.4	6
53	Brazilian montane rainforest expansion induced by Heinrich Stadial 1 event. <i>Scientific Reports</i> , <b>2019</b> , 9, 17912	4.9	6
52	Inferring the biogeography and demographic history of an endangered butterfly in Europe from multilocus markers. <i>Biological Journal of the Linnean Society</i> , <b>2019</b> , 126, 95-113	1.9	6
51	Long-term drivers of persistence and colonization dynamics in spatially structured amphibian populations. <i>Conservation Biology</i> , <b>2021</b> , 35, 1530-1539	6	6
50	Buying environmental problems: The invasive potential of imported freshwater turtles in Argentina. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2017</b> , 27, 685-691	2.6	5
49	Safe as a cave? Intraspecific aggressiveness rises in predator-devoid and resource-depleted environments. <i>Behavioral Ecology and Sociobiology</i> , <b>2019</b> , 73, 1	2.5	5
48	Same Diet, Different Strategies: Variability of Individual Feeding Habits across Three Populations of Ambrosiã Cave Salamander ( <i>Hydromantes ambrosii</i> ). <i>Diversity</i> , <b>2020</b> , 12, 180	2.5	5

47	Cave exploitation by an usual epigeal species: a review on the current knowledge on fire salamander breeding in cave. <i>Biogeographia</i> , <b>2017</b> , 32,	0.7	5
46	Distribution pattern of the Snake-eyed Lizard, <i>Ophisops elegans</i> Mĥtriš, 1832 (Squamata: Lacertidae), in Iran. <i>Zoology in the Middle East</i> , <b>2014</b> , 60, 125-132	0.7	5
45	Is the Italian stream frog ( <i>Rana italica</i> Dubois, 1987) an opportunistic exploiter of cave twilight zone?. <i>Subterranean Biology</i> , <b>25</b> , 49-60		5
44	Cryoconite - From minerals and organic matter to bioengineered sediments on glacier's surfaces. <i>Science of the Total Environment</i> , <b>2021</b> , 807, 150874	10.2	5
43	The post hoc measurement as a safe and reliable method to age and size plethodontid salamanders. <i>Ecology and Evolution</i> , <b>2020</b> , 10, 11111-11116	2.8	5
42	Modelling the potential spread of the Red-billed Leiothrix <i>Leiothrix lutea</i> in Italy. <i>Bird Study</i> , <b>2019</b> , 66, 550-560	0.7	5
41	How the South was won: current and potential range expansion of the crested porcupine in Southern Italy. <i>Mammalian Biology</i> , <b>2021</b> , 101, 11-19	1.6	5
40	Cost-effective spatial sampling designs for field surveys of species distribution. <i>Biodiversity and Conservation</i> , <b>2019</b> , 28, 2891-2908	3.4	4
39	Are the Neglected Tipuloidea Crane Flies (Diptera) an Important Component for Subterranean Environments?. <i>Diversity</i> , <b>2020</b> , 12, 333	2.5	4
38	leeches, environmental features and salamanders. <i>International Journal for Parasitology: Parasites and Wildlife</i> , <b>2018</b> , 7, 48-53	2.6	4
37	Effects of soil preservation for biodiversity monitoring using environmental DNA. <i>Molecular Ecology</i> , <b>2021</b> , 30, 3313-3325	5.7	4
36	Productivity begets less phylogenetic diversity but higher uniqueness than expected. <i>Journal of Biogeography</i> , <b>2020</b> , 47, 44-58	4.1	4
35	Embryotoxicity characterization of the flame retardant tris(1-chloro-2-propyl)phosphate (TCPP) in the invertebrate chordate <i>Ciona intestinalis</i> . <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , <b>2021</b> , 335, 339-347	1.9	4
34	Eco-geographical determinants of the evolution of ornamentation in vipers. <i>Biological Journal of the Linnean Society</i> , <b>2020</b> , 130, 345-358	1.9	3
33	Cases of albinism and leucism in amphibians in Italy: new reports. <i>Natural History Sciences</i> , <b>2017</b> , 4, 73-80.	0.3	3
32	Starting size and tadpole performance in the frog <i>Rana latastei</i> . <i>Journal of Zoology</i> , <b>2011</b> , 284, 15-20	2	3
31	Integrating landscape ecology and the assessment of ecosystem services in the study of karst areas. <i>Landscape Ecology</i> , <b>1</b>	4.3	3
30	Evaluation of Soil Biodiversity in Alpine Habitats through eDNA Metabarcoding and Relationships with Environmental Features. <i>Forests</i> , <b>2020</b> , 11, 738	2.8	3

29	Lockdown policy effects on invasive species: a perspective. <i>Biodiversity</i> , <b>2021</b> , 22, 35-40	0.7	3
28	Climate and land-use changes drive biodiversity turnover in arthropod assemblages over 150 years. <i>Nature Ecology and Evolution</i> , <b>2021</b> , 5, 1291-1300	12.3	3
27	Ancient DNA, lipid biomarkers and palaeoecological evidence reveals construction and life on early medieval lake settlements. <i>Scientific Reports</i> , <b>2021</b> , 11, 11807	4.9	2
26	Updating salamander datasets with phenotypic and stomach content information for two mainland Speleomantes. <i>Scientific Data</i> , <b>2021</b> , 8, 150	8.2	2
25	A geographic distribution data set of biodiversity in Italian freshwaters. <i>Biogeographia</i> , <b>2016</b> , 31,	0.7	2
24	Thirty years of invasion: the distribution of the invasive crayfish <i>Procambarus clarkii</i> in Italy. <i>Biogeographia</i> , <b>2019</b> , 35,	0.7	2
23	The Ascidian Embryo Teratogenicity assay in <i>Ciona intestinalis</i> as a new teratological screening to test the mixture effect of the co-exposure to ethanol and fluconazole. <i>Environmental Toxicology and Pharmacology</i> , <b>2018</b> , 57, 76-85	5.8	2
22	NA2RE is reliable but aims for improvement: an answer to Vamberger and Fritz (2018). <i>Biologia (Poland)</i> , <b>2018</b> , 73, 1131-1135	1.5	2
21	Deciphering the drivers of negative species-genetic diversity correlation in Alpine amphibians. <i>Molecular Ecology</i> , <b>2018</b> , 27, 4916-4930	5.7	2
20	Visual recognition and coevolutionary history drive responses of amphibians to an invasive predator. <i>Behavioral Ecology</i> ,	2.3	2
19	Priority conservation areas for <i>Cedrus atlantica</i> in the Atlas Mountains, Morocco. <i>Conservation Science and Practice</i> ,	2.2	2
18	Teratogenic potential of nanoencapsulated vitamin A evaluated on an alternative model organism, the tunicate <i>Ciona intestinalis</i> . <i>International Journal of Food Sciences and Nutrition</i> , <b>2018</b> , 69, 805-813	3.7	1
17	ClimCKmap, a spatially, temporally and climatically explicit distribution database for the Italian fauna. <i>Scientific Data</i> , <b>2019</b> , 6, 195	8.2	1
16	The Retreat of Mountain Glaciers since the Little Ice Age: A Spatially Explicit Database. <i>Data</i> , <b>2021</b> , 6, 107	2.3	1
15	Not Only Environmental Conditions but Also Human Awareness Matters: A Successful Post-Crayfish Plague Reintroduction of the White-Clawed Crayfish ( <i>Austropotamobius pallipes</i> ) in Northern Italy. <i>Frontiers in Ecology and Evolution</i> , <b>2021</b> , 9,	3.7	1
14	Status of the largest extant population of the critically endangered Aeolian lizard <i>Podarcis raffonei</i> (Capo Grosso, Vulcano island). <i>PLoS ONE</i> , <b>2021</b> , 16, e0253631	3.7	1
13	Determinants of zoogeographical boundaries differ between vertebrate groups. <i>Global Ecology and Biogeography</i> , <b>2021</b> , 30, 1796-1809	6.1	1
12	Effects of diet quality on morphology and intraspecific competition ability during development: the case of fire salamander larvae <b>2018</b> , 85, 321-330		1

11	ReptIslands: Mediterranean islands and the distribution of their reptile fauna. <i>Global Ecology and Biogeography</i> , <b>2022</b> , 31, 840-847	6.1	1
10	Testing Experimental Results in the Field: Reply to Hettyey and Pearman. <i>Ethology</i> , <b>2006</b> , 112, 932-933	1.7	0
9	Toad invasion of Malagasy forests triggers severe mortality of a predatory snake. <i>Biological Invasions</i> , <b>2022</b> , 24, 1189	2.7	0
8	Seasonal consumption of insects by the crested porcupine in Central Italy. <i>Mammalia</i> , <b>2021</b> , 85, 231-235	1	0
7	Ecological Observations on Hybrid Populations of European Plethodontid Salamanders, Genus <i>Speleomantes</i> . <i>Diversity</i> , <b>2021</b> , 13, 285	2.5	0
6	The spatial scaling of food web structure across European biogeographical regions. <i>Ecography</i> , <b>2021</b> , 44, 653-664	6.5	0
5	Raised by aliens: constant exposure to an invasive predator triggers morphological but not behavioural plasticity in a threatened species tadpoles. <i>Biological Invasions</i> , <b>2021</b> , 23, 3777	2.7	0
4	Environmental DNA of insects and springtails from caves reveals complex processes of eDNA transfer in soils.. <i>Science of the Total Environment</i> , <b>2022</b> , 826, 154022	10.2	0
3	Global response of conservationists across mass media likely constrained bat persecution due to COVID-19. <i>Biological Conservation</i> , <b>2022</b> , 109591	6.2	0
2	Importance of landscape features and Earth observation derived habitat maps for modelling amphibian distribution in the Alta Murgia National Park. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2015</b> , 37, 152-159	7.3	
1	Does spatial sorting occur in the invasive Asian toad in Madagascar? Insights into the invasion unveiled by morphological analyses. <i>Journal of Zoological Systematics and Evolutionary Research</i> ,	1.9	