

# Alex Gunderson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2452074/publications.pdf>

Version: 2024-02-01

28  
papers

1,880  
citations

623734

14  
h-index

526287

27  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2446  
citing authors

#	ARTICLE	IF	CITATIONS
1	Culture-enriched community profiling improves resolution of the vertebrate gut microbiota. <i>Molecular Ecology Resources</i> , 2022, 22, 122-136.	4.8	12
2	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
3	The Physiological and Evolutionary Ecology of Sperm Thermal Performance. <i>Frontiers in Physiology</i> , 2022, 13, 754830.	2.8	8
4	Interactions Between Temperature Variability and Reproductive Physiology Across Traits in an Intertidal Crab. <i>Frontiers in Physiology</i> , 2022, 13, 796125.	2.8	0
5	Best practices for building and curating databases for comparative analyses. <i>Journal of Experimental Biology</i> , 2022, 225, .	1.7	8
6	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
7	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
8	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
9	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
10	FE Spotlight: Sex, heat and phenotypic plasticity. <i>Functional Ecology</i> , 2021, 35, 2618-2620.	3.6	1
11	The Lizard Gut Microbiome Changes with Temperature and Is Associated with Heat Tolerance. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	56
12	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
13	Invasive vegetation affects amphibian skin microbiota and body condition. <i>PeerJ</i> , 2020, 8, e8549.	2.0	9
14	Hot Rocks and Not-So-Hot Rocks on the Seashore: Patterns and Body-Size Dependent Consequences of Microclimatic Variation in Intertidal Zone Boulder Habitat. <i>Integrative Organismal Biology</i> , 2019, 1, obz024.	1.8	9
15	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
16	Visual "playback" of colorful signals in the field supports sensory drive for signal detectability. <i>Environmental Epigenetics</i> , 2018, 64, 493-498.	1.8	10
17	Estimating the benefits of plasticity in ectotherm heat tolerance under natural thermal variability. <i>Functional Ecology</i> , 2017, 31, 1529-1539.	3.6	75
18	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

#	ARTICLE	IF	CITATIONS
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	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
21	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
22	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
23	Patterns of Thermal Constraint on Ectotherm Activity. <i>American Naturalist</i> , 2015, 185, 653-664.	2.1	65
24	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
25	An affinity for biochemical adaptation to temperature. <i>Journal of Experimental Biology</i> , 2014, 217, 4273-4274.	1.7	3
26	Rapid Change in the Thermal Tolerance of a Tropical Lizard. <i>American Naturalist</i> , 2012, 180, 815-822.	2.1	101
27	Geographic variation in vulnerability to climate warming in a tropical Caribbean lizard. <i>Functional Ecology</i> , 2012, 26, 783-793.	3.6	90
28	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