

Stefano Mammola

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4536517/stefano-mammola-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

102
papers

1,540
citations

20
h-index

35
g-index

131
ext. papers

2,523
ext. citations

4.6
avg, IF

5.73
L-index

#	Paper	IF	Citations
102	Climatic stability, not average habitat temperature, determines thermal tolerance of subterranean beetles.. <i>Ecology</i> , 2022 ,	4.6	4
101	An expert-curated global database of online newspaper articles on spiders and spider bites.. <i>Scientific Data</i> , 2022 , 9, 109	8.2	1
100	Brazilian cave heritage under siege.. <i>Science</i> , 2022 , 375, 1238-1239	33.3	4
99	Towards evidence-based conservation of subterranean ecosystems.. <i>Biological Reviews</i> , 2022 ,	13.5	6
98	Overview: Recent advances in the understanding of the northern Eurasian environments and of the urban air quality in China ▯ Pan-Eurasian Experiment (PEEX) programme perspective. <i>Atmospheric Chemistry and Physics</i> , 2022 , 22, 4413-4469	6.8	1
97	A multi-layered approach uncovers overlooked taxonomic and physiological diversity in Alpine subterranean spiders (Araneae: Linyphiidae: Troglolyphantes). <i>Invertebrate Systematics</i> , 2022 , 36, 354	1.2	0
96	The promise and perils of engineering cave climates: Response to Turner et al. .. <i>Conservation Biology</i> , 2022 , e13927	6	2
95	Global response of conservationists across mass media likely constrained bat persecution due to COVID-19. <i>Biological Conservation</i> , 2022 , 109591	6.2	0
94	Challenges and opportunities of species distribution modelling of terrestrial arthropod predators. <i>Diversity and Distributions</i> , 2021 , 27, 2596	5	2
93	Global distribution of microwhip scorpions (Arachnida: Palpigradi). <i>Journal of Biogeography</i> , 2021 , 48, 1518-1529	4.1	1
92	Microhabitat selection of a Sicilian subterranean woodlouse and its implications for cave management. <i>International Journal of Speleology</i> , 2021 , 50, 53-63	2	3
91	Spider conservation in Europe: a review. <i>Biological Conservation</i> , 2021 , 256, 109020	6.2	6
90	Specialized terminology reduces the number of citations of scientific papers. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20202581	4.4	12
89	Collecting eco-evolutionary data in the dark: Impediments to subterranean research and how to overcome them. <i>Ecology and Evolution</i> , 2021 , 11, 5911-5926	2.8	19
88	Don't forget subterranean ecosystems in climate change agendas. <i>Nature Climate Change</i> , 2021 , 11, 458-459	45.9	17
87	Plant scientists' research attention is skewed towards colourful, conspicuous and broadly distributed flowers. <i>Nature Plants</i> , 2021 , 7, 574-578	11.5	5
86	Habitat differences filter functional diversity of low dispersive microscopic animals (Acari, Halacaridae). <i>Hydrobiologia</i> , 2021 , 848, 2681-2698	2.4	4

85	Exploring ecological specialization in pipefish using genomic, morphometric and ecological evidence. <i>Diversity and Distributions</i> , 2021 , 27, 1393-1406	5	2
84	Intraspecific genetic variation matters when predicting seagrass distribution under climate change. <i>Molecular Ecology</i> , 2021 , 30, 3840-3855	5.7	3
83	Explainable artificial intelligence enhances the ecological interpretability of black-box species distribution models. <i>Ecography</i> , 2021 , 44, 199-205	6.5	13
82	A trade-off between latitude and elevation contributes to explain range segregation of broadly distributed cave-dwelling spiders. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2021 , 59, 370-375	1.9	2
81	Niche-based processes explaining the distributions of closely related subterranean spiders. <i>Journal of Biogeography</i> , 2021 , 48, 118-133	4.1	7
80	Impact of the reference list features on the number of citations. <i>Scientometrics</i> , 2021 , 126, 785-799	3	5
79	Niche Partitioning at Emergence of Two Syntopic Dragonflies. <i>Ecologies</i> , 2021 , 2, 16-26	0.3	
78	The World Spider Trait database: a centralized global open repository for curated data on spider traits. <i>Database: the Journal of Biological Databases and Curation</i> , 2021 , 2021,	5	4
77	Concepts and applications in functional diversity. <i>Functional Ecology</i> , 2021 , 35, 1869-1885	5.6	9
76	Potential niche displacement in species of aquatic bdelloid rotifers between temperate and tropical areas. <i>Hydrobiologia</i> , 2021 , 848, 4903-4918	2.4	1
75	Rarity facets of biodiversity: Integrating Zeta diversity and Dark diversity to understand the nature of commonness and rarity. <i>Ecology and Evolution</i> , 2021 , 11, 13912-13919	2.8	1
74	Getting the most out of the hotspot for practical conservation of groundwater biodiversity. <i>Global Ecology and Conservation</i> , 2021 , 31, e01844	2.8	10
73	Lineage-level distribution models lead to more realistic climate change predictions for a threatened crayfish. <i>Diversity and Distributions</i> , 2021 , 27, 684-695	5	6
72	Climate and landscape changes enhance the global spread of a bloom-forming dinoflagellate related to fish kills and water quality deterioration. <i>Ecological Indicators</i> , 2021 , 133, 108408	5.8	0
71	Towards a taxonomically unbiased European Union biodiversity strategy for 2030. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020 , 287, 20202166	4.4	28
70	Automated Discovery of Relationships, Models, and Principles in Ecology. <i>Frontiers in Ecology and Evolution</i> , 2020 , 8,	3.7	3
69	Exploring the homogeneity of terrestrial subterranean communities at a local spatial scale. <i>Ecological Entomology</i> , 2020 , 45, 1053-1062	2.1	2
68	Functional diversity metrics using kernel density n-dimensional hypervolumes. <i>Methods in Ecology and Evolution</i> , 2020 , 11, 986-995	7.7	20

67	On Deepest Caves, Extreme Habitats, and Ecological Superlatives. <i>Trends in Ecology and Evolution</i> , 2020 , 35, 469-472	10.9	8
66	Social Media and Large Carnivores: Sharing Biased News on Attacks on Humans. <i>Frontiers in Ecology and Evolution</i> , 2020 , 8,	3.7	9
65	Does weighting presence records improve the performance of species distribution models? A test using fish larval stages in the Yangtze Estuary. <i>Science of the Total Environment</i> , 2020 , 741, 140393	10.2	4
64	Future climate change will severely reduce habitat suitability of the Critically Endangered Chinese giant salamander. <i>Freshwater Biology</i> , 2020 , 65, 971-980	3.1	20
63	Solutions for humanity on how to conserve insects. <i>Biological Conservation</i> , 2020 , 242, 108427	6.2	90
62	Scientists' warning to humanity on insect extinctions. <i>Biological Conservation</i> , 2020 , 242, 108426	6.2	199
61	Environmental filtering and convergent evolution determine the ecological specialization of subterranean spiders. <i>Functional Ecology</i> , 2020 , 34, 1064-1077	5.6	14
60	Towards establishment of a centralized spider traits database. <i>Journal of Arachnology</i> , 2020 , 48,	1.1	8
59	Standardised spider (Arachnida, Araneae) inventory of Kilpisjärvi, Finland. <i>Biodiversity Data Journal</i> , 2020 , 8, e56486	1.8	1
58	Global wildlife trade permeates the Tree of Life. <i>Biological Conservation</i> , 2020 , 247, 108503	6.2	33
57	To invade or not to invade? Exploring the niche-based processes underlying the failure of a biological invasion using the invasive Chinese mitten crab. <i>Science of the Total Environment</i> , 2020 , 728, 138815	10.2	9
56	Modelling the potential impacts of climate change on the distribution of ichthyoplankton in the Yangtze Estuary, China. <i>Diversity and Distributions</i> , 2020 , 26, 126-137	5	13
55	Alien Crayfish Species in the Deep Subalpine Lake Maggiore (NW-Italy), with a Focus on the Biometry and Habitat Preferences of the Spiny-Cheek Crayfish. <i>Water (Switzerland)</i> , 2020 , 12, 1391	3	2
54	Media framing of spiders may exacerbate arachnophobic sentiments. <i>People and Nature</i> , 2020 , 2, 1145-1157	1.57	3
53	Taxonomic and functional homogenisation of macroinvertebrate communities in recently intermittent Alpine watercourses. <i>Freshwater Biology</i> , 2020 , 65, 2096-2107	3.1	11
52	Fundamental research questions in subterranean biology. <i>Biological Reviews</i> , 2020 , 95, 1855-1872	13.5	47
51	Integrating Multiple Lines of Evidence to Explore Intraspecific Variability in a Rare Endemic Alpine Plant and Implications for Its Conservation. <i>Plants</i> , 2020 , 9,	4.5	1
50	Systematics, ecology and distribution of the mygalomorph spider genus <i>Cteniza</i> Latreille, 1829 (Araneae, Mygalomorphae, Ctenizidae). <i>Zootaxa</i> , 2019 , 4550, 499-524	0.5	2

49	Associations between habitat quality, body size and reproductive fitness in the alpine endemic spider <i>Vesubia jugorum</i> . <i>Global Ecology and Biogeography</i> , 2019 , 28, 1325-1335	6.1	18
48	Scientists' Warning on the Conservation of Subterranean Ecosystems. <i>BioScience</i> , 2019 , 69, 641-650	5.7	97
47	Extending Janzen's hypothesis to temperate regions: A test using subterranean ecosystems. <i>Functional Ecology</i> , 2019 , 33, 1638-1650	5.6	27
46	Climate change going deep: The effects of global climatic alterations on cave ecosystems. <i>Infrastructure Asset Management</i> , 2019 , 6, 98-116	1.8	49
45	Assessing similarity of n-dimensional hypervolumes: Which metric to use?. <i>Journal of Biogeography</i> , 2019 , 46, 2012-2023	4.1	37
44	Finding answers in the dark: caves as models in ecology fifty years after Poulson and White. <i>Ecography</i> , 2019 , 42, 1331-1351	6.5	58
43	Distributional dynamics of a specialized subterranean community oppose the classical understanding of the preferred subterranean habitats. <i>Invertebrate Biology</i> , 2019 , 138, e12254	1	8
42	Exploring the Interplay Between Local and Regional Drivers of Distribution of a Subterranean Organism. <i>Diversity</i> , 2019 , 11, 119	2.5	3
41	Local- versus broad-scale environmental drivers of continental -diversity patterns in subterranean spider communities across Europe. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 201911579	4.1	14
40	Taxonomy, ecology and conservation of the cave-dwelling spider <i>Histopona palaeolithica</i> , with the description of <i>H. petrovi</i> sp. nov. (Araneae: Agelenidae). <i>Journal of Arachnology</i> , 2019 , 47, 317	1.1	2
39	Continental data on cave-dwelling spider communities across Europe (Arachnida: Araneae). <i>Biodiversity Data Journal</i> , 2019 , 7, e38492	1.8	5
38	An inventory of the spider species of Barcelonnette (France), with taxonomic notes on <i>Piniphantes agnellus</i> n. comb. (Araneae, Linyphiidae). <i>Zoosystema</i> , 2019 , 41, 29	0.7	0
37	Tracking the ice: Subterranean harvestmen distribution matches ancient glacier margins. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2019 , 57, 548-554	1.9	4
36	Climate change may drive cave spiders to extinction. <i>Ecography</i> , 2018 , 41, 233-243	6.5	52
35	Applying species distribution models to caves and other subterranean habitats. <i>Ecography</i> , 2018 , 41, 1194-1208	6.5	37
34	A synthesis on cave-dwelling spiders in Europe. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2018 , 56, 301-316	1.9	28
33	Cave Communities and Species Interactions. <i>Ecological Studies</i> , 2018 , 255-267	1.1	3
32	Ecological speciation in darkness? Spatial niche partitioning in sibling subterranean spiders (Araneae : Linyphiidae : Troglolyphantes). <i>Invertebrate Systematics</i> , 2018 , 32, 1069	1.2	16

31	Artificial lighting triggers the presence of urban spiders and their webs on historical buildings. <i>Landscape and Urban Planning</i> , 2018 , 180, 187-194	7.7	8
30	Advances in the systematics of the spider genus Troglodyphantes (Araneae, Linyphiidae). <i>Systematics and Biodiversity</i> , 2017 , 15, 307-326	1.7	12
29	Spiders in caves. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	41
28	Rapid poleward distributional shifts in the European cave-dwelling Meta spiders under the influence of competition dynamics. <i>Journal of Biogeography</i> , 2017 , 44, 2789-2797	4.1	15
27	Species conservation profile of the stenoendemic cave spider (Araneae, Pimoidae) from the Varaita valley (NW-Italy). <i>Biodiversity Data Journal</i> , 2017 , e11509	1.8	4
26	Human-induced Alterations of the Mycobiota in an Alpine Show Cave (Italy, SW-Alps). <i>Acta Carsologica</i> , 2017 , 46,	1.7	8
25	Modelling the future spread of native and alien congeneric species in subterranean habitats [the case of Meta cave-dwelling spiders in Great Britain. <i>International Journal of Speleology</i> , 2017 , 46, 427-437	2	9
24	Record breaking achievements by spiders and the scientists who study them. <i>PeerJ</i> , 2017 , 5, e3972	3.1	25
23	Species conservation profile of the alpine stenoendemic spider (Araneae, Lycosidae) from the Maritime Alps. <i>Biodiversity Data Journal</i> , 2016 , e10527	1.8	5
22	Ecological preference of the diving bell spider <i>Argyroneta aquatica</i> in a resurgence of the Po plain (Northern Italy) (Araneae: Cybaeidae). <i>Fragmenta Entomologica</i> , 2016 , 48, 9	0.4	4
21	Step back! Niche dynamics in cave-dwelling predators. <i>Acta Oecologica</i> , 2016 , 75, 35-42	1.7	30
20	The effect of ageing on the mechanical properties of the silk of the bridge spider <i>Larinioides cornutus</i> (Clerck, 1757). <i>Scientific Reports</i> , 2016 , 6, 24699	4.9	8
19	Unexpected diversity in the relictual European spiders of the genus <i>Pimoa</i> (Araneae : Pimoidae). <i>Invertebrate Systematics</i> , 2016 , 30, 566	1.2	11
18	Ecology and sampling techniques of an understudied subterranean habitat: the Milieu Souterrain Superficiel (MSS). <i>Die Naturwissenschaften</i> , 2016 , 103, 88	2	50
17	The ecological niche of a specialized subterranean spider. <i>Invertebrate Biology</i> , 2016 , 135, 20-30	1	26
16	Cave spiders choose optimal environmental factors with respect to the generated entropy when laying their cocoon. <i>Scientific Reports</i> , 2015 , 5, 7611	4.9	12
15	Nesting strategies affect altitudinal distribution and habitat use in Alpine dung beetle communities. <i>Ecological Entomology</i> , 2015 , 40, 372-380	2.1	7
14	Seasonal dynamics and micro-climatic preference of two Alpine endemic hypogean beetles. <i>International Journal of Speleology</i> , 2015 , 44, 239-249	2	15

13	Alpine endemic spiders shed light on the origin and evolution of subterranean species. <i>PeerJ</i> , 2015 , 3, e1384	3.1	25
12	Niche differentiation in <i>Meta Bourneti</i> and <i>M. menardi</i> (Araneae, Tetragnathidae) with notes on the life history. <i>International Journal of Speleology</i> , 2014 , 43, 343-353	2	30
11	Scientometric correlates of high-quality reference lists in ecological papers		1
10	Collecting eco-evolutionary data in the dark: Impediments to subterranean research and how to overcome them		2
9	An ecological survey of the invertebrate community at the epigeal/hypogean interface. <i>Subterranean Biology</i> , 2014 , 24, 27-52		14
8	Daylight and seasonal variations of a subterranean invertebrate community in the twilight zone. <i>Subterranean Biology</i> , 2014 , 27, 31-51		10
7	Let research on subterranean habitats resonate!. <i>Subterranean Biology</i> , 2014 , 36, 63-71		5
6	Functional diversity metrics using kernel density n-dimensional hypervolumes		2
5	Towards a taxonomically unbiased EU Biodiversity Strategy for 2030		3
4	Specialized terminology limits the reach of new scientific knowledge		4
3	Habitat differences filter functional diversity of low dispersive microscopic animals		1
2	The use of the term 'limnology' and its scientometric consequences for limnologists. <i>Journal of Limnology</i> ,	1.5	1
1	A conservation roadmap for the subterranean biome. <i>Conservation Letters</i> , e12834	6.9	10