Martha M MuÃ±oz

List of Publications by Year
in descending order

31 papers	984 citations	586496 16 h-index	536525 29 g-index
31 all docs	31 docs citations	31 times ranked	1247 citing authors

#	Article	IF	Citations
1	The multidimensional (and contrasting) effects of environmental warming on a group of montane tropical lizards. Functional Ecology, 2022, 36, 419-431.	1.7	8
2	The Bogert effect, a factor in evolution. Evolution; International Journal of Organic Evolution, 2022, 76, 49-66.	1.1	41
3	Phylogenetic inference of where species spread or split across barriers. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2116948119.	3.3	12
4	Exceptional parallelisms characterize the evolutionary transition to live birth in phrynosomatid lizards. Nature Communications, 2022, 13, .	5.8	2
5	Thermal physiology responds to interannual temperature shifts in a montane horned lizard, Phrynosoma orbiculare. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2021, 335, 136-145.	0.9	16
6	Thermal adaptation revisited: How conserved are thermal traits of reptiles and amphibians?. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2021, 335, 173-194.	0.9	98
7	Ecological Limits on the Decoupling of Prey Capture and Processing in Fishes. Integrative and Comparative Biology, 2021, 61, 773-782.	0.9	7
8	Ecological Opportunity from Innovation, not Islands, Drove the Anole Lizard Adaptive Radiation. Systematic Biology, 2021, 71, 93-104.	2.7	23
9	The Macroevolutionary Consequences of Niche Construction in Microbial Metabolism. Frontiers in Microbiology, 2021, 12, 718082.	1.5	3
10	Thermalâ€“metabolic phenotypes of the lizard Podarcis muralis differ across elevation, but converge in high-elevation hypoxia. Journal of Experimental Biology, 2021, 224, .	0.8	8
11	Weak Relationships Between Swimming Morphology and Water Depth in Wrasses and Parrotfish Belie Multiple Selective Demands on Formâ€“Function Evolution. Integrative and Comparative Biology, 2020, 60, 1309-1319.	0.9	3
12	Scaling between macroâ€•to microscale climatic data reveals strong phylogenetic inertia in niche evolution in plethodontid salamanders. Evolution; International Journal of Organic Evolution, 2020, 74, 979-991.	1.1	16
13	The Future is Bright for Evolutionary Morphology and Biomechanics in the Era of Big Data. Integrative and Comparative Biology, 2019, 59, 599-603.	0.9	33
14	The Evolutionary Dynamics of Mechanically Complex Systems. Integrative and Comparative Biology, 2019, 59, 705-715.	0.9	29
15	Physiological evolution during adaptive radiation: A test of the island effect in Anolis lizards. Evolution; International Journal of Organic Evolution, 2019, 73, 1241-1252.	1.1	23
16	Interactions between thermoregulatory behavior and physiological acclimatization in a wild lizard population. Journal of Thermal Biology, 2019, 79, 135-143.	1.1	28
17	Thermoregulatory Behavior Simultaneously Promotes and Forestalls Evolution in a Tropical Lizard. American Naturalist, 2018, 191, E15-E26.	1.0	101
18	Parallel Behavioral Divergence with Macrohabitat inAnolis(Squamata: Dactyloidae) Lizards from the Dominican Republic. Breviora, 2018, 561, 1-17.	0.2	4

#	Article	IF	Citations
19	Strong biomechanical relationships bias the tempo and mode of morphological evolution. ELife, 2018, 7, .	2.8	37
20	Mechanical sensitivity and the dynamics of evolutionary rate shifts in biomechanical systems. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162325.	1.2	42
21	Heat hardening in a tropical lizard: geographic variation explained by the predictability and variance in environmental temperatures. Functional Ecology, 2016, 30, 1161-1168.	1.7	71
22	Basking behavior predicts the evolution of heat tolerance in Australian rainforest lizards. Evolution; International Journal of Organic Evolution, 2016, 70, 2537-2549.	1.1	49
23	Effects of Ectoparasitism on Behavioral Thermoregulation in the Tropical lizards Anolis cybotes (Squamata: Dactyloidae) and Anolis armouri (Squamata: Dactyloidae). Breviora, 2015, 545, 1-13.	0.2	9
24	Multiple paths to aquatic specialisation in four species of Central AmericanAnolislizards. Journal of Natural History, 2015, 49, 1717-1730.	0.2	12
25	Untangling Intra- and Interspecific Effects on Body Size Clines Reveals Divergent Processes Structuring Convergent Patterns in Anolis Lizards. American Naturalist, 2014, 184, 636-646.	1.0	27
26	Evolutionary stasis and lability in thermal physiology in a group of tropical lizards. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132433.	1.2	149
27	Divergence in coloration and ecological speciation in the <scp>A</scp>nolis marmoratus species complex. Molecular Ecology, 2013, 22, 2668-2682.	2.0	32
28	Sexually distinct development of vocal pathways in Xenopus laevis. Developmental Neurobiology, 2010, 70, 862-874.	1.5	4
29	Comparative phylogeography of two seastars and their ectosymbionts within the Coral Triangle. Molecular Ecology, 2008, 17, 5276-5290.	2.0	91
30	ADAPTATION TO A CHANGING WORLD:. , 0, , 238-252.		5
31	The effect of thermally robust ballistic mechanisms on climatic niche in salamanders. Integrative Organismal Biology, 0, , .	0.9	1