

Camille Parmesan

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

40,012
citations

87723

38
h-index

143772

57
g-index

60
all docs

60
docs citations

60
times ranked

34803
citing authors

#	ARTICLE	IF	CITATIONS
1	Human nature connectedness as a pathway to sustainability: A global meta-analysis. <i>Conservation Letters</i> , 2022, 15, e12852.	2.8	59
2	Mosaics of climatic stress across species' ranges: tradeoffs cause adaptive evolution to limits of climatic tolerance. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20210003.	1.8	15
3	The importance of eco-evolutionary dynamics for predicting and managing insect range shifts. <i>Current Opinion in Insect Science</i> , 2022, 52, 100939.	2.2	4
4	Colonizations cause diversification of host preferences: A mechanism explaining increased generalization at range boundaries expanding under climate change. <i>Global Change Biology</i> , 2021, 27, 3505-3518.	4.2	20
5	Synergies Between COVID-19 and Climate Change Impacts and Responses. <i>Journal of Extreme Events</i> , 2021, 08, .	1.2	3
6	Contrasting responses to climate change at Himalayan treelines revealed by population demographics of two dominant species. <i>Ecology and Evolution</i> , 2020, 10, 1209-1222.	0.8	25
7	Butterflies embrace maladaptation and raise fitness in colonizing novel host. <i>Evolutionary Applications</i> , 2019, 12, 1417-1433.	1.5	18
8	Takeoff temperatures in <i>Melitaea cinxia</i> butterflies from latitudinal and elevational range limits: a potential adaptation to solar irradiance. <i>Ecological Entomology</i> , 2019, 44, 389-396.	1.1	9
9	Strengthened scientific support for the Endangerment Finding for atmospheric greenhouse gases. <i>Science</i> , 2019, 363, .	6.0	34
10	Model vs. experiment to predict crop losses. <i>Science</i> , 2018, 362, 1122-1122.	6.0	5
11	Influence of bioenergy crops on pollinator activity varies with crop type and distance. <i>GCB Bioenergy</i> , 2018, 10, 960-971.	2.5	5
12	Lethal trap created by adaptive evolutionary response to an exotic resource. <i>Nature</i> , 2018, 557, 238-241.	13.7	89
13	Ecological and methodological drivers of species' distribution and phenology responses to climate change. <i>Global Change Biology</i> , 2016, 22, 1548-1560.	4.2	162
14	Variation in heat shock protein expression at the latitudinal range limits of a widely distributed species, the <i>Glanville fritillary</i> butterfly (<i>Melitaea cinxia</i>). <i>Physiological Entomology</i> , 2016, 41, 241-248.	0.6	15
15	Projecting future expansion of invasive species: comparing and improving methodologies for species distribution modeling. <i>Global Change Biology</i> , 2015, 21, 4464-4480.	4.2	224
16	Endangered Quino checkerspot butterfly and climate change: Short-term success but long-term vulnerability?. <i>Journal of Insect Conservation</i> , 2015, 19, 185-204.	0.8	45
17	Strengthening confidence in climate change impact science. <i>Global Ecology and Biogeography</i> , 2015, 24, 64-76.	2.7	45
18	Plants and climate change: complexities and surprises. <i>Annals of Botany</i> , 2015, 116, 849-864.	1.4	381

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19	Geographic mosaics of phenology, host preference, adult size and microhabitat choice predict butterfly resilience to climate warming. <i>Oikos</i> , 2015, 124, 41-53.	1.2	52
20	From medicine to butterflies and back again. <i>Temperature</i> , 2014, 1, 67-70.	1.7	4
21	Geographical limits to species-range shifts are suggested by climate velocity. <i>Nature</i> , 2014, 507, 492-495.	13.7	436
22	Global imprint of climate change on marine life. <i>Nature Climate Change</i> , 2013, 3, 919-925.	8.1	1,602
23	Host-associated genomic differentiation in congeneric butterflies: now you see it, now you do not. <i>Molecular Ecology</i> , 2013, 22, 4753-4766.	2.0	24
24	Beyond climate change attribution in conservation and ecological research. <i>Ecology Letters</i> , 2013, 16, 58-71.	3.0	167
25	Assessing "Dangerous Climate Change": Required Reduction of Carbon Emissions to Protect Young People, Future Generations and Nature. <i>PLoS ONE</i> , 2013, 8, e81648.	1.1	448
26	Climate change and marine life. <i>Biology Letters</i> , 2012, 8, 907-909.	1.0	60
27	Divergent responses to spring and winter warming drive community level flowering trends. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9000-9005.	3.3	318
28	Invasive Species Unchecked by Climate "Response". <i>Science</i> , 2012, 335, 538-539.	6.0	3
29	Sensitivity of Spring Phenology to Warming Across Temporal and Spatial Climate Gradients in Two Independent Databases. <i>Ecosystems</i> , 2012, 15, 1283-1294.	1.6	107
30	Warming experiments underpredict plant phenological responses to climate change. <i>Nature</i> , 2012, 485, 494-497.	13.7	772
31	The Pace of Shifting Climate in Marine and Terrestrial Ecosystems. <i>Science</i> , 2011, 334, 652-655.	6.0	1,062
32	Overstretching attribution. <i>Nature Climate Change</i> , 2011, 1, 2-4.	8.1	137
33	Rapid Microsatellite Isolation from a Butterfly by De Novo Transcriptome Sequencing: Performance and a Comparison with AFLP-Derived Distances. <i>PLoS ONE</i> , 2010, 5, e11212.	1.1	42
34	Phenological asynchrony between herbivorous insects and their hosts: signal of climate change or pre-existing adaptive strategy?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 3161-3176.	1.8	243
35	Visualization of Climate-Change Basics. <i>Conservation Biology</i> , 2008, 22, 805-806.	2.4	0
36	Genetic, ecological, behavioral and geographic differentiation of populations in a thistle weevil: implications for speciation and biocontrol. <i>Evolutionary Applications</i> , 2008, 1, 112-128.	1.5	19

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37	Assisted Colonization and Rapid Climate Change. <i>Science</i> , 2008, 321, 345-346.	6.0	786
38	Where the wild things were. <i>Daedalus</i> , 2008, 137, 31-38.	0.9	3
39	Influences of species, latitudes and methodologies on estimates of phenological response to global warming. <i>Global Change Biology</i> , 2007, 13, 1860-1872.	4.2	1,083
40	Isolation and characterization of nuclear microsatellite loci for the common green darner dragonfly <i>Anax junius</i> (Odonata: Aeshnidae) to constrain patterns of phenotypic and spatial diversity. <i>Molecular Ecology Notes</i> , 2007, 7, 845-847.	1.7	6
41	Ecological and Evolutionary Responses to Recent Climate Change. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2006, 37, 637-669.	3.8	6,374
42	Empirical perspectives on species borders: from traditional biogeography to global change. <i>Oikos</i> , 2005, 108, 58-75.	1.2	299
43	A globally coherent fingerprint of climate change impacts across natural systems. <i>Nature</i> , 2003, 421, 37-42.	13.7	8,607
44	Ecological responses to recent climate change. <i>Nature</i> , 2002, 416, 389-395.	13.7	7,926
45	Detection of range shifts: General methodological issues and case studies of butterflies. , 2001, , 57-76.		9
46	Unexpected density-dependent effects of herbivory in a wild population of the annual <i>Collinsia torreyi</i> . <i>Journal of Ecology</i> , 2000, 88, 392-400.	1.9	47
47	Climate Extremes: Observations, Modeling, and Impacts. <i>Science</i> , 2000, 289, 2068-2074.	6.0	3,976
48	Impacts of Extreme Weather and Climate on Terrestrial Biota*. <i>Bulletin of the American Meteorological Society</i> , 2000, 81, 443-450.	1.7	598
49	An Introduction to Trends in Extreme Weather and Climate Events: Observations, Socioeconomic Impacts, Terrestrial Ecological Impacts, and Model Projections*. <i>Bulletin of the American Meteorological Society</i> , 2000, 81, 413-416.	1.7	478
50	Poleward shifts in geographical ranges of butterfly species associated with regional warming. <i>Nature</i> , 1999, 399, 579-583.	13.7	1,874
51	Climate and species' range. <i>Nature</i> , 1996, 382, 765-766.	13.7	621
52	Absence of adaptive learning from the oviposition foraging behaviour of a checkerspot butterfly. <i>Animal Behaviour</i> , 1995, 50, 161-175.	0.8	56
53	Correlates of speed of evolution of host preference in a set of twelve populations of the butterfly <i>Euphydryas editha</i> . <i>Ecoscience</i> , 1994, 1, 107-114.	0.6	53
54	Rapid human-induced evolution of insect-host associations. <i>Nature</i> , 1993, 366, 681-683.	13.7	265

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55	Sources of variations in patterns of plant–insect association. <i>Nature</i> , 1993, 361, 251-253.	13.7	91
56	Distinguishing between “preference” and “motivation” in food choice: an example from insect oviposition. <i>Animal Behaviour</i> , 1992, 44, 463-471.	0.8	102
57	Evidence against plant “apparency” as a constraint on evolution of insect search efficiency (Lepidoptera: Nymphalidae). <i>Journal of Insect Behavior</i> , 1991, 4, 417-430.	0.4	22
58	Variation among conspecific insect populations in the mechanistic basis of diet breadth. <i>Animal Behaviour</i> , 1989, 37, 751-759.	0.8	71