List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------------------|--------------|
| 1 | Identity signaling, identity reception, and the evolution of social recognition in a Neotropical frog. Evolution; International Journal of Organic Evolution, 2022, 76, 158-170. | 2.3 | 6 |
| 2 | Convergent evolution of a blood-red nectar pigment in vertebrate-pollinated flowers. Proceedings of the United States of America, 2022, 119, . | 7.1 | 15 |
| 3 | Predicting and Measuring Decision Rules for Social Recognition in a Neotropical Frog. American Naturalist, 2022, 200, E77-E92. | 2.1 | 3 |
| 4 | Vocal sacs do not function in multimodal mate attraction under nocturnal illumination in Cope's grey treefrog. Animal Behaviour, 2022, , . | 1.9 | 3 |
| 5 | Ecological and social drivers of neighbor recognition and the dear enemy effect in a poison frog. Behavioral Ecology, 2021, 32, 138-150. | 2.2 | 26 |
| 6 | An integrative approach to infer systematic relationships and define species groups in the shrub frog genus <i>Raorchestes</i> , with description of five new species from the Western Ghats, India. PeerJ, 2021, 9, e10791. | 2.0 | 9 |
| 7 | Lung mediated auditory contrast enhancement improves the Signal-to-noise ratio for communication in frogs. Current Biology, 2021, 31, 1488-1498.e4. | 3.9 | 15 |
| 8 | Moderately elevated glucocorticoids increase mate choosiness but do not affect sexual proceptivity or preferences in female gray treefrogs. Hormones and Behavior, 2021, 130, 104950. | 2.1 | 6 |
| 9 | Social Communication across Reproductive Boundaries: Hormones and the Auditory Periphery of Songbirds and Frogs. Integrative and Comparative Biology, 2021, 61, 292-301. | 2.0 | 2 |
| 10 | Neural basis of acoustic species recognition in a cryptic species complex. Journal of Experimental Biology, 2021, 224, . | 1.7 | 9 |
| 11 | SynSing: open-source MATLAB code for generating synthetic signals in studies of animal acoustic communication. Bioacoustics, 2020, 29, 731-752. | 1.7 | 3 |
| 12 | Species Recognition Is Constrained by Chorus Noise, but Not Inconsistency in Signal Production, in Cope's Gray Treefrog (Hyla chrysoscelis). Frontiers in Ecology and Evolution, 2020, 8, . | 2.2 | 5 |
| 13 | Lung-to-ear sound transmission does not improve directional hearing in green treefrogs (<i>Hyla) Tj ETQq1 1 0.</i> | 784314 rg 1.7 | BT /Overlock |
| 14 | Inconsistent sexual signaling degrades optimal mating decisions in animals. Science Advances, 2020, 6, eaax3957. | 10.3 | 16 |
| 15 | Anuran Auditory Systems as Models for Understanding Sensory Processing and the Evolution of Communication. , 2020, , 138-148. | | 0 |
| 16 | Customizable Recorder of Animal Kinesis (CRoAK): A multi-axis instrumented enclosure for measuring animal movements. HardwareX, 2020, 8, e00116. | 2.2 | 3 |
| 17 | Mate choice and the â€~opposite miss' to Weber's law: proportional processing governs signal preferences in a treefrog. Animal Behaviour, 2020, 168, 199-209. | 1.9 | 15 |
| 18 | Treefrogs exploit temporal coherence to form perceptual objects of communication signals. Biology Letters, 2020, 16, 20200573. | 2.3 | 6 |

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|----|---|-----|-----------|
| 19 | The difference a day makes: Breeding remodels hearing, hormones and behavior in female Cope's gray treefrogs (Hyla chrysoscelis). Hormones and Behavior, 2019, 108, 62-72. | 2.1 | 19 |
| 20 | Within-individual variation in sexual displays: signal or noise?. Behavioral Ecology, 2019, 30, 80-91. | 2.2 | 23 |
| 21 | The paradox of hearing at the lek: auditory sensitivity increases after breeding in female gray treefrogs (Hyla chrysoscelis). Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2019, 205, 629-639. | 1.6 | 11 |
| 22 | Predictors and benefits of microhabitat selection for offspring deposition in golden rocket frogs. Biotropica, 2018, 50, 919-928. | 1.6 | 13 |
| 23 | Where, who, and when? Key drivers of territorial responses: a comment on Christensen and Radford. Behavioral Ecology, 2018, 29, 1014-1014. | 2.2 | 2 |
| 24 | Masking release in temporally fluctuating noise depends on comodulation and overall level in Cope's gray treefrog. Journal of the Acoustical Society of America, 2018, 144, 2354-2362. | 1.1 | 10 |
| 25 | Brilliant-thighed poison frogs do not use acoustic identity information to treat territorial neighbours as dear enemies. Animal Behaviour, 2018, 141, 203-220. | 1.9 | 18 |
| 26 | Principles of Auditory Object Formation by Nonhuman Animals. Springer Handbook of Auditory Research, 2018, , 47-82. | 0.7 | 6 |
| 27 | Calls of Recently Introduced CoquÃ-Frogs Do Not Interfere with Cricket Phonotaxis in Hawaii. Journal of Insect Behavior, 2017, 30, 60-69. | 0.7 | 5 |
| 28 | Frogs Exploit Statistical Regularities in Noisy Acoustic Scenes to Solve Cocktail-Party-like Problems. Current Biology, 2017, 27, 743-750. | 3.9 | 32 |
| 29 | Multivariate phenotypic selection on a complex sexual signal. Evolution; International Journal of Organic Evolution, 2017, 71, 1742-1754. | 2.3 | 55 |
| 30 | The signal in noise: acoustic information for soundscape orientation in two North American tree frogs. Behavioral Ecology, 2017, 28, 844-853. | 2.2 | 9 |
| 31 | Territorial olive frogs display lower aggression towards neighbours than strangers based on individual vocal signatures. Animal Behaviour, 2017, 123, 217-228. | 1.9 | 37 |
| 32 | Nonlinear processing of a multicomponent communication signal by combination-sensitive neurons in the anuran inferior colliculus. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2017, 203, 749-772. | 1.6 | 11 |
| 33 | Assessment and Recognition of Rivals in Anuran Contests. Advances in the Study of Behavior, 2016, , 161-249. | 1.6 | 50 |
| 34 | A meta-analytic castle built on sand? A comment on Roca et al Behavioral Ecology, 2016, 27, 1277-1278. | 2.2 | 12 |
| 35 | Sound source localization and segregation with internally coupled ears: the treefrog model. Biological Cybernetics, 2016, 110, 271-290. | 1.3 | 18 |
| 36 | Inherent Directionality Determines Spatial Release from Masking at the Tympanum in a Vertebrate with Internally Coupled Ears. JARO - Journal of the Association for Research in Otolaryngology, 2016, 17, 259-270. | 1.8 | 7 |

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|----|--|------|-----------|
| 37 | Acoustic sequences in nonâ€human animals: a tutorial review and prospectus. Biological Reviews, 2016, 91, 13-52. | 10.4 | 213 |
| 38 | Quantitative description of the vocal repertoire of the territorial olive frogBabina adenopleurafrom Taiwan. Bioacoustics, 2016, 25, 1-18. | 1.7 | 14 |
| 39 | Social Recognition in Anurans. Animal Signals and Communication, 2016, , 169-221. | 0.8 | 9 |
| 40 | Female túngara frogs do not experience the continuity illusion Behavioral Neuroscience, 2016, 130, 62-74. | 1.2 | 5 |
| 41 | A unique mating strategy without physical contact during fertilization in Bombay Night Frogs (<i>Nyctibatrachus humayuni</i>) with the description of a new form of amplexus and female call. PeerJ, 2016, 4, e2117. | 2.0 | 16 |
| 42 | Signaler and Receiver Psychology. Animal Signals and Communication, 2016, , 1-16. | 0.8 | 3 |
| 43 | Evolutionary adaptations for the temporal processing of natural sounds by the anuran peripheral auditory system. Journal of Experimental Biology, 2015, 218, 837-48. | 1.7 | 11 |
| 44 | Progesterone and prostaglandin F2α induce species-typical female preferences for male sexual displays in Cope's gray treefrog (Hyla chrysoscelis). Physiology and Behavior, 2015, 152, 280-287. | 2.1 | 18 |
| 45 | Noise knows no limits. Current Biology, 2015, 25, R736-R739. | 3.9 | Ο |
| 46 | Treefrogs as animal models for research on auditory scene analysis and the cocktail party problem. International Journal of Psychophysiology, 2015, 95, 216-237. | 1.0 | 66 |
| 47 | Vocal Behavior of the Elusive Purple Frog of India (Nasikabatrachus sahyadrensis), a Fossorial Species Endemic to the Western Chats. PLoS ONE, 2014, 9, e84809. | 2.5 | 12 |
| 48 | Assessing stimulus and subject influences on auditory evoked potentials and their relation to peripheral physiology in green treefrogs (Hyla cinerea). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2014, 178, 68-81. | 1.8 | 22 |
| 49 | Auditory brainstem responses in Cope's gray treefrog (Hyla chrysoscelis): effects of frequency, level, sex and size. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2014, 200, 221-238. | 1.6 | 44 |
| 50 | Spatial hearing in Cope's gray treefrog: II. Frequency-dependent directionality in the amplitude and phase of tympanum vibrations. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2014, 200, 285-304. | 1.6 | 13 |
| 51 | Spatial hearing in Cope's gray treefrog: I. Open and closed loop experiments on sound localization in the presence and absence of noise. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2014, 200, 265-284. | 1.6 | 22 |
| 52 | The vocal repertoire of <i>Pseudophilautus kani</i> , a shrub frog (Anura: Rhacophoridae) from the Western Ghats of India. Bioacoustics, 2013, 22, 67-85. | 1.7 | 21 |
| 53 | Multitasking males and multiplicative females: dynamic signalling and receiver preferences in Cope's grey treefrog. Animal Behaviour, 2013, 86, 231-243. | 1.9 | 64 |
| 54 | Spatial release from masking improves sound pattern discrimination along a biologically relevant pulse-rate continuum in gray treefrogs. Hearing Research, 2013, 306, 63-75. | 2.0 | 28 |

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|----|--|---------------------|-----------------------|
| 55 | All's well that begins Wells: celebrating 60 years of Animal Behaviour and 36 years of research on anuran social behaviour. Animal Behaviour, 2013, 85, 5-18. | 1.9 | 26 |
| 56 | Advertisement Call Variation in the Golden Rocket Frog (<i>Anomaloglossus beebei</i>): Evidence for Individual Distinctiveness. Ethology, 2013, 119, 244-256. | 1.1 | 43 |
| 57 | Vocal Behavior of the Ponmudi Bush Frog (<i>Raorchestes graminirupes</i>): Repertoire and Individual Variation. Herpetologica, 2013, 69, 22-35. | 0.4 | 26 |
| 58 | Anuran Acoustic Signal Perception in Noisy Environments. Animal Signals and Communication, 2013, , 133-185. | 0.8 | 36 |
| 59 | Pulse-number discrimination by Cope's gray treefrog (<i>Hyla chrysoscelis</i>) in modulated and unmodulated noise. Journal of the Acoustical Society of America, 2013, 134, 3079-3089. | 1.1 | 12 |
| 60 | Calling in gray treefrog choruses: modifications and mysteries. Proceedings of Meetings on Acoustics, 2013, , . | 0.3 | 0 |
| 61 | Signal recognition by green treefrogs (Hyla cinerea) and cope's gray treefrogs (Hyla chrysoscelis) in naturally fluctuating noise Journal of Comparative Psychology (Washington, D C: 1983), 2013, 127, 166-178. | 0.5 | 25 |
| 62 | Anuran Acoustic Signal Production in Noisy Environments. Animal Signals and Communication, 2013, , 91-132. | 0.8 | 59 |
| 63 | Short Amplexus Duration in a Territorial Anuran: A Possible Adaptation in Response to Male-Male Competition. PLoS ONE, 2013, 8, e83116. | 2.5 | 13 |
| 64 | Sound level discrimination by gray treefrogs in the presence and absence of chorus-shaped noise. Journal of the Acoustical Society of America, 2012, 131, 4188-4195. | 1.1 | 40 |
| 65 | Dip listening or modulation masking? Call recognition by green treefrogs (Hyla cinerea) in temporally fluctuating noise. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2012, 198, 891-904. | 1.6 | 25 |
| 66 | Spatial release from masking in a free-field source identification task by gray treefrogs. Hearing Research, 2012, 285, 86-97. | 2.0 | 44 |
| 67 | Female preferences for spectral call properties in the western genetic lineage of Cope's gray treefrog (Hyla chrysoscelis). Behavioral Ecology and Sociobiology, 2012, 66, 1595-1606. | 1.4 | 24 |
| 68 | Quantitative acoustic analysis of the vocal repertoire of the golden rocket frog (Anomaloglossus) Tj ETQq0 0 (|) rgBT /Over 1.1 | loc <u>k</u> 10 Tf 50 |
| 69 | Receiver psychology turns 20: is it time for a broader approach?. Animal Behaviour, 2012, 83, 331-343. | 1.9 | 77 |
| 70 | Sound source perception in anuran amphibians. Current Opinion in Neurobiology, 2012, 22, 301-310. | 4.2 | 55 |
| 71 | Dip listening and the cocktail party problem in grey treefrogs: signal recognition in temporally fluctuating noise. Animal Behaviour, 2011, 82, 1319-1327. | 1.9 | 64 |

| 72 | Finding Your Mate at a Cocktail Party: Frequency Separation Promotes Auditory Stream Segregation of Concurrent Voices in Multi-Species Frog Choruses. PLoS ONE, 2011, 6, e21191. | 2.5 | 43 |
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| 73 | Spectral preferences and the role of spatial coherence in simultaneous integration in gray treefrogs (Hyla chrysoscelis) Journal of Comparative Psychology (Washington, D C: 1983), 2010, 124, 412-424. | 0.5 | 20 |
| 74 | Signal recognition by frogs in the presence of temporally fluctuating chorus-shaped noise. Behavioral Ecology and Sociobiology, 2010, 64, 1695-1709. | 1.4 | 41 |
| 75 | Neural adaptation to tone sequences in the songbird forebrain: patterns, determinants, and relation to the build-up of auditory streaming. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2010, 196, 543-557. | 1.6 | 48 |
| 76 | Testing an auditory illusion in frogs: perceptual restoration or sensory bias?. Animal Behaviour, 2010, 79, 1317-1328. | 1.9 | 23 |
| 77 | An experimental test of noise-dependent voice amplitude regulation in Cope's grey treefrog, Hyla chrysoscelis. Animal Behaviour, 2010, 80, 509-515. | 1.9 | 88 |
| 78 | Assessing Acoustic Signal Variability and the Potential for Sexual Selection and Social Recognition in Boreal Chorus Frogs (<i>Pseudacris maculata</i>). Ethology, 2010, 116, 564-576. | 1.1 | 33 |
| 79 | Sound transmission and the recognition of temporally degraded sexual advertisement signals in Cope's gray treefrog (Hyla chrysoscelis). Journal of Experimental Biology, 2010, 213, 2840-2850. | 1.7 | 32 |
| 80 | Behavioral measures of signal recognition thresholds in frogs in the presence and absence of chorus-shaped noise. Journal of the Acoustical Society of America, 2009, 126, 2788-2801. | 1.1 | 54 |
| 81 | Context-dependent plasticity of aggressive signalling in a dynamic social environment. Animal Behaviour, 2009, 78, 915-924. | 1.9 | 24 |
| 82 | Finding a mate at a cocktail party: spatial release from masking improves acoustic mate recognition in grey treefrogs. Animal Behaviour, 2008, 75, 1781-1791. | 1.9 | 96 |
| 83 | Does common spatial origin promote the auditory grouping of temporally separated signal elements in grey treefrogs?. Animal Behaviour, 2008, 76, 831-843. | 1.9 | 31 |
| 84 | Parallel female preferences for call duration in a diploid ancestor of an allotetraploid treefrog. Animal Behaviour, 2008, 76, 845-853. | 1.9 | 50 |
| 85 | The cocktail party problem: What is it? How can it be solved? And why should animal behaviorists study it?. Journal of Comparative Psychology (Washington, D C: 1983), 2008, 122, 235-251. | 0.5 | 292 |
| 86 | CD REVIEW. Bioacoustics, 2008, 18, 97-98. | 1.7 | 0 |
| 87 | Recognition and Localization of Acoustic Signals. , 2007, , 113-146. | | 27 |
| 88 | Do female frogs exploit inadvertent social information to locate breeding aggregations?. Canadian Journal of Zoology, 2007, 85, 921-932. | 1.0 | 54 |
| 89 | Detecting modulated signals in modulated noise: (II) neural thresholds in the songbird forebrain. European Journal of Neuroscience, 2007, 26, 1979-1994. | 2.6 | 15 |
| 90 | Sound source segregation in grey treefrogs: spatial release from masking by the sound of a chorus. Animal Behaviour, 2007, 74, 549-558. | 1.9 | 73 |

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| 91 | Auditory masking of anuran advertisement calls by road traffic noise. Animal Behaviour, 2007, 74, 1765-1776. | 1.9 | 183 |
| 92 | Selective phonotaxis by male wood frogs (Rana sylvatica) to the sound of a chorus. Behavioral Ecology and Sociobiology, 2007, 61, 955-966. | 1.4 | 63 |
| 93 | Individual Recognition in Animal Species. , 2006, , 617-626. | | 12 |
| 94 | SIGNAL DETECTION ENHANCED BY COMODULATED NOISE. Fluctuation and Noise Letters, 2006, 06, L339-L347. | 1.5 | 6 |
| 95 | Auditory Stream Segregation in the Songbird Forebrain: Effects of Time Intervals on Responses to Interleaved Tone Sequences. Brain, Behavior and Evolution, 2005, 66, 197-214. | 1.7 | 72 |
| 96 | Primitive Auditory Stream Segregation: A Neurophysiological Study in the Songbird Forebrain. Journal of Neurophysiology, 2004, 92, 1088-1104. | 1.8 | 121 |
| 97 | EQUIPMENT REVIEW. Bioacoustics, 2004, 14, 171-178. | 1.7 | 15 |
| 98 | Within-individual variation in bullfrog vocalizations: Implications for a vocally mediated social recognition system. Journal of the Acoustical Society of America, 2004, 116, 3770-3781. | 1.1 | 39 |
| 99 | Plasticity of aggressive signalling and its evolution in male spring peepers, Pseudacris crucifer. Animal Behaviour, 2003, 65, 1223-1234. | 1.9 | 51 |
| 100 | A test of the "dear enemy effect" in the strawberry dart-poison frog (Dendrobates pumilio). Behavioral Ecology and Sociobiology, 2003, 54, 601-610. | 1.4 | 65 |
| 101 | Experience-based plasticity of acoustically evoked aggression in a territorial frog. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2003, 189, 485-496. | 1.6 | 26 |
| 102 | Socially Mediated Pitch Alteration by Territorial Male Bullfrogs, Rana catesbeiana. Journal of Herpetology, 2002, 36, 140-143. | 0.5 | 30 |
| 103 | Territorial male bullfrogs (Rana catesbeiana) do not assess fighting ability based on size-related variation in acoustic signals. Behavioral Ecology, 2002, 13, 109-124. | 2.2 | 50 |
| 104 | Individual voice recognition in a territorial frog (Rana catesbeiana). Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 1443-1448. | 2.6 | 108 |
| 105 | Habituation as a mechanism of reduced aggression between neighboring territorial male bullfrogs (Rana catesbeiana) Journal of Comparative Psychology (Washington, D C: 1983), 2001, 115, 68-82. | 0.5 | 58 |
| 106 | Habituation and sensitization of aggression in bullfrogs (Rana catesbeiana): Testing the dual-process theory of habituation Journal of Comparative Psychology (Washington, D C: 1983), 2001, 115, 307-316. | 0.5 | 26 |
| 107 | Individual Variation in Advertisement Calls of Territorial Male Green Frogs, Rana clamitans: Implications for Individual Discrimination. Ethology, 2001, 107, 65-84. | 1.1 | 131 |
| 108 | Neighbour–stranger discrimination by territorial male bullfrogs (Rana catesbeiana): I. Acoustic basis. Animal Behaviour, 2001, 62, 1129-1140. | 1.9 | 125 |

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| 109 | Neighbour–stranger discrimination by territorial male bullfrogs (Rana catesbeiana): II. Perceptual basis. Animal Behaviour, 2001, 62, 1141-1150. | 1.9 | 77 |
| 110 | Is habituation a mechanism for neighbor recognition in green frogs?. Behavioral Ecology and Sociobiology, 2000, 48, 165-168. | 1.4 | 7 |
| 111 | Call matching in the quacking frog (Crinia georgiana). Behavioral Ecology and Sociobiology, 2000, 48, 243-251. | 1.4 | 69 |
| 112 | Male green frogs lower the pitch of acoustic signals in defense of territories: a possible dishonest signal of size?. Behavioral Ecology, 2000, 11, 169-177. | 2.2 | 138 |
| 113 | Size assessment in simulated territorial encounters between male green frogs (Rana clamitans). Behavioral Ecology and Sociobiology, 1999, 45, 177-184. | 1.4 | 104 |
| 114 | Responses To Conspecific Advertisement Calls in the Green Frog (Rana Clamitans) and Their Role in Male-Male Communication. Behaviour, 1996, 133, 283-301. | 0.8 | 65 |
| 115 | Females prefer the calls of better fathers in a Neotropical frog with biparental care. Behavioral Ecology, 0, , . | 2.2 | 10 |