# Ximena E Bernal

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | 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 |
| 2 | Acoustic preferences and localization performance of blood-sucking flies (Corethrella Coquillett) to tÃºngara frog calls. Behavioral Ecology, 2006, 17, 709-715. | 2.2 | 148 |
| 3 | Cues for Eavesdroppers: Do Frog Calls Indicate Prey Density and Quality?. American Naturalist, 2007, 169, 409-415. | 2.1 | 85 |
| 4 | Light and noise pollution interact to disrupt interspecific interactions. Ecology, 2017, 98, 1290-1299. | 3.2 | 77 |
| 5 | Adaptive changes in sexual signalling in response to urbanization. Nature Ecology and Evolution, 2019, 3, 374-380. | 7.8 | 72 |
| 6 | Visual sensitivity to a conspicuous male cue varies by reproductive state inPhysalaemus pustulosusfemales. Journal of Experimental Biology, 2008, 211, 1203-1210. | 1.7 | 69 |
| 7 | 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 |
| 8 | 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 |
| 9 | The Vocal Sac Increases Call Rate in the TÃºngara Frog Physalaemus pustulosus. Physiological and Biochemical Zoology, 2006, 79, 708-719. | 1.5 | 50 |
| 10 | 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 |
| 11 | 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 |
| 12 | Differences in neophobia between cane toads from introduced and native populations. Behavioral Ecology, 2015, 26, 97-104. | 2.2 | 41 |
| 13 | 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 |
| 14 | Partitioning of vocal activity in a Neotropical highland-frog community. Studies on Neotropical Fauna and Environment, 2000, 35, 185-194. | 1.0 | 32 |
| 15 | Cues used in host-seeking behavior by frog-biting midges (Corethrellaspp. Coquillet). Journal of Vector Ecology, 2015, 40, 122-128. | 1.0 | 32 |
| 16 | Danger Comes from All Fronts: Predator-Dependent Escape Tactics of TÃºngara Frogs. PLoS ONE, 2015, 10, e0120546. | 2.5 | 32 |
| 17 | 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 |
| 18 | Seasonal variation in abundance and diversity of eavesdropping frogâ€biting midges ( D iptera, C) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 2.2 | 30 |

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|---|---|---|---|
| 19 | The Cognitive Ecology of Stimulus Ambiguity: A Predatorâ€“Prey Perspective. Trends in Ecology and Evolution, 2019, 34, 1048-1060. | 8.7 | 30 |
| 20 | Nineteen Years of Consistently Positive and Strong Female Mate Preferences despite Individual Variation. American Naturalist, 2019, 194, 125-134. | 2.1 | 29 |
| 21 | Feeding Site Selection by Frog-Biting Midges (Diptera: Corethrellidae) on Anuran Hosts. Journal of Insect Behavior, 2014, 27, 302-316. | 0.7 | 23 |
| 22 | 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 |
| 23 | Sequential assessment of prey through the use of multiple sensory cues by an eavesdropping bat. Die Naturwissenschaften, 2012, 99, 505-509. | 1.6 | 22 |
| 24 | Use of acoustic signals in mating in an eavesdropping frog-biting midge. Animal Behaviour, 2015, 103, 45-51. | 1.9 | 21 |
| 25 | 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 |
| 26 | Patterns of mating call preferences in tÃºngara frogs, Physalaemus pustulosus. Journal of Evolutionary Biology, 2007, 20, 2235-2247. | 1.7 | 20 |
| 27 | Acoustic Preference of Frogâ€Biting Midges ( Corethrella spp) Attacking TÃºngara Frogs in their Natural Habitat. Ethology, 2016, 122, 105-113. | 1.1 | 20 |
| 28 | The challenge of detecting prey: Private and social information use in predatory bats. Functional Ecology, 2020, 34, 344-363. | 3.6 | 20 |
| 29 | Female mate choice and the potential for ornament evolution in tÃºngara frogs Physalaemus pustulosus. Environmental Epigenetics, 2010, 56, 343-357. | 1.8 | 19 |
| 30 | 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 |
| 31 | 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 |
| 32 | Pyrazine emission by a tropical firefly: An example of chemical aposematism?. Biotropica, 2016, 48, 645-655. | 1.6 | 14 |
| 33 | Prey Exploits the Auditory Illusions of Eavesdropping Predators. American Naturalist, 2020, 195, 927-933. | 2.1 | 13 |
| 34 | 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 |
| 35 | 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 | | 12 |
| 36 | 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 |

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|---|---|---|---|
| 37 | ISLAND POPULATIONS OF PHYSALAEMUS PUSTULOSUS: HISTORY INFLUENCES GENETIC DIVERSITY AND MORPHOLOGY. Herpetologica, 2007, 63, 311-319. | 0.4 | 8 |
| 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 | 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 |
| 40 | Exploratory behavior of a native anuran species with high invasive potential. Animal Cognition, 2018, 21, 55-65. | 1.8 | 7 |
| 41 | Empowering Latina scientists. Science, 2019, 363, 825-826. | 12.6 | 7 |
| 42 | First Report of the Mating Behavior of a Species of Frog-Biting Midge (Diptera: Corethrellidae). Florida Entomologist, 2013, 96, 1522-1529. | 0.5 | 6 |
| 43 | Anuran predators overcome visual illusion: dazzle coloration does not protect moving prey. Animal Cognition, 2018, 21, 729-733. | 1.8 | 6 |
| 44 | A new approach to improve acoustic trapping effectiveness for Aedes aegypti (Diptera: Culicidae). Journal of Vector Ecology, 2019, 44, 216-222. | 1.0 | 6 |
| 45 | Traffic noise differentially impacts call types in a Japanese treefrog ( Buergeria japonica ). Ethology, 2020, 126, 576-583. | 1.1 | 6 |
| 46 | 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 |
| 47 | Eavesdropping Micropredators as Dynamic Limiters of Sexual Signal Elaboration and Intrasexual Competition. American Naturalist, 2022, 199, 653-665. | 2.1 | 6 |
| 48 | Feeding patterns revealed host partitioning inÂaÂcommunity of frogâ€biting mosquitoes. Ecological Entomology, 2020, 45, 988-996. | 2.2 | 5 |
| 49 | Female tÃºngara frogs do not experience the continuity illusion.. Behavioral Neuroscience, 2016, 130, 62-74. | 1.2 | 5 |
| 50 | Cues for Eavesdroppers: Do Frog Calls Indicate Prey Density and Quality?. American Naturalist, 2007, 169, 409. | 2.1 | 4 |
| 51 | From forest to city: urbanization modulates relative abundance of anti-predator coloration. Journal of Urban Ecology, 2019, 5, . | 1.5 | 3 |
| 52 | Laryngeal Demasculinization in Wild Cane Toads Varies with Land Use. EcoHealth, 2019, 16, 682-693. | 2.0 | 3 |
| 53 | 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 |
| 54 | Signal Synchrony and Alternation Among Neighbor Males in a Japanese Stream Breeding Treefrog, Buergeria japonica. Current Herpetology, 2020, 39, 80. | 0.5 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | A new species of fossil Corethrella (Diptera, Corethrellidae) from mid-Cretaceous Burmese amber. Cretaceous Research, 2019, 101, 84-91. | 1.4 | 2 |
| 56 | 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 |
| 57 | TÃºngara frogs. Current Biology, 2006, 16, R979-R980. | 3.9 | 1 |
| 58 | Local competitive environment and male condition influence within-bout calling patterns in tÃºngara frogs. Bioacoustics, 2023, 32, 121-142. | 1.7 | 1 |
| 59 | Survival of the sickest: selective predation differentially modulates ecological and evolutionary disease dynamics. Oikos, 0, , . | 2.7 | 1 |
| 60 | First report of mite parasitization in frog-biting midges (Corethrellaspecies). International Journal of Acarology, 2015, 41, 389-392. | 0.7 | 0 |