

Rory S Telemeco

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,050
citations

516710

16
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

975
citing authors

#	ARTICLE	IF	CITATIONS
1	Nesting lizards (<i>Bassiana duperreyi</i>) compensate partly, but not completely, for climate change. <i>Ecology</i> , 2009, 90, 17-22.	3.2	149
2	The thermal ecology and physiology of reptiles and amphibians: A user's guide. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2021, 335, 13-44.	1.9	100
3	Life in the Frequency Domain: the Biological Impacts of Changes in Climate Variability at Multiple Time Scales. <i>Integrative and Comparative Biology</i> , 2016, 56, 14-30.	2.0	95
4	Modeling the Effects of Climate Change–Induced Shifts in Reproductive Phenology on Temperature-Dependent Traits. <i>American Naturalist</i> , 2013, 181, 637-648.	2.1	71
5	High Temperature, Oxygen, and Performance: Insights from Reptiles and Amphibians. <i>Integrative and Comparative Biology</i> , 2018, 58, 9-24.	2.0	66
6	Thermal effects on reptile reproduction: adaptation and phenotypic plasticity in a montane lizard. <i>Biological Journal of the Linnean Society</i> , 0, 100, 642-655.	1.6	63
7	Extreme developmental temperatures result in morphological abnormalities in painted turtles (<i>Chrysemys picta</i>): a climate change perspective. <i>Integrative Zoology</i> , 2013, 8, 197-208.	2.6	57
8	Oxygen supply limits the heat tolerance of lizard embryos. <i>Biology Letters</i> , 2015, 11, 20150113.	2.3	48
9	Measuring behavioral thermal tolerance to address hot topics in ecology, evolution, and conservation. <i>Journal of Thermal Biology</i> , 2018, 73, 71-79.	2.5	47
10	Lizards fail to plastically adjust nesting behavior or thermal tolerance as needed to buffer populations from climate warming. <i>Global Change Biology</i> , 2017, 23, 1075-1084.	9.5	46
11	Temperature has species-specific effects on corticosterone in alligator lizards. <i>General and Comparative Endocrinology</i> , 2014, 206, 184-192.	1.8	38
12	Reptile Embryos Lack the Opportunity to Thermoregulate by Moving within the Egg. <i>American Naturalist</i> , 2016, 188, E13-E27.	2.1	37
13	Egg environments have large effects on embryonic development, but have minimal consequences for hatchling phenotypes in an invasive lizard. <i>Biological Journal of the Linnean Society</i> , 2012, 105, 25-41.	1.6	34
14	Hormonal and metabolic responses to upper temperature extremes in divergent life-history ecotypes of a garter snake. <i>Journal of Experimental Biology</i> , 2016, 219, 2944-2954.	1.7	32
15	Reptile embryos are not capable of behavioral thermoregulation in the egg. <i>Evolution & Development</i> , 2018, 20, 40-47.	2.0	31
16	Tail waving in a lizard (<i>Bassiana duperreyi</i>) functions to deflect attacks rather than as a pursuit-deterrent signal. <i>Animal Behaviour</i> , 2011, 82, 369-375.	1.9	28
17	Physiology at near-critical temperatures, but not critical limits, varies between two lizard species that partition the thermal environment. <i>Journal of Animal Ecology</i> , 2017, 86, 1510-1522.	2.8	18
18	Contrasting Responses of Lizards to Divergent Ecological Stressors Across Biological Levels of Organization. <i>Integrative and Comparative Biology</i> , 2019, 59, 292-305.	2.0	17

#	ARTICLE	IF	CITATIONS
19	Immobile and Mobile Life-History Stages Have Different Thermal Physiologies in a Lizard. <i>Physiological and Biochemical Zoology</i> , 2014, 87, 203-215.	1.5	16
20	Oxygen supply did not affect how lizards responded to thermal stress. <i>Integrative Zoology</i> , 2018, 13, 428-436.	2.6	12
21	Introduction to the special issue "Beyond CT_{MAX} and CT_{MIN} : Advances in studying the thermal limits of reptiles and amphibians. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2021, 335, 5-12.	1.9	10
22	Sex Determination in Southern Alligator Lizards (<i>Elgaria multicarinata</i> ; Anguillidae). <i>Herpetologica</i> , 2015, 71, 8-11.	0.4	9
23	Analyzing Stress as a Multivariate Phenotype. <i>Integrative and Comparative Biology</i> , 2020, 60, 70-78.	2.0	8
24	Thermoregulation and thermal performance of crested geckos (<i>Correlophus ciliatus</i>) suggest an extended optimality hypothesis for the evolution of thermoregulatory setpoints. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2021, 335, 86-95.	1.9	7
25	High-Elevation Populations of Montane Grasshoppers Exhibit Greater Developmental Plasticity in Response to Seasonal Cues. <i>Frontiers in Physiology</i> , 2021, 12, 738992.	2.8	5
26	A chromosome-level genome assembly for the eastern fence lizard (<i>Sceloporus undulatus</i>), a reptile model for physiological and evolutionary ecology. <i>GigaScience</i> , 2021, 10, .	6.4	3
27	Oxygen environment and metabolic oxygen demand predictably interact to affect thermal behavior in a lizard, <i>Sceloporus occidentalis</i> . <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2022, 337, 739-745.	1.9	3