Ximena E Bernal

List of Publications by Year
in descending order

60 papers	1,632 citations	331670 21 h-index	315739 38 g-index
65 all docs	65 docs citations	65 times ranked	1733 citing authors

#	Article	IF	Citations
1	Local competitive environment and male condition influence within-bout calling patterns in tÃºngara frogs. Bioacoustics, 2023, 32, 121-142.	1.7	1
2	Eavesdropping Micropredators as Dynamic Limiters of Sexual Signal Elaboration and Intrasexual Competition. American Naturalist, 2022, 199, 653-665.	2.1	6
3	Dominance Can Increase Genetic Variance After a Population Bottleneck: A Synthesis of the Theoretical and Empirical Evidence. Journal of Heredity, 2022, 113, 257-271.	2.4	2
4	Within host acoustic signal preference of frogâ€biting mosquitoes (Diptera: Culicidae) and midges (Diptera: Corethrellidae) on Iriomote Island, Japan. Entomological Science, 2021, 24, 116-122.	0.6	8
5	The dual benefits of synchronized mating signals in a Japanese treefrog: attracting mates and manipulating predators. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200340.	4.0	9
6	The challenge of detecting prey: Private and social information use in predatory bats. Functional Ecology, 2020, 34, 344-363.	3.6	20
7	Prey Exploits the Auditory Illusions of Eavesdropping Predators. American Naturalist, 2020, 195, 927-933.	2.1	13
8	Reply to Arora et al.: Concerns and considerations about using the CV as an equity tool. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24033-24034.	7.1	3
9	In the wake of COVID-19, academia needs new solutions to ensure gender equity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15378-15381.	7.1	242
10	Traffic noise differentially impacts call types in a Japanese treefrog (Buergeria japonica). Ethology, 2020, 126, 576-583.	1.1	6
11	Feeding patterns revealed host partitioning inÂaÂcommunity of frogâ€biting mosquitoes. Ecological Entomology, 2020, 45, 988-996.	2.2	5
12	Signal Synchrony and Alternation Among Neighbor Males in a Japanese Stream Breeding Treefrog, Buergeria japonica. Current Herpetology, 2020, 39, 80.	0.5	3
13	The Cognitive Ecology of Stimulus Ambiguity: A Predatorâ€“Prey Perspective. Trends in Ecology and Evolution, 2019, 34, 1048-1060.	8.7	30
14	Synchronized mating signals in a communication network: the challenge of avoiding predators while attracting mates. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191067.	2.6	21
15	From forest to city: urbanization modulates relative abundance of anti-predator coloration. Journal of Urban Ecology, 2019, 5, .	1.5	3
16	Laryngeal Demasculinization in Wild Cane Toads Varies with Land Use. EcoHealth, 2019, 16, 682-693.	2.0	3
17	A new species of fossil Corethrella (Diptera, Corethrellidae) from mid-Cretaceous Burmese amber. Cretaceous Research, 2019, 101, 84-91.	1.4	2
18	Nineteen Years of Consistently Positive and Strong Female Mate Preferences despite Individual Variation. American Naturalist, 2019, 194, 125-134.	2.1	29

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19	Empowering Latina scientists. Science, 2019, 363, 825-826.	12.6	7
20	A new approach to improve acoustic trapping effectiveness for Aedes aegypti (Diptera: Culicidae). Journal of Vector Ecology, 2019, 44, 216-222.	1.0	6
21	Adaptive changes in sexual signalling in response to urbanization. Nature Ecology and Evolution, 2019, 3, 374-380.	7.8	72
22	Exploratory behavior of a native anuran species with high invasive potential. Animal Cognition, 2018, 21, 55-65.	1.8	7
23	Seasonal variation in abundance and diversity of eavesdropping frogâ€biting midges (D iptera, C) Tj ETQq1 1 0.784314 rgBT /Overlock	2.2	30
24	Anuran predators overcome visual illusion: dazzle coloration does not protect moving prey. Animal Cognition, 2018, 21, 729-733.	1.8	6
25	A new species of frog-biting midge from Papua New Guinea with a key to the described Corethrellidae of the Australopapuan region (Diptera, Corethrellidae, Corethrella). ZooKeys, 2018, 795, 39-48.	1.1	6
26	Light and noise pollution interact to disrupt interspecific interactions. Ecology, 2017, 98, 1290-1299.	3.2	77
27	Mixed Sex Effects on the Secondâ€toâ€Fourth Digit Ratio of TÃºngara Frogs (<scp>E</scp>ngystomops pustulosus) and Cane Toads (<scp>R</scp>hinella) Tj ETQq1 1 0.784314 rgBT /Ov	1.1	12
28	Acoustic Preference of Frogâ€Biting Midges (Corethrella spp) Attacking TÃºngara Frogs in their Natural Habitat. Ethology, 2016, 122, 105-113.	1.1	20
29	Collateral damage or a shadow of safety? The effects of signalling heterospecific neighbours on the risks of parasitism and predation. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160343.	2.6	30
30	Sexual differences in prevalence of a new species of trypanosome infecting tÃºngara frogs. International Journal for Parasitology: Parasites and Wildlife, 2016, 5, 40-47.	1.5	39
31	Pyrazine emission by a tropical firefly: An example of chemical aposematism?. Biotropica, 2016, 48, 645-655.	1.6	14
32	Female tÃºngara frogs do not experience the continuity illusion.. Behavioral Neuroscience, 2016, 130, 62-74.	1.2	5
33	First report of mite parasitization in frog-biting midges (Corethrellaspecies). International Journal of Acarology, 2015, 41, 389-392.	0.7	0
34	Use of acoustic signals in mating in an eavesdropping frog-biting midge. Animal Behaviour, 2015, 103, 45-51.	1.9	21
35	Cues used in host-seeking behavior by frog-biting midges (Corethrellaspp. Coquillet). Journal of Vector Ecology, 2015, 40, 122-128.	1.0	32
36	Differences in neophobia between cane toads from introduced and native populations. Behavioral Ecology, 2015, 26, 97-104.	2.2	41

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37	Danger Comes from All Fronts: Predator-Dependent Escape Tactics of TÃºngara Frogs. PLoS ONE, 2015, 10, e0120546.	2.5	32
38	Harmonic calls and indifferent females: no preference for human consonance in an anuran. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140986.	2.6	8
39	Feeding Site Selection by Frog-Biting Midges (Diptera: Corethrellidae) on Anuran Hosts. Journal of Insect Behavior, 2014, 27, 302-316.	0.7	23
40	First Report of the Mating Behavior of a Species of Frog-Biting Midge (Diptera: Corethrellidae). Florida Entomologist, 2013, 96, 1522-1529.	0.5	6
41	A Review of Undergraduate Evolution Education in U.S. Universities: Building a Unifying Framework. Evolution: Education and Outreach, 2012, 5, 453-465.	0.8	14
42	Sequential assessment of prey through the use of multiple sensory cues by an eavesdropping bat. Die Naturwissenschaften, 2012, 99, 505-509.	1.6	22
43	Female mate choice and the potential for ornament evolution in tÃºngara frogs Physalaemus pustulosus. Environmental Epigenetics, 2010, 56, 343-357.	1.8	19
44	Acoustic radiation patterns of mating calls of the tÃºngara frog (Physalaemus pustuosus): Implications for multiple receivers. Journal of the Acoustical Society of America, 2009, 126, 2757-2767.	1.1	12
45	Task differences confound sex differences in receiver permissiveness in tÃºngara frogs. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 1323-1329.	2.6	22
46	Female and male behavioral response to advertisement calls of graded complexity in tÃºngara frogs, Physalaemus pustulosus. Behavioral Ecology and Sociobiology, 2009, 63, 1269-1279.	1.4	58
47	Visual sensitivity to a conspicuous male cue varies by reproductive state inPhysalaemus pustulosusfemales. Journal of Experimental Biology, 2008, 211, 1203-1210.	1.7	69
48	ISLAND POPULATIONS OF PHYSALAEMUS PUSTULOSUS: HISTORY INFLUENCES GENETIC DIVERSITY AND MORPHOLOGY. Herpetologica, 2007, 63, 311-319.	0.4	8
49	Cues for Eavesdroppers: Do Frog Calls Indicate Prey Density and Quality?. American Naturalist, 2007, 169, 409-415.	2.1	85
50	Sexual Differences in the Behavioral Response of TÃºngara Frogs, Physalaemus pustulosus, to Cues Associated with Increased Predation Risk. Ethology, 2007, 113, 755-763.	1.1	56
51	Patterns of mating call preferences in tÃºngara frogs, Physalaemus pustulosus. Journal of Evolutionary Biology, 2007, 20, 2235-2247.	1.7	20
52	Sex differences in response to nonconspecific advertisement calls: receiver permissiveness in male and female tÃºngara frogs. Animal Behaviour, 2007, 73, 955-964.	1.9	50
53	Cues for Eavesdroppers: Do Frog Calls Indicate Prey Density and Quality?. American Naturalist, 2007, 169, 409.	2.1	4
54	No evidence for female mate choice based on genetic similarity in the tÃºngara frog Physalaemus pustulosus. Behavioral Ecology and Sociobiology, 2006, 59, 796-804.	1.4	15

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55	TÃºngara frogs. Current Biology, 2006, 16, R979-R980.	3.9	1
56	The Vocal Sac Increases Call Rate in the TÃºngara Frog Physalaemus pustulosus. Physiological and Biochemical Zoology, 2006, 79, 708-719.	1.5	50
57	Acoustic preferences and localization performance of blood-sucking flies (Corethrella Coquillett) to tÃºngara frog calls. Behavioral Ecology, 2006, 17, 709-715.	2.2	148
58	GEOGRAPHIC VARIATION IN ADVERTISEMENT CALL AND GENETIC STRUCTURE OF COLOSTETHUS PALMATUS (ANURA, DENDROBATIDAE) FROM THE COLOMBIAN ANDES. Herpetologica, 2005, 61, 395-408.	0.4	45
59	Partitioning of vocal activity in a Neotropical highland-frog community. Studies on Neotropical Fauna and Environment, 2000, 35, 185-194.	1.0	32
60	Survival of the sickest: selective predation differentially modulates ecological and evolutionary disease dynamics. Oikos, 0, , .	2.7	1