Carla M SgrÃ²

List of Publications by Year
in descending order

35 papers	5,792 citations	304368 22 h-index	360668 35 g-index
38 all docs	38 docs citations	38 times ranked	8675 citing authors

#	Article	IF	Citations
1	Conservation genetics as a management tool: The five best-supported paradigms to assist the management of threatened species. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	92
2	A dietary sterol trade-off determines lifespan responses to dietary restriction in Drosophila melanogaster females. ELife, 2021, 10, .	2.8	43
3	Combating ecosystem collapse from the tropics to the Antarctic. Global Change Biology, 2021, 27, 1692-1703.	4.2	128
4	How is epigenetics predicted to contribute to climate change adaptation? What evidence do we need?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200119.	1.8	36
5	Temperature and pathogen exposure act independently to drive host phenotypic trajectories. Biology Letters, 2021, 17, 20210072.	1.0	10
6	Microbes increase thermal sensitivity in the mosquito Aedes aegypti, with the potential to change disease distributions. PLoS Neglected Tropical Diseases, 2021, 15, e0009548.	1.3	16
7	The proximate sources of genetic variation in body size plasticity: The relative contributions of feeding behaviour and development in Drosophila melanogaster. Journal of Insect Physiology, 2021, 135, 104321.	0.9	1
8	Thermal Performance Curves Are Shaped by Prior Thermal Environment in Early Life. Frontiers in Physiology, 2021, 12, 738338.	1.3	10
9	Does local adaptation along a latitudinal cline shape plastic responses to combined thermal and nutritional stress?. Evolution; International Journal of Organic Evolution, 2020, 74, 2073-2087.	1.1	9
10	Pathogen exposure reduces sexual dimorphism in a hostâ€™s upper thermal limits. Ecology and Evolution, 2020, 10, 12851-12859.	0.8	9
11	Thermal performance curves reveal shifts in optima, limits, and breadth in early life. Journal of Experimental Biology, 2020, 223, .	0.8	10
12	Developmental nutrition modulates metabolic responses to projected climate change. Functional Ecology, 2020, 34, 2488-2502.	1.7	15
13	The influence of immune activation on thermal tolerance along a latitudinal cline. Journal of Evolutionary Biology, 2020, 33, 1224-1234.	0.8	13
14	Interacting with change: Diet mediates how larvae respond to their thermal environment. Functional Ecology, 2019, 33, 1940-1951.	1.7	33
15	Pathogen exposure disrupts an organism's ability to cope with thermal stress. Global Change Biology, 2019, 25, 3893-3905.	4.2	29
16	Comparing thermal performance curves across traits: how consistent are they?. Journal of Experimental Biology, 2019, 222, .	0.8	58
17	Conservation practitionersâ€™ understanding of how to manage evolutionary processes. Conservation Biology, 2019, 33, 993-1001.	2.4	11
18	Poor understanding of evolutionary theory is a barrier to effective conservation management. Conservation Letters, 2019, 12, e12619.	2.8	25

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19	Quantifying the relative contributions of the X chromosome, autosomes, and mitochondrial genome to local adaptation*. Evolution; International Journal of Organic Evolution, 2019, 73, 262-277.	1.1	14
20	Basal resistance enhances warming tolerance of alien over indigenous species across latitude. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 145-150.	3.3	67
21	Understanding managersâ€™ and scientistsâ€™ perspectives on opportunities to achieve more evolutionarily enlightened management in conservation. Evolutionary Applications, 2018, 11, 1371-1388.	1.5	32
22	Crossâ€sex genetic correlations and the evolution of sexâ€specific local adaptation: Insights from classical trait clines in Drosophila melanogaster. Evolution; International Journal of Organic Evolution, 2018, 72, 1317-1327.	1.1	25
23	How does parental environment influence the potential for adaptation to global change?. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20181374.	1.2	34
24	Revisiting Adaptive Potential, Population Size, and Conservation. Trends in Ecology and Evolution, 2017, 32, 506-517.	4.2	182
25	Aligning science and policy to achieve evolutionarily enlightened conservation. Conservation Biology, 2017, 31, 501-512.	2.4	57
26	The other 96%: Can neglected sources of fitness variation offer new insights into adaptation to global change?. Evolutionary Applications, 2017, 10, 267-275.	1.5	21
27	Incorporating evolutionary adaptation in species distribution modelling reduces projected vulnerability to climate change. Ecology Letters, 2016, 19, 1468-1478.	3.0	200
28	What Can Plasticity Contribute to Insect Responses to Climate Change?. Annual Review of Entomology, 2016, 61, 433-451.	5.7	362
29	Revealing hidden evolutionary capacity to cope with global change. Global Change Biology, 2015, 21, 3356-3366.	4.2	30
30	Evolutionary capacity of upper thermal limits: beyond single trait assessments. Journal of Experimental Biology, 2014, 217, 1918-24.	0.8	44
31	THE EFFECT OF DEVELOPMENTAL TEMPERATURE ON THE GENETIC ARCHITECTURE UNDERLYING SIZE AND THERMAL CLINES IN DROSOPHILA MELANOGASTER AND D. SIMULANS FROM THE EAST COAST OF AUSTRALIA. Evolution; International Journal of Organic Evolution, 2011, 65, 1048-1067.	1.1	26
32	Climate change and evolutionary adaptation. Nature, 2011, 470, 479-485.	13.7	2,489
33	Building evolutionary resilience for conserving biodiversity under climate change. Evolutionary Applications, 2011, 4, 326-337.	1.5	617
34	Assessing the benefits and risks of translocations in changing environments: a genetic perspective. Evolutionary Applications, 2011, 4, 709-725.	1.5	661
35	Fundamental Evolutionary Limits in Ecological Traits Drive Drosophila Species Distributions. Science, 2009, 325, 1244-1246.	6.0	381