

Alex R Gunderson

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,029
citations

516710

16
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

2677
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasticity in thermal tolerance has limited potential to buffer ectotherms from global warming. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150401.	2.6	531
2	Multiple Stressors in a Changing World: The Need for an Improved Perspective on Physiological Responses to the Dynamic Marine Environment. <i>Annual Review of Marine Science</i> , 2016, 8, 357-378.	11.6	464
3	Rapid Change in the Thermal Tolerance of a Tropical Lizard. <i>American Naturalist</i> , 2012, 180, 815-822.	2.1	101
4	Thermal adaptation revisited: How conserved are thermal traits of reptiles and amphibians?. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2021, 335, 173-194.	1.9	98
5	Biological Impacts of Thermal Extremes: Mechanisms and Costs of Functional Responses Matter. <i>Integrative and Comparative Biology</i> , 2016, 56, 73-84.	2.0	95
6	Geographic variation in vulnerability to climate warming in a tropical Caribbean lizard. <i>Functional Ecology</i> , 2012, 26, 783-793.	3.6	90
7	Resistance of melanized feathers to bacterial degradation: is it really so black and white?. <i>Journal of Avian Biology</i> , 2008, 39, 539-545.	1.2	86
8	A conceptual framework for understanding thermal constraints on ectotherm activity with implications for predicting responses to global change. <i>Ecology Letters</i> , 2016, 19, 111-120.	6.4	81
9	Estimating the benefits of plasticity in ectotherm heat tolerance under natural thermal variability. <i>Functional Ecology</i> , 2017, 31, 1529-1539.	3.6	75
10	FEATHER-DEGRADING BACTERIA: A NEW FRONTIER IN AVIAN AND HOST-“PARASITE RESEARCH?. <i>Auk</i> , 2008, 125, 972-979.	1.4	73
11	Evidence that plumage bacteria influence feather coloration and body condition of eastern bluebirds <i>Sialia sialis</i> . <i>Journal of Avian Biology</i> , 2009, 40, 440-447.	1.2	72
12	Patterns of Thermal Constraint on Ectotherm Activity. <i>American Naturalist</i> , 2015, 185, 653-664.	2.1	65
13	Thermal niche evolution across replicated <i>Anolis</i> lizard adaptive radiations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172241.	2.6	38
14	Egg incubation temperature does not influence adult heat tolerance in the lizard <i>Anolis sagrei</i> . <i>Biology Letters</i> , 2020, 16, 20190716.	2.3	26
15	Tests of the contribution of acclimation to geographic variation in water loss rates of the West Indian lizard <i>Anolis cristatellus</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2011, 181, 965-972.	1.5	25
16	Indirect Effects of Global Change: From Physiological and Behavioral Mechanisms to Ecological Consequences. <i>Integrative and Comparative Biology</i> , 2017, 57, 48-54.	2.0	19
17	Heat hardening in a pair of <i>Anolis</i> lizards: constraints, dynamics and ecological consequences. <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	16
18	Maltreated nestlings exhibit correlated maltreatment as adults: Evidence of a “cycle of violence” in Nazca Boobies (<i>Sula granti</i>). <i>Auk</i> , 2011, 128, 615-619.	1.4	15

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19	Species as Stressors: Heterospecific Interactions and the Cellular Stress Response under Global Change. <i>Integrative and Comparative Biology</i> , 2017, 57, 90-102.	2.0	15
20	Competing native and invasive <i>Anolis</i> lizards exhibit thermal preference plasticity in opposite directions. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2021, 335, 118-125.	1.9	12
21	Reproductive Success of Eastern Bluebirds (<i>Sialia sialis</i>) on Suburban Golf Courses. <i>Auk</i> , 2011, 128, 577-586.	1.4	10
22	The Physiological and Evolutionary Ecology of Sperm Thermal Performance. <i>Frontiers in Physiology</i> , 2022, 13, 754830.	2.8	8
23	Thermal Costs and Benefits of Replicated Color Evolution in the White Sands Desert Lizard Community. <i>American Naturalist</i> , 2022, 199, 666-678.	2.1	7
24	Testing for genetic assimilation with phylogenetic comparative analysis: Conceptual, methodological, and statistical considerations. <i>Evolution; International Journal of Organic Evolution</i> , 2022, 76, 1942-1952.	2.3	6
25	FE Spotlight: Sex, heat and phenotypic plasticity. <i>Functional Ecology</i> , 2021, 35, 2618-2620.	3.6	1
26	Interactions Between Temperature Variability and Reproductive Physiology Across Traits in an Intertidal Crab. <i>Frontiers in Physiology</i> , 2022, 13, 796125.	2.8	0