

Constanti Stefanescu

List of Publications by Year in descending order

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Version: 2024-02-01

89
papers

7,649
citations

109321

35
h-index

54911

84
g-index

92
all docs

92
docs citations

92
times ranked

10013
citing authors

#	ARTICLE	IF	CITATIONS
1	Butterfly biodiversity in the city is driven by the interaction of the urban landscape and species traits: a call for contextualised management. <i>Landscape Ecology</i> , 2022, 37, 81-92.	4.2	6
2	Local adaptation to climate anomalies relates to species phylogeny. <i>Communications Biology</i> , 2022, 5, 143.	4.4	9
3	Larval parasitism in a specialist herbivore is explained by phenological synchrony and host plant availability. <i>Journal of Animal Ecology</i> , 2022, 91, 1010-1023.	2.8	3
4	Phenological sensitivity and seasonal variability explain climate-driven trends in Mediterranean butterflies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20220251.	2.6	9
5	Reply to López-Mañá et al.: Spatial population models of migrants should be underpinned by phenology, behavior, and ecology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2203349119.	7.1	2
6	Bioclimatic context of species' populations determines community stability. <i>Global Ecology and Biogeography</i> , 2022, 31, 1542-1555.	5.8	3
7	Weather and butterfly responses: a framework for understanding population dynamics in terms of species' life-cycles and extreme climatic events. <i>Oecologia</i> , 2022, 199, 427-439.	2.0	3
8	Spatio-temporal responses of butterflies to global warming on a Mediterranean island over two decades. <i>Ecological Entomology</i> , 2021, 46, 262-272.	2.2	14
9	When the average hides the risk of Bt-corn pollen on non-target Lepidoptera: Application to <i>Aglais io</i> in Catalonia. <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111215.	6.0	11
10	Timing of mating, reproductive status and resource availability in relation to migration in the painted lady butterfly. <i>Animal Behaviour</i> , 2021, 172, 145-153.	1.9	16
11	Rewiring of interactions in a changing environment: nettle-feeding butterflies and their parasitoids. <i>Oikos</i> , 2021, 130, 624-636.	2.7	14
12	Long-term effects of abandonment and restoration of Mediterranean meadows on butterfly-plant interactions. <i>Journal of Insect Conservation</i> , 2021, 25, 383-393.	1.4	15
13	Extension of the spatially and temporally explicit risk model to assess potential adverse effects of Bt-maize pollen on non-target Lepidoptera at landscape level. <i>EFSA Supporting Publications</i> , 2021, 18, 6443E.	0.7	2
14	Environmental drivers of annual population fluctuations in a trans-Saharan insect migrant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	56
15	Concurrent Butterfly, Bat and Small Mammal Monitoring Programmes Using Citizen Science in Catalonia (NE Spain): A Historical Review and Future Directions. <i>Diversity</i> , 2021, 13, 454.	1.7	11
16	Effects of Natura 2000 on nontarget bird and butterfly species based on citizen science data. <i>Conservation Biology</i> , 2020, 34, 666-676.	4.7	25
17	Vegetation encroachment drives changes in the composition of butterfly assemblages and species loss in Mediterranean ecosystems. <i>Insect Conservation and Diversity</i> , 2020, 13, 151-161.	3.0	33
18	The role of the urban landscape on species with contrasting dispersal ability: Insights from greening plans for Barcelona. <i>Landscape and Urban Planning</i> , 2020, 195, 103707.	7.5	11

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19	A new native plant in the neighborhood: effects on plantâ€“pollinator networks, pollination, and plant reproductive success. <i>Ecology</i> , 2020, 101, e03046.	3.2	13
20	The Catalan butterfly monitoring scheme has the capacity to detect effects of modifying agricultural practices. <i>Ecosphere</i> , 2020, 11, e03004.	2.2	8
21	Integrating national Red Lists for prioritising conservation actions for European butterflies. <i>Journal of Insect Conservation</i> , 2019, 23, 301-330.	1.4	38
22	Spatial variability in a plantâ€“pollinator community across a continuous habitat: high heterogeneity in the face of apparent uniformity. <i>Ecography</i> , 2019, 42, 1558-1568.	4.5	17
23	Contrasting impacts of precipitation on Mediterranean birds and butterflies. <i>Scientific Reports</i> , 2019, 9, 5680.	3.3	30
24	Long-term monitoring of Menorcan butterfly populations reveals widespread insular biogeographical patterns and negative trends. <i>Biodiversity and Conservation</i> , 2019, 28, 1837-1851.	2.6	7
25	Monitoring environmental effects on farmland Lepidoptera: Does necessary sampling effort vary between different bio-geographic regions in Europe?. <i>Ecological Indicators</i> , 2019, 102, 791-800.	6.3	6
26	Phenotypic biomarkers of climatic impacts on declining insect populations: A key role for decadal drought, thermal buffering and amplification effects and host plant dynamics. <i>Journal of Animal Ecology</i> , 2019, 88, 376-391.	2.8	21
27	Physiological differences between female limited, alternative life history strategies: The Alba phenotype in the butterfly <i>Colias croceus</i> . <i>Journal of Insect Physiology</i> , 2018, 107, 257-264.	2.0	6
28	Assessment of the impacts of climate change on Mediterranean terrestrial ecosystems based on data from field experiments and long-term monitored field gradients in Catalonia. <i>Environmental and Experimental Botany</i> , 2018, 152, 49-59.	4.2	96
29	Do asynchronies in extinction debt affect the structure of trophic networks? A case study of antagonistic butterfly larvaeâ€“plant networks. <i>Oikos</i> , 2018, 127, 803-813.	2.7	8
30	Applicability of butterfly transect counts to estimate species richness in different parts of the palaeartic region. <i>Ecological Indicators</i> , 2018, 95, 735-740.	6.3	7
31	Diversity of insect pollinators in the Iberian Peninsula. <i>Ecosistemas</i> , 2018, 27, 9-22.	0.4	7
32	Effects of organic and conventional crop management on vineyard biodiversity. <i>Agriculture, Ecosystems and Environment</i> , 2017, 243, 19-26.	5.3	52
33	Host plant exodus and larval wandering behaviour in a butterfly: diapause generation larvae wander for longer periods than do nonâ€“diapause generation larvae. <i>Ecological Entomology</i> , 2017, 42, 531-534.	2.2	24
34	The database of the <sc>PREDICTS</sc> (Projecting Responses of Ecological Diversity In Changing) Tj ETQq0 0 Q rgBT /Overlock 10 T	1.9	186
35	European butterfly populations vary in sensitivity to weather across their geographical ranges. <i>Global Ecology and Biogeography</i> , 2017, 26, 1374-1385.	5.8	48
36	Back to <sc>Africa</sc>: autumn migration of the painted lady butterfly <i>Vanessa cardui</i> is timed to coincide with an increase in resource availability. <i>Ecological Entomology</i> , 2017, 42, 737-747.	2.2	25

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37	Impacts of Global Change on Mediterranean Forests and Their Services. <i>Forests</i> , 2017, 8, 463.	2.1	98
38	A regionally informed abundance index for supporting integrative analyses across butterfly monitoring schemes. <i>Journal of Applied Ecology</i> , 2016, 53, 501-510.	4.0	47
39	Assessing impacts of land abandonment on Mediterranean biodiversity using indicators based on bird and butterfly monitoring data. <i>Environmental Conservation</i> , 2016, 43, 69-78.	1.3	62
40	Long-distance autumn migration across the Sahara by painted lady butterflies: exploiting resource pulses in the tropical savannah. <i>Biology Letters</i> , 2016, 12, 20160561.	2.3	54
41	General declines in Mediterranean butterflies over the last two decades are modulated by species traits. <i>Biological Conservation</i> , 2016, 201, 336-342.	4.1	57
42	Phenological asynchrony in plant-butterfly interactions associated with climate: a community-wide perspective. <i>Oikos</i> , 2016, 125, 1434-1444.	2.7	35
43	Contributions of allochthonous inputs of food to the diets of benthopelagic fish over the northwest Mediterranean slope (to 2300 m). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 109, 123-136.	1.4	28
44	Exploring the links between forest transition and landscape changes in the Mediterranean. Does forest recovery really lead to better landscape quality?. <i>Agroforestry Systems</i> , 2015, 89, 705-719.	2.0	23
45	Global biodiversity, stoichiometry and ecosystem function responses to human-induced C-N-P imbalances. <i>Journal of Plant Physiology</i> , 2015, 172, 82-91.	3.5	57
46	Latitudinal gradients in butterfly population variability are influenced by landscape heterogeneity. <i>Ecography</i> , 2014, 37, 863-871.	4.5	21
47	Determinants of extinction-colonization dynamics in Mediterranean butterflies: the role of landscape, climate and local habitat features. <i>Journal of Animal Ecology</i> , 2014, 83, 276-285.	2.8	30
48	A unified framework for diversity gradients: the adaptive trait continuum. <i>Global Ecology and Biogeography</i> , 2013, 22, 6-18.	5.8	41
49	Forces driving the composition of butterfly assemblages in Andorra. <i>Journal of Insect Conservation</i> , 2013, 17, 897-910.	1.4	1
50	Host-associated genomic differentiation in congeneric butterflies: now you see it, now you do not. <i>Molecular Ecology</i> , 2013, 22, 4753-4766.	3.9	24
51	Multi-generational long-distance migration of insects: studying the painted lady butterfly in the Western Palaearctic. <i>Ecography</i> , 2013, 36, 474-486.	4.5	137
52	Distinguishing between anticipatory and responsive plasticity in a seasonally polyphenic butterfly. <i>Evolutionary Ecology</i> , 2013, 27, 315-332.	1.2	35
53	Habitat associations of species show consistent but weak responses to climate. <i>Biology Letters</i> , 2012, 8, 590-593.	2.3	49
54	Uncertainty in thermal tolerances and climatic debt. <i>Nature Climate Change</i> , 2012, 2, 638-639.	18.8	20

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55	Biogeography of species richness gradients: linking adaptive traits, demography and diversification. <i>Biological Reviews</i> , 2012, 87, 457-479.	10.4	39
56	Differences in the climatic debts of birds and butterflies at a continental scale. <i>Nature Climate Change</i> , 2012, 2, 121-124.	18.8	594
57	Parasitism and migration in southern Palaearctic populations of the painted lady butterfly, <i>Vanessa cardui</i> (Lepidoptera: Nymphalidae). <i>European Journal of Entomology</i> , 2012, 109, 85-94.	1.2	57
58	Moroccan Source Areas of the Painted Lady Butterfly <i>Vanessa cardui</i> (Nymphalidae: Nymphalinae) Migrating into Europe in Spring. <i>Journal of the Lepidopterists' Society</i> , 2011, 65, 15-26.	0.2	20
59	Determinants of species richness in generalist and specialist Mediterranean butterflies: the negative synergistic forces of climate and habitat change. <i>Ecography</i> , 2011, 34, 353-363.	4.5	109
60	Recent trends in butterfly populations from north-east Spain and Andorra in the light of habitat and climate change. <i>Journal of Insect Conservation</i> , 2011, 15, 83-93.	1.4	67
61	Strong, Long-Term Temporal Dynamics of an Ecological Network. <i>PLoS ONE</i> , 2011, 6, e26455.	2.5	89
62	Habitat fragmentation causes immediate and time-delayed biodiversity loss at different trophic levels. <i>Ecology Letters</i> , 2010, 13, 597-605.	6.4	620
63	The parasitoid complex attacking coexisting Spanish populations of <i>Euphydryas aurinia</i> and <i>Euphydryas desfontainii</i> (Lepidoptera: Nymphalidae, Melitaeini). <i>Journal of Natural History</i> , 2009, 43, 553-568.	0.5	15
64	The effect of an agro-pasture landscape on diversity and migration patterns of frugivorous butterflies in Chiapas, Mexico. <i>Biodiversity and Conservation</i> , 2009, 18, 919-934.	2.6	19
65	Geographical variation in host plant utilization in the comma butterfly: the roles of time constraints and plant phenology. <i>Evolutionary Ecology</i> , 2009, 23, 807-825.	1.2	22
66	Factors influencing the degree of generalization in flower use by Mediterranean butterflies. <i>Oikos</i> , 2009, 118, 1109-1117.	2.7	30
67	Rapid changes in butterfly communities following the abandonment of grasslands: a case study. <i>Insect Conservation and Diversity</i> , 2009, 2, 261-269.	3.0	54
68	Extinction debt: a challenge for biodiversity conservation. <i>Trends in Ecology and Evolution</i> , 2009, 24, 564-571.	8.7	1,053
69	Long-distance wind-borne dispersal of the moth <i>Cornifrons ulceratalis</i> (Lepidoptera: Crambidae.) <i>Trends in Ecology and Evolution</i> , 2009, 24, 564-571.	1.2	10
70	Short-term temporal variability in fish community structure at two western Mediterranean slope locations. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2008, 55, 866-880.	1.4	11
71	Migration of the painted lady butterfly, <i>Vanessa cardui</i> , to north-eastern Spain is aided by African wind currents. <i>Journal of Animal Ecology</i> , 2007, 76, 888-898.	2.8	70
72	Genetics of host plant use and life history in the comma butterfly across Europe: varying modes of inheritance as a potential reproductive barrier. <i>Journal of Evolutionary Biology</i> , 2006, 19, 1882-1893.	1.7	34

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73	Lonicera Implexa Leaves Bearing Naturally Laid Eggs of the Specialist Herbivore Euphydryas Aurinia have Dramatically Greater Concentrations of Iridoid Glycosides than other Leaves. Journal of Chemical Ecology, 2006, 32, 1925-1933.	1.8	30
74	Females of the specialist butterfly Euphydryas aurinia (Lepidoptera: Nymphalinae: Melitaeini) select the greenest leaves of Lonicera implexa (Caprifoliaceae) for oviposition. European Journal of Entomology, 2006, 103, 569-574.	1.2	20
75	Caterpillars of Euphydryas aurinia (Lepidoptera: Nymphalidae) feeding on Succisa pratensis leaves induce large foliar emissions of methanol. New Phytologist, 2005, 167, 851-857.	7.3	86
76	Host specialization by Cotesia wasps (Hymenoptera: Braconidae) parasitizing species-rich Melitaeini (Lepidoptera: Nymphalidae) communities in north-eastern Spain. Biological Journal of the Linnean Society, 2005, 86, 45-65.	1.6	55
77	Butterflies highlight the conservation value of hay meadows highly threatened by land-use changes in a protected Mediterranean area. Biological Conservation, 2005, 126, 234-246.	4.1	45
78	Butterfly species richness in the north-west Mediterranean Basin: the role of natural and human-induced factors. Journal of Biogeography, 2004, 31, 905-915.	3.0	148
79	Effects of climatic change on the phenology of butterflies in the northwest Mediterranean Basin. Global Change Biology, 2003, 9, 1494-1506.	9.5	223
80	The parasitoid complex of the butterfly Iphiclides podalirius feisthamelii (Lepidoptera: Papilionidae) in north-east Spain. Journal of Natural History, 2003, 37, 379-396.	0.5	8
81	When random sampling does not work: standard design falsely indicates maladaptive host preferences in a butterfly. Ecology Letters, 2002, 5, 1-6.	6.4	60
82	The nature of migration in the red admiral butterfly Vanessa atalanta: evidence from the population ecology in its southern range. Ecological Entomology, 2001, 26, 525-536.	2.2	68
83	Poleward shifts in geographical ranges of butterfly species associated with regional warming. Nature, 1999, 399, 579-583.	27.8	1,874
84	Fish community structure and depth-related trends on the continental slope of the Balearic Islands (Algerian basin, western Mediterranean). Marine Ecology - Progress Series, 1998, 171, 247-259.	1.9	151
85	Bathymetric distribution and growth patterns of Bathypterois mediterraneus from the north-western Mediterranean Sea. Journal of Fish Biology, 1996, 49, 276-288.	1.6	14
86	Distribution and biology of five grenadier fish (Pisces: Macrouridae) from the upper and middle slope of the northwestern Mediterranean. Deep-Sea Research Part I: Oceanographic Research Papers, 1995, 42, 307-330.	1.4	69
87	First record of Seriola fasciata (Bloch, 1793) (Osteichthyes: Carangidae) in the Mediterranean. Journal of Fish Biology, 1993, 42, 143-144.	1.6	16
88	Deep-sea fish assemblages in the Catalan Sea (western Mediterranean) below a depth of 1000 m. Deep-Sea Research Part I: Oceanographic Research Papers, 1993, 40, 695-707.	1.4	121
89	Deep-living demersal fishes in the Catalan Sea (western Mediterranean) below a depth of 1000 m. Journal of Natural History, 1992, 26, 197-213.	0.5	89