

Dynamics of multiple signalling systems: animal comm

Trends in Ecology and Evolution

25, 292-300

DOI: [10.1016/j.tree.2009.11.003](https://doi.org/10.1016/j.tree.2009.11.003)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Multiple signals for multiple messages: great tit, <i>Parus major</i> , song signals age and survival. <i>Animal Behaviour</i> , 2010, 80, 451-459.	0.8	90
2	Vibratory Communication in the Jumping Spider <i>Phidippus clarus</i> : Substrate-borne Courtship Signals are Important for Male Mating Success. <i>Ethology</i> , 2010, 116, 990-998.	0.5	35
3	Dealing with Uncertainty. <i>Advances in the Study of Behavior</i> , 2010, 42, 123-153.	1.0	22
4	Dynamic affairs “could be if we let it!. <i>Trends in Ecology and Evolution</i> , 2010, 25, 430-431.	4.2	1
5	Mating Advantage of Multiple Male Ornaments in the Barn Swallow <i>Hirundo Rustica Gutturalis</i> . <i>Ornithological Science</i> , 2010, 9, 141-148.	0.3	47
6	Multimodal begging signals reflect independent indices of nestling condition in European starlings. <i>Behavioral Ecology</i> , 2011, 22, 1249-1255.	1.0	25
7	Birdsong Performance and the Evolution of Simple (Rather than Elaborate) Sexual Signals. <i>American Naturalist</i> , 2011, 178, 679-686.	1.0	64
8	Direct Benefits and the Evolution of Female Mating Preferences. <i>Advances in the Study of Behavior</i> , 2011, , 273-319.	1.0	35
9	The Evolution of the Multicoloured Face of Mandrills: Insights from the Perceptual Space of Colour Vision. <i>PLoS ONE</i> , 2011, 6, e29117.	1.1	33
10	Complex courtship displays facilitate male reproductive success and plasticity in signaling across variable environments. <i>Environmental Epigenetics</i> , 2011, 57, 175-186.	0.9	77
11	Assets and tactics in a mating market: Economic models of negotiation offer insights into animal courtship dynamics on the lek. <i>Environmental Epigenetics</i> , 2011, 57, 225-236.	0.9	30
12	The Function of the Four Types of Waving Display in <i>Uca lactea</i> : Effects of Audience, Sand Structure, and Body Size. <i>Ethology</i> , 2011, 117, 408-415.	0.5	12
13	COSTLY SIGNALS IN A FIELD CRICKET CAN INDICATE HIGH- OR LOW-QUALITY DIRECT BENEFITS DEPENDING UPON THE ENVIRONMENT. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 283-294.	1.1	34
14	Multimodal signals in male European treefrog ( <i>Hyla arborea</i> ) and the influence of population isolation on signal expression. <i>Biological Journal of the Linnean Society</i> , 2011, 103, 633-647.	0.7	13
15	Males Use Multiple, Redundant Cues to Detect Mating Rivals. <i>Current Biology</i> , 2011, 21, 617-622.	1.8	97
16	Multimodal communication of wolf spiders on different substrates: evidence for behavioural plasticity. <i>Animal Behaviour</i> , 2011, 81, 367-375.	0.8	99
17	Bill coloration, a flexible signal in a tropical passerine bird, is regulated by social environment and androgens. <i>Animal Behaviour</i> , 2011, 81, 795-800.	0.8	62
18	Enigmatic ornamentation eases male reliance on courtship performance for mating success. <i>Animal Behaviour</i> , 2011, 81, 963-972.	0.8	26

#	ARTICLE	IF	CITATIONS
19	Multiple coloured ornaments in male common kestrels: different mechanisms to convey quality. <i>Die Naturwissenschaften</i> , 2011, 98, 289-298.	0.6	36
20	Field presentation of male secretions alters social display in <i>Sceloporus virgatus</i> but not <i>S. undulatus</i> lizards. <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 1403-1410.	0.6	30
21	Both male and female identity influence variation in male signalling effort. <i>BMC Evolutionary Biology</i> , 2011, 11, 233.	3.2	13
22	Defining individual quality over lifetimes and selective contexts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 321-328.	1.2	68
23	Synergy between social and private information increases foraging efficiency in ants. <i>Biology Letters</i> , 2011, 7, 521-524.	1.0	91
24	A Macroevolutionary Perspective on Multiple Sexual Traits in the Phasianidae (Galliformes). <i>International Journal of Evolutionary Biology</i> , 2011, 2011, 1-16.	1.0	39
25	Multi-Modal Courtship in the Peacock Spider, <i>Maratus volans</i> (O.P.-Cambridge, 1874). <i>PLoS ONE</i> , 2011, 6, e25390.	1.1	108
26	Forget-me-not: Complex floral displays, inter-signal interactions, and pollinator cognition. <i>Environmental Epigenetics</i> , 2011, 57, 215-224.	0.9	90
27	Current Status and Future Directions of Research in Complex Signaling. <i>Environmental Epigenetics</i> , 2011, 57, i-v.	0.9	36
28	<i>Verhaltensbiologie</i> . Springer-Lehrbuch, 2012, , .	0.1	11
29	Nuptial gifts protect male bell crickets from female aggressive behavior. <i>Behavioral Ecology</i> , 2012, 23, 302-306.	1.0	3
30	When not to copy: female fruit flies use sophisticated public information to avoid mated males. <i>Scientific Reports</i> , 2012, 2, 768.	1.6	42
31	Taking the sensory approach: how individual differences in sensory perception can influence mate choice. <i>Animal Behaviour</i> , 2012, 84, 1283-1294.	0.8	70
32	Computational mate choice: Theory and empirical evidence. <i>Behavioural Processes</i> , 2012, 90, 261-277.	0.5	29
33	The contribution of the lateral line to 'hearing' in fish. <i>Journal of Experimental Biology</i> , 2013, 216, 1484-90.	0.8	57
34	A Guide to Sexual Selection Theory. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2012, 43, 287-311.	3.8	182
35	By-product information can stabilize the reliability of communication. <i>Journal of Evolutionary Biology</i> , 2012, 25, 2412-2421.	0.8	10
36	Trade-Offs and Upper Limits to Signal Performance during Close-Range Vocal Competition in Gray Tree Frogs <i>Hyla versicolor</i> . <i>American Naturalist</i> , 2012, 180, 425-437.	1.0	53

#	ARTICLE	IF	CITATIONS
37	Asymmetric Female Preferences for Courtship Pheromones in Two Closely-Related Newt Species, the Smooth Newt ( <i>Lissotriton vulgaris</i> ) and the Carpathian Newt ( <i>L. montandoni</i> ) (Salamandridae). <i>Zoological Science</i> , 2012, 29, 390-395.	0.3	2
38	One trait, many signals: different information on male quality is enclosed within the same trait in a blenny fish. <i>Die Naturwissenschaften</i> , 2012, 99, 863-867.	0.6	12
39	Multimodal Communication in a Noisy Environment: A Case Study of the Bornean Rock Frog <i>Staurois parvus</i> . <i>PLoS ONE</i> , 2012, 7, e37965.	1.1	99
40	Female lizards discriminate between potential reproductive partners using multiple male traits when territory cues are absent. <i>Behavioral Ecology and Sociobiology</i> , 2012, 66, 1033-1043.	0.6	30
41	Multiple signals in the palmate newt: ornaments help when courting. <i>Behavioral Ecology and Sociobiology</i> , 2012, 66, 1045-1055.	0.6	23
42	Signal value of male courtship effort in a fish with paternal care. <i>Animal Behaviour</i> , 2012, 83, 1153-1161.	0.8	26
43	Habitat change influences mate search behaviour in three-spined sticklebacks. <i>Animal Behaviour</i> , 2012, 83, 1505-1510.	0.8	19
44	Artificial enhancement of an extended phenotype signal increases investment in courtship by three-spined sticklebacks. <i>Animal Behaviour</i> , 2012, 84, 93-101.	0.8	11
45	To beg or to freeze: multimodal sensory integration directs behavior in a tadpole. <i>Behavioral Ecology and Sociobiology</i> , 2012, 66, 191-199.	0.6	47
46	Female blue tits with brighter yellow chests transfer more carotenoids to their eggs after an immune challenge. <i>Oecologia</i> , 2013, 173, 387-397.	0.9	24
47	The biomechanical basis of evolutionary change in a territorial display. <i>Functional Ecology</i> , 2013, 27, 1186-1200.	1.7	12
48	An introduction to multimodal communication. <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 1381-1388.	0.6	199
49	A game theoretic approach to multimodal communication. <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 1399-1415.	0.6	36
50	Game theory, multi-modal signalling and the evolution of communication. <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 1417-1423.	0.6	7
51	Ten unanswered questions in multimodal communication. <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 1523-1539.	0.6	99
52	Multimodal signals increase active space of communication by wolf spiders in a complex litter environment. <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 1471-1482.	0.6	49
53	Information content is more important than sensory system or physical distance in guiding the long-term evolutionary relationships between signaling modalities in <i>Sceloporus</i> lizards. <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 1513-1522.	0.6	32
54	Multimodal signaling in the Small Torrent Frog ( <i>Micrixalus saxicola</i> ) in a complex acoustic environment. <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 1449-1456.	0.6	83

#	ARTICLE	IF	CITATIONS
55	Female ornamentation in <i>Malurus</i> fairy-wrens: a hidden evolutionary gem for understanding female perspectives on social and sexual selection. <i>Emu</i> , 2013, 113, 248-258.	0.2	31
56	Multitasking males and multiplicative females: dynamic signalling and receiver preferences in Cope's grey treefrog. <i>Animal Behaviour</i> , 2013, 86, 231-243.	0.8	64
57	Efficiency and Significance of Multiple Vocal Signals in Sibling Competition. <i>Evolutionary Biology</i> , 2013, 40, 579-588.	0.5	13
58	Mate preference in the painted goby: the influence of visual and acoustic courtship signals. <i>Journal of Experimental Biology</i> , 2013, 216, 3996-4004.	0.8	17
59	Multiple Sexual Signals and Behavioral Reproductive Isolation in a Diverging Population. <i>American Naturalist</i> , 2013, 182, 514-523.	1.0	44
60	Contributions of natural and sexual selection to the evolution of premating reproductive isolation: a research agenda. <i>Trends in Ecology and Evolution</i> , 2013, 28, 643-650.	4.2	158
61	Simultaneous use of different communication mechanisms leads to spatial sorting and unexpected collective behaviours in animal groups. <i>Journal of Theoretical Biology</i> , 2013, 337, 42-53.	0.8	11
62	The neuroethology of electrocommunication: How signal background influences sensory encoding and behaviour in <i>Apteronotus leptorhynchus</i> . <i>Journal of Physiology (Paris)</i> , 2013, 107, 13-25.	2.1	34
63	Painted gobies sing their quality out loud: acoustic rather than visual signals advertise male quality and contribute to mating success. <i>Functional Ecology</i> , 2013, 27, 289-298.	1.7	56
64	Eye for an eyespot: how iridescent plumage ocelli influence peacock mating success. <i>Behavioral Ecology</i> , 2013, 24, 1048-1057.	1.0	56
65	Lost in Translation: Adaptation of Mating Signals in Changing Environments. <i>Springer Science Reviews</i> , 2013, 1, 25-40.	1.3	24
66	Density of Antennal Sensilla Influences Efficacy of Communication in a Social Insect. <i>American Naturalist</i> , 2013, 182, 834-840.	1.0	39
67	Mate sampling and choosiness in the sand goby. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130983.	1.2	39
68	Males with a Faster Courtship Display have More White Spots and Higher Pairing Success in the Diamond Firetail, <i>Scopelogadus niger</i> . <i>Ethology</i> , 2013, 119, 344-352.	0.5	15
69	Seasonal male plumage as a multi-component sexual signal: insights and opportunities. <i>Emu</i> , 2013, 113, 232-247.	0.2	25
70	Aggressive Waves in the Lemon-Clawed Fiddler Crab ( <i>Uca perplexa</i> ): A Regional Dialect in Fiji. <i>ISRN Biodiversity</i> , 2013, 2013, 1-4.	0.5	0
71	Mate Preference of Female Blue Tits Varies with Experimental Photoperiod. <i>PLoS ONE</i> , 2014, 9, e92527.	1.1	13
73	<i>Drosophila</i> Pheromone-Sensing Neurons Expressing the ppk25 Ion Channel Subunit Stimulate Male Courtship and Female Receptivity. <i>PLoS Genetics</i> , 2014, 10, e1004238.	1.5	46

#	ARTICLE	IF	CITATIONS
74	The Role of Ecology in Speciation by Sexual Selection: A Systematic Empirical Review. <i>Journal of Heredity</i> , 2014, 105, 782-794.	1.0	57
75	Colourful males hold high quality territories but exhibit reduced paternal care in barn swallows. <i>Behaviour</i> , 2014, 151, 591-612.	0.4	25
76	Pathways to elaboration of sexual dimorphism in bird plumage patterns. <i>Biological Journal of the Linnean Society</i> , 2014, 111, 262-273.	0.7	18
77	Male-trait-specific variation in female mate preferences. <i>Animal Behaviour</i> , 2014, 87, 39-44.	0.8	11
78	Habitat-Dependent Species Recognition in Hybridizing Newts. <i>Evolutionary Biology</i> , 2014, 41, 71-80.	0.5	7
79	New Frontiers in Social Neuroscience. <i>Research and Perspectives in Neurosciences</i> , 2014, , .	0.4	17
80	Functions of an unreported "rocking-embrace" gesture between female Japanese Macaques ( <i>Macaca</i> ) <i>Tj ETQq0 0 0 rgBT /Overlock</i>	0.7	9
81	Finding hidden females in a crowd: Mate recognition in fig wasps. <i>Acta Oecologica</i> , 2014, 57, 80-87.	0.5	5
82	Urban Wildlife Behavior. , 2014, , 149-173.		9
83	Risks of multimodal signaling: bat predators attend to dynamic motion in frog sexual displays. <i>Journal of Experimental Biology</i> , 2014, 217, 3038-3044.	0.8	45
84	Sex differences in ventral side colouration of Alpine newts. <i>Israel Journal of Ecology and Evolution</i> , 2014, 60, 29-34.	0.2	3
85	Information-content of morphological and behavioural sexual traits in the Palmate newt ( <i>Lissotriton</i> ) <i>Tj ETQq1 1 0.784314 rgBT /Overbo</i>	0.5	5
86	Mate-guarding courtship behaviour: tactics in a changing world. <i>Animal Behaviour</i> , 2014, 97, 25-33.	0.8	31
87	Mating success is predicted by the interplay between multiple male and female traits in the small hairy maggot blowfly. <i>Animal Behaviour</i> , 2014, 97, 193-200.	0.8	15
88	Increasing sexual ornamentation during a biological invasion. <i>Behavioral Ecology</i> , 2014, 25, 916-923.	1.0	17
91	The evolution of pattern camouflage strategies in waterfowl and game birds. <i>Ecology and Evolution</i> , 2015, 5, 1981-1991.	0.8	12
92	Female signalling to male song in the domestic canary, <i>Serinus canaria</i> . <i>Royal Society Open Science</i> , 2015, 2, 140196.	1.1	33
93	Differential rates of phenotypic introgression are associated with male behavioral responses to multiple signals. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 2602-2612.	1.1	25

#	ARTICLE	IF	CITATIONS
94	Ready to Fight: Reliable Predictors of Attack in a Cooperatively Breeding, Non-€Passerine Bird. <i>Ethology</i> , 2015, 121, 1154-1165.	0.5	3
95	Signal diversification in <i>Oecanthus</i> tree crickets is shaped by energetic, morphometric, and acoustic trade-offs. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 1518-1527.	1.1	12
96	Mate Choice and Colored Beak Spots of King Penguins. <i>Ethology</i> , 2015, 121, 1048-1058.	0.5	9
97	Modality interactions alter the shape of acoustic mate preference functions in gray treefrogs. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 2384-2398.	1.1	36
98	Evolution of courtship display in Estrildid finches: dance in relation to female song and plumage ornamentation. <i>Frontiers in Ecology and Evolution</i> , 2015, 3, .	1.1	47
99	Expression of Multiple Sexual Signals by Fathers and Sons in the East-Mediterranean Barn Swallow: Are Advertising Strategies Heritable?. <i>PLoS ONE</i> , 2015, 10, e0118054.	1.1	8
100	Multiple male sexual signals and female responsiveness in the swordtail characin, <i>Corynopoma riisei</i> . <i>Environmental Biology of Fishes</i> , 2015, 98, 1731-1740.	0.4	2
101	Partner choice decision making and the integration of multiple cues. <i>Evolution and Human Behavior</i> , 2015, 36, 456-466.	1.4	17
102	Sensory modalities in cichlid fish behavior. <i>Current Opinion in Behavioral Sciences</i> , 2015, 6, 115-124.	2.0	18
103	Signal Diversity, Sexual Selection, and Speciation. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2015, 46, 573-592.	3.8	37
104	Evolution and role of the follicular epidermal gland system in non-ophidian squamates. <i>Amphibia - Reptilia</i> , 2015, 36, 185-206.	0.1	50
105	Attractive males are less than adequate dads in a multimodal signalling passerine. <i>Animal Behaviour</i> , 2015, 102, 109-117.	0.8	24
106	Current Perspectives on Sexual Selection. <i>History, Philosophy and Theory of the Life Sciences</i> , 2015, , .	0.4	10
107	Signal architecture: temporal variability and individual consistency of multiple sexually selected signals. <i>Functional Ecology</i> , 2015, 29, 1178-1188.	1.7	22
108	The complexity of male reproductive success: effects of nutrition, morphology, and experience. <i>Behavioral Ecology</i> , 2015, 26, 617-624.	1.0	24
109	Colour in a new light: a spectral perspective on the quantitative genetics of carotenoid colouration. <i>Functional Ecology</i> , 2015, 29, 96-103.	1.7	8
110	Mate preference, species recognition and multimodal communication in heterogeneous environments. <i>Evolutionary Ecology</i> , 2015, 29, 217-227.	0.5	11
111	Multimodal signalling in an antelope: fluctuating facemasks and Åknee-clicks reveal the social status of eland bulls. <i>Animal Behaviour</i> , 2015, 102, 231-239.	0.8	17

#	ARTICLE	IF	CITATIONS
112	Secondary spectral components of substrate-borne vibrational signals affect male preference. <i>Behavioural Processes</i> , 2015, 115, 53-60.	0.5	11
113	Sexiness, Individual Condition, and Species Identity: The Information Signaled by Ornaments and Assessed by Choosing Females. <i>Evolutionary Biology</i> , 2015, 42, 251-259.	0.5	40
114	Evolving from static to dynamic signals: evolutionary compensation between two communicative signals. <i>Animal Behaviour</i> , 2015, 102, 223-229.	0.8	29
115	Fish Sounds and Mate Choice. <i>Animal Signals and Communication</i> , 2015, , 1-33.	0.4	50
116	North American velvet ants form one of the world's largest known Müllerian mimicry complexes. <i>Current Biology</i> , 2015, 25, R704-R706.	1.8	56
117	Multimodal cues improve prey localization under complex environmental conditions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151403.	1.2	29
118	Substrate-Borne Vibrational Signals in Mating Communication of Macrolophus Bugs. <i>Journal of Insect Behavior</i> , 2015, 28, 482-498.	0.4	8
119	Male mate preference for female eyespan and fecundity in the stalk-eyed fly, <i>Teleopsis dalmanni</i> . <i>Behavioral Ecology</i> , 2015, 26, 376-385.	1.0	33
120	Stable correlation structure among multiple plumage colour traits: can they work as a single signal?. <i>Biological Journal of the Linnean Society</i> , 2015, 114, 92-108.	0.7	24
121	Multimodal Communication in Wolf Spiders (Lycosidae) – An Emerging Model for Study. <i>Advances in the Study of Behavior</i> , 2016, 48, 117-159.	1.0	26
122	Urban Impacts on Oxidative Balance and Animal Signals. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	1.1	22
123	How Can We Study the Evolution of Animal Minds?. <i>Frontiers in Psychology</i> , 2016, 7, 358.	1.1	39
124	Ornament size and colour as alternative strategies for effective communication in gliding lizards. <i>Journal of Evolutionary Biology</i> , 2016, 29, 1689-1700.	0.8	12
125	Horn length is not correlated with calling efforts in the horn-headed cricket <i>Loxoblemmus doenitzii</i> (Orthoptera: Gryllidae). <i>Entomological Science</i> , 2016, 19, 228-232.	0.3	4
126	Why Complex Signals Matter, Sometimes. <i>Animal Signals and Communication</i> , 2016, , 119-135.	0.4	3
127	Mix it and fix it: functions of composite olfactory signals in ring-tailed lemurs. <i>Royal Society Open Science</i> , 2016, 3, 160076.	1.1	65
128	A systems approach to animal communication. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152889.	1.2	130
129	Curse of the black spot: spotting negatively correlates with fitness in black grouse <i>Lyrurus tetrix</i> . <i>Behavioral Ecology</i> , 2016, 27, 1362-1369.	1.0	3

#	ARTICLE	IF	CITATIONS
130	Floral colour change as a potential signal to pollinators. <i>Current Opinion in Plant Biology</i> , 2016, 32, 96-100.	3.5	22
131	A conceptual framework for understanding behavioral responses to HIREC. <i>Current Opinion in Behavioral Sciences</i> , 2016, 12, 109-114.	2.0	49
132	Harsh vocal elements affect counter-singing dynamics in male rock hyrax. <i>Behavioral Ecology</i> , 2016, 27, 1397-1404.	1.0	15
133	Unpredictable environments lead to the evolution of parental neglect in birds. <i>Nature Communications</i> , 2016, 7, 10985.	5.8	87
134	Listen, follow me: Dynamic vocal signals of dominance predict emergent social rank in humans.. <i>Journal of Experimental Psychology: General</i> , 2016, 145, 536-547.	1.5	78
135	Variation in Display Behavior, Ornament Morphology, Sexual Size Dimorphism, and Habitat Structure in the Fan-Throated Lizard ( <i>Sitana</i> , Agamidae). <i>Journal of Herpetology</i> , 2016, 50, 394.	0.2	6
136	Weather matters: begging calls are temperature- and size-dependent signals of offspring state. <i>Behaviour</i> , 2016, 153, 871-896.	0.4	4
137	Male Red-backed Fairywrens appear to enhance a plumage-based signal via adventitious molt. <i>Auk</i> , 2016, 133, 338-346.	0.7	15
138	Genetic variation in male attractiveness: It is time to see the forest for the trees. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 913-921.	1.1	14
139	Should receivers follow multiple signal components? An economic perspective. <i>Behavioral Ecology</i> , 2016, 27, 36-44.	1.0	25
140	The importance of being yellow: visual over chemical cues in gender recognition in a social wasp. <i>Behavioral Ecology</i> , 2016, 27, 1182-1189.	1.0	25
141	Cross-Modal Correspondences in Non-human Mammal Communication. <i>Multisensory Research</i> , 2016, 29, 49-91.	0.6	18
142	Chemical communication in the lacertid lizard <i>Podarcis muralis</i> : the functional significance of testosterone. <i>Acta Zoologica</i> , 2017, 98, 94-103.	0.6	24
143	Assortative mating by colored ornaments in blue tits: space and time matter. <i>Ecology and Evolution</i> , 2017, 7, 2069-2078.	0.8	25
144	Flamboyant sexual signals: multiple messages for multiple receivers. <i>Animal Behaviour</i> , 2017, 127, 197-203.	0.8	20
145	Multivariate phenotypic selection on a complex sexual signal. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 1742-1754.	1.1	55
146	Multimodal signalling in estrildid finches: song, dance and colour are associated with different ecological and life history traits. <i>Journal of Evolutionary Biology</i> , 2017, 30, 1336-1346.	0.8	31
147	No need to shout: Effect of signal loudness on sibling communication in barn owls <i>Tyto alba</i> . <i>Ethology</i> , 2017, 123, 419-424.	0.5	6

#	ARTICLE	IF	CITATIONS
148	Predation on reproducing wolf spiders: access to information has differential effects on male and female survival. <i>Animal Behaviour</i> , 2017, 128, 165-173.	0.8	3
149	The relationship between plumage colouration, problem-solving and learning performance in great tits <i>Parus major</i> . <i>Journal of Avian Biology</i> , 2017, 48, 1246-1253.	0.6	5
150	Complex signals and comparative mate assessment in wolf spiders: results from multimodal playback studies. <i>Animal Behaviour</i> , 2017, 134, 283-299.	0.8	12
151	Male spider mites use chemical cues, but not the female mating interval, to choose between mates. <i>Experimental and Applied Acarology</i> , 2017, 71, 1-13.	0.7	15
152	Positive association between vocal and facial attractiveness in women but not in men: A cross-cultural study. <i>Behavioural Processes</i> , 2017, 135, 95-100.	0.5	32
153	Increased pheromone signaling by small male sea lamprey has distinct effects on female mate search and courtship. <i>Behavioral Ecology and Sociobiology</i> , 2017, 71, 1.	0.6	15
154	Females can solve the problem of low signal reliability by assessing multiple male traits. <i>Biology Letters</i> , 2017, 13, 20170386.	1.0	3
155	Macroevolutionary diversification of glands for chemical communication in squamate reptiles. <i>Scientific Reports</i> , 2017, 7, 9288.	1.6	32
156	Differences in mating behavior between two allopatric populations of a Neotropical scorpion. <i>Zoology</i> , 2017, 123, 71-78.	0.6	21
157	Novel host plant leads to the loss of sexual dimorphism in a sexually selected male weapon. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171269.	1.2	11
158	Interaction between visual and chemical cues in a <i>Liolaemus</i> lizard: a multimodal approach. <i>Zoology</i> , 2017, 125, 24-28.	0.6	20
159	Nonlinear processing of a multicomponent communication signal by combination-sensitive neurons in the anuran inferior colliculus. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2017, 203, 749-772.	0.7	11
160	Multiple cues produced by a robotic fish modulate aggressive behaviour in Siamese fighting fishes. <i>Scientific Reports</i> , 2017, 7, 4667.	1.6	57
161	Multimodal shifts in noise: switching channels to communicate through rapid environmental change. <i>Animal Behaviour</i> , 2017, 124, 325-337.	0.8	80
162	Trail-following behavior by males of the wolf spider, <i>Schizocosa ocreata</i> (Hentz). <i>Journal of Ethology</i> , 2017, 35, 29-36.	0.4	12
163	Interactions between complex multisensory signal components result in unexpected mate choice responses. <i>Animal Behaviour</i> , 2017, 134, 239-247.	0.8	30
164	What makes a multimodal signal attractive? A preference function approach. <i>Behavioral Ecology</i> , 2017, 28, 677-687.	1.0	25
165	The complexity of mating decisions in stalk-eyed flies. <i>Ecology and Evolution</i> , 2017, 7, 6659-6668.	0.8	9

#	ARTICLE	IF	CITATIONS
166	Negative interplay of tail and throat ornaments at pair formation in male barn swallows. <i>Behaviour</i> , 2017, 154, 835-851.	0.4	5
167	1999 Multimodal Communication. , 2017, , 223-224.		0
168	The golden mimicry complex uses a wide spectrum of defence to deter a community of predators. <i>ELife</i> , 2017, 6, .	2.8	36
169	Dynamic changes in display architecture and function across environments revealed by a systems approach to animal communication*. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 1134-1145.	1.1	27
170	The influence of developmental environment on courtship song in cactophilic <i>Drosophila</i> . <i>Journal of Evolutionary Biology</i> , 2018, 31, 957-967.	0.8	5
171	Multiple signaling in a variable environment: expression of song and color traits as a function of ambient sound and light. <i>Biotropica</i> , 2018, 50, 531-540.	0.8	5
172	The evolution of sexual signal modes and associated sensor morphology in fireflies (Lampyridae.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5</i>	1.2	32
173	Emergence of Communication in Socio-Biological Networks. <i>Computational Social Sciences</i> , 2018, , .	0.4	2
174	Ventral colour, not tail streamer length, is associated with seasonal reproductive performance in a Chinese population of Barn Swallows ( <i>Hirundo rustica gutturalis</i> ). <i>Journal of Ornithology</i> , 2018, 159, 675-685.	0.5	11
175	Integrating multiple disciplines to understand effects of anthropogenic noise on animal communication. <i>Ecosphere</i> , 2018, 9, e02127.	1.0	33
176	Insight into the neuroendocrine basis of signal evolution: a case study in foot-flagging frogs. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2018, 204, 61-70.	0.7	10
177	Beauty alone is insufficient: female mate choice in the barn swallow. <i>Ecological Research</i> , 2018, 33, 3-16.	0.7	14
178	Nonlocal Hyperbolic Models in 1D. <i>Lecture Notes in Mathematics</i> , 2018, , 107-151.	0.1	0
179	Multimodal motherâ€“offspring recognition: the relative importance of sensory cues in a colonial mammal. <i>Animal Behaviour</i> , 2018, 146, 135-142.	0.8	28
180	Temperature alters multimodal signaling and mating success in an ectotherm. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	0.6	31
181	Male competition drives song divergence along an ecological gradient in an avian ring species. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 2360-2377.	1.1	12
182	Evaluation and hedonic value in mate choice. <i>Environmental Epigenetics</i> , 2018, 64, 485-492.	0.9	21
183	Noise Affects Multimodal Communication During Courtship in a Marine Fish. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	1.1	35

#	ARTICLE	IF	CITATIONS
184	The role of red coloration and song in peacock spider courtship: insights into complex signaling systems. <i>Behavioral Ecology</i> , 0, , .	1.0	10
185	Do male sticklebacks use visual and/or olfactory cues to assess a potential mate's history with predation risk?. <i>Animal Behaviour</i> , 2018, 145, 151-159.	0.8	12
186	Lateralization influences contest behaviour in domestic pigs. <i>Scientific Reports</i> , 2018, 8, 12116.	1.6	19
187	Sexual selection on the multicomponent display of black morph male <i>Girardinus metallicus</i> (Pisces: Tj ETQq1 1 0.784314 rgBT /Overled	0.5	0
188	The fractal dimension of a conspicuous ornament varies with mating status and shows assortative mating in wild red-legged partridges ( <i>Alectoris rufa</i> ). <i>Die Naturwissenschaften</i> , 2018, 105, 45.	0.6	3
189	Why Do Males Use Multiple Signals? Insights From Measuring Wild Male Behavior Over Lifespans. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	1.1	11
190	The role of complex cues in social and reproductive plasticity. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 124.	0.6	30
191	Visual cues do not enhance sea lion pups' response to multimodal maternal cues. <i>Scientific Reports</i> , 2018, 8, 9845.	1.6	10
192	Nonlinear changes in selection on a mating display across a continuous thermal gradient. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191450.	1.2	21
193	Conspecific olfactory preferences and interspecific divergence in odor cues in a chickadee hybrid zone. <i>Ecology and Evolution</i> , 2019, 9, 9671-9683.	0.8	21
194	The Evolutionary Importance of Cues in Protective Mimicry. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	4
195	Male and female preferences for nest characteristics under paternal care. <i>Ecology and Evolution</i> , 2019, 9, 7780-7791.	0.8	8
196	Male courtship signal modality and female mate preference in the wolf spider <i>Schizocosa ocreata</i> : results of digital multimodal playback studies. <i>Environmental Epigenetics</i> , 2019, 65, 705-711.	0.9	12
197	Vocal Parameters of Speech and Singing Covary and Are Related to Vocal Attractiveness, Body Measures, and Sociosexuality: A Cross-Cultural Study. <i>Frontiers in Psychology</i> , 2019, 10, 2029.	1.1	22
198	Feeling the heat: Extreme temperatures compromise constitutive innate humoral immunity and skin color in a desert dwelling lizard. <i>Journal of Thermal Biology</i> , 2019, 83, 142-149.	1.1	4
199	Evolution and function of multimodal courtship displays. <i>Ethology</i> , 2019, 125, 503-515.	0.5	86
200	Evolutionary Theories and Men's Preferences for Women's Waist-to-Hip Ratio: Which Hypotheses Remain? A Systematic Review. <i>Frontiers in Psychology</i> , 2019, 10, 1221.	1.1	24
201	Evolution of short tails and breakdown of honest signaling system during a severe winter in the Pacific swallow <i>Hirundo tahitica</i> . <i>Evolutionary Ecology</i> , 2019, 33, 403-416.	0.5	5

#	ARTICLE	IF	CITATIONS
202	Physical linkage and mate preference generate linkage disequilibrium for behavioral isolation in two parapatric crickets. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 777-791.	1.1	7
203	Me against who? Male guppies adjust mating behaviour according to their rival's presence and attractiveness. <i>Ethology</i> , 2019, 125, 399-408.	0.5	3
204	Cuticular hydrocarbon composition does not allow <i>Harmonia axyridis</i> males to identify the mating status of sexual partners. <i>Entomologia Generalis</i> , 2019, 38, 211-224.	1.1	8
205	Environmental heterogeneity alters mate choice behavior for multimodal signals. <i>Behavioral Ecology and Sociobiology</i> , 2019, 73, 1.	0.6	12
206	Content, cost, and context: A framework for understanding human signaling systems. <i>Evolutionary Anthropology</i> , 2019, 28, 86-99.	1.7	39
207	Mate choice in a changing world. <i>Biological Reviews</i> , 2019, 94, 1246-1260.	4.7	52
208	Multimodal Signaling. , 2019, , 487-499.		8
209	Behavioural responses in a congested sea: an observational study on a coastal nest-guarding fish. , 2019, 86, 504-518.		3
210	Selection on multiple sexual signals in two Central and Eastern European populations of the barn swallow. <i>Ecology and Evolution</i> , 2019, 9, 11277-11287.	0.8	7
211	A mismatch between signal transmission efficacy and mating success calls into question the function of complex signals. <i>Animal Behaviour</i> , 2019, 158, 77-88.	0.8	13
212	Biotremology: Studying Vibrational Behavior. <i>Animal Signals and Communication</i> , 2019, , .	0.4	32
213	Mismatch in receiver responses to multimodal signals in a diurnal gecko. <i>Animal Behaviour</i> , 2019, 147, 115-123.	0.8	10
214	Income and capital breeding in males: energetic and physiological limitations on male mating strategies. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	23
215	Hemipenes eversion behavior: a new form of communication in two <i>Liolaemus</i> lizards (Iguania): Tj ETQq1 1 0.784314 rgBT /Overlock 10 0.4 6		
216	Voice pitch: a window into the communication of social power. <i>Current Opinion in Psychology</i> , 2020, 33, 154-161.	2.5	73
217	Flies Exploit Predictable Perspectives and Backgrounds to Enhance Iridescent Signal Salience and Mating Success. <i>American Naturalist</i> , 2020, 195, 733-742.	1.0	20
218	The functions of multiple visual signals in a fiddler crab. <i>Ethology</i> , 2020, 126, 455-462.	0.5	5
219	Coordinating attention requires coordinated senses. <i>Psychonomic Bulletin and Review</i> , 2020, 27, 1126-1138.	1.4	11

#	ARTICLE	IF	CITATIONS
220	How Do Living Systems Create Meaning?. <i>Philosophies</i> , 2020, 5, 36.	0.4	20
221	Multiple signals predict male mating success in the lek-mating lesser prairie-chicken ( <i>Tympanuchus</i> ) Tj ETQq1 1 0.784314 rgBT /Overl	0.6	5
222	Complex signals alter recognition accuracy and conspecific acceptance thresholds. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190482.	1.8	12
223	Multiple sensory modalities in diurnal geckos is associated with the signalling environment and evolutionary constraints. <i>Integrative Organismal Biology</i> , 2020, 2, obaa027.	0.9	8
224	A review of conspecific attraction for habitat selection across taxa. <i>Ecology and Evolution</i> , 2020, 10, 12690-12699.	0.8	22
225	Non-Vocal Behaviors Are More Frequent During the Decisive Negotiation Phases in Barn Owl Siblings. <i>Animals</i> , 2020, 10, 1777.	1.0	0
226	Chemical blindness in <i>Liolaemus</i> lizards is counterbalanced by visual signals, the case of two species with different communication modalities. <i>Amphibia - Reptilia</i> , 2020, 41, 323-336.	0.1	5
227	Analysis of female song provides insight into the evolution of sex differences in a widely studied songbird. <i>Animal Behaviour</i> , 2020, 168, 69-82.	0.8	13
228	Structural manipulations of a shelter resource reveal underlying preference functions in a shell-dwelling cichlid fish. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200127.	1.2	15
229	Calling amplitude flexibility and acoustic spacing in the territorial frog <i>Allobates femoralis</i> . <i>Behavioral Ecology and Sociobiology</i> , 2020, 74, 1.	0.6	5
230	Predicting the effects of anthropogenic noise on fish reproduction. <i>Reviews in Fish Biology and Fisheries</i> , 2020, 30, 245-268.	2.4	54
231	Coding Strategies in Vertebrate Acoustic Communication. <i>Animal Signals and Communication</i> , 2020, , .	0.4	13
232	Full spectra coloration and condition-dependent signaling in a skin-based carotenoid sexual ornament. <i>Behavioral Ecology</i> , 2020, 31, 834-843.	1.0	3
233	Combined cues of male competition influence spermatozoal investment in a moth. <i>Functional Ecology</i> , 2020, 34, 1223-1234.	1.7	8
234	Complex courtship in the <i>Habronattus clypeatus</i> group (Araneae: Salticidae). <i>Journal of Arachnology</i> , 2021, 48, .	0.3	2
235	Morphological and behavioral traits associated with myrmecomorphy in <i>Sarinda marcosi</i> Piza, 1937 (Araneae: Salticidae: Sarindini). <i>Journal of Arachnology</i> , 2021, 48, .	0.3	2
236	Composition and compound proportions affect the response to complex chemical signals in a spiny lizard. <i>Behavioral Ecology and Sociobiology</i> , 2021, 75, 1.	0.6	11
237	Does the addition of a new signalling trait enhance receiver responses in diurnal geckos?. <i>Behavioural Processes</i> , 2021, 184, 104322.	0.5	4

#	ARTICLE	IF	CITATIONS
238	Androgen Receptor Modulates Multimodal Displays in the Bornean Rock Frog ( <i>Sturoides</i> )	0.9	10
239	Anticipated effects of abiotic environmental change on intraspecific social interactions. <i>Biological Reviews</i> , 2021, 96, 2661-2693.	4.7	35
240	How king penguins advertise their sexual maturity. <i>Animal Behaviour</i> , 2021, 177, 253-267.	0.8	1
241	Mutual mate preferences and assortative mating in relation to a carotenoid-based color trait in blue tits. <i>Behavioral Ecology</i> , 2021, 32, 1171-1182.	1.0	7
242	Unraveling the content of tail displays in an Asian agamid lizard. <i>Behavioral Ecology and Sociobiology</i> , 2021, 75, 1.	0.6	3
243	Mechanisms of multimodality: androgenic hormones and adaptive flexibility in multimodal displays. <i>Animal Behaviour</i> , 2022, 184, 149-156.	0.8	4
244	Multimodal pair-bond maintenance: A review of signaling across modalities in pair-bonded nonhuman primates. <i>American Journal of Primatology</i> , 2020, 82, e23105.	0.8	22
245	Fitness consequences of redundant cues of competition in male <i>Drosophila melanogaster</i> . <i>Ecology and Evolution</i> , 2020, 10, 5517-5526.	0.8	7
246	Multisensory Recognition in Vertebrates (Especially Primates). , 2013, , 3-27.		4
248	Preference, Rationality and Interindividual Variation: The Persisting Debate About Female Choice. <i>History, Philosophy and Theory of the Life Sciences</i> , 2015, , 191-209.	0.4	1
249	Complex interactions between temperature, sexual signals and mate choice in a desert-dwelling jumping spider. <i>Animal Behaviour</i> , 2020, 170, 81-87.	0.8	17
251	Volatile fatty acid and aldehyde abundances evolve with behavior and habitat temperature in <i>Sceloporus</i> lizards. <i>Behavioral Ecology</i> , 2020, 31, 978-991.	1.0	21
254	Attention-Seeking Displays. <i>PLoS ONE</i> , 2015, 10, e0135379.	1.1	8
255	The role of courtship song in female mate choice in South American Cactophilic <i>Drosophila</i> . <i>PLoS ONE</i> , 2017, 12, e0176119.	1.1	19
256	The dark ventral patch: A bimodal flexible trait related to male competition in red deer. <i>PLoS ONE</i> , 2020, 15, e0241374.	1.1	6
257	Temporal variation in acoustic and visual signalling as a function of stream background noise in the Bornean foot-flagging frog, <i>Sturoides parvus</i> . <i>Journal of Ecoacoustics</i> , 2017, 1, 1-1.	1.5	16
258	Sight or smell? Behavioural and heart rate responses in subordinate rainbow trout exposed to cues from dominant fish. <i>PeerJ</i> , 2015, 3, e1169.	0.9	11
259	Lizards as models to explore the ecological and neuroanatomical correlates of miniaturization. <i>Behaviour</i> , 2021, 158, 1121-1168.	0.4	6

#	ARTICLE	IF	CITATIONS
260	Acoustic signal dominance in the multimodal communication of a nocturnal mammal. <i>Environmental Epigenetics</i> , 0, , .	0.9	3
261	The Importance of Acoustic Signals in Multimodal Courtship Behavior in <i>Drosophila virilis</i> , <i>D. lummei</i> and <i>D. littoralis</i> . <i>Journal of Insect Behavior</i> , 2021, 34, 280-295.	0.4	2
262	Visual Signaling in the Semi-Fossorial Lizard <i>Pholidobolus montium</i> (Gymnophthalmidae). <i>Animals</i> , 2021, 11, 3022.	1.0	0
263	Sozialsysteme. Springer-Lehrbuch, 2012, , 518-613.	0.1	0
264	Social Neuroscience and the Study of Animal Communication. <i>Research and Perspectives in Neurosciences</i> , 2014, , 33-40.	0.4	0
265	Sozialsysteme. , 2017, , 518-613.		0
266	Constructed Language Versus Bio-chemical Communication: An Agent-Based Model and Applications. <i>Computational Social Sciences</i> , 2018, , 31-49.	0.4	0
267	Social Versus Biological Language: The Emergence of Grammar and Meaning. <i>Computational Social Sciences</i> , 2018, , 63-67.	0.4	0
269	Shaking It Up in the Classroom: Coupling Biotremology and Active Learning Pedagogy to Promote Authentic Discovery. <i>Animal Signals and Communication</i> , 2019, , 439-478.	0.4	2
271	A novel epidermal gland type in lizards (±gland): structural organization, histochemistry, protein profile and phylogenetic origins. <i>Zoological Journal of the Linnean Society</i> , 2021, 192, 1137-1166.	1.0	2
272	A Framework to Understand Interspecific Multimodal Signaling Systems. <i>Animal Signals and Communication</i> , 2020, , 315-325.	0.4	0
278	Long-range hydrodynamic communication among synthetic self-propelled micromotors. <i>Cell Reports Physical Science</i> , 2022, 3, 100739.	2.8	8
280	The effects of environmental light on the role of male chemotactile cues in wolf spider mating interactions. <i>Behavioral Ecology and Sociobiology</i> , 2022, 76, 1.	0.6	2
281	How signals interact in multimodal displays: Insights from a robotic frog. <i>Journal of Animal Ecology</i> , 2022, 91, 696-700.	1.3	0
299	Functional Integration of Multiple Sexual Ornaments: Signal Coherence and Sexual Selection. <i>American Naturalist</i> , 2022, 200, 486-505.	1.0	3
300	Parasite defensive limb movements enhance acoustic signal attraction in male little torrent frogs. <i>ELife</i> , 2022, 11, .	2.8	3
302	Increased signal complexity is associated with increased mating success. <i>Biology Letters</i> , 2022, 18, 20220052.	1.0	12
303	Male mating success evolves in response to increased levels of male-male competition. <i>Evolution; International Journal of Organic Evolution</i> , 0, , .	1.1	0

#	ARTICLE	IF	CITATIONS
304	Vocal sacs do not function in multimodal mate attraction under nocturnal illumination in Cope's grey treefrog. <i>Animal Behaviour</i> , 2022, , .	0.8	3
306	Infection influences vibratory signal components in a wolf spider. <i>Ethology</i> , 0, , .	0.5	0
307	Environmental conditions and male quality traits simultaneously explain variation of multiple colour signals in male lizards. <i>Journal of Animal Ecology</i> , 2022, 91, 1906-1917.	1.3	6
308	Aggression and multi-modal signaling in noise in a common urban songbird. <i>Behavioral Ecology and Sociobiology</i> , 2022, 76, .	0.6	3
309	A synthesis of deimatic behaviour. <i>Biological Reviews</i> , 2022, 97, 2237-2267.	4.7	23
311	Breeding biology of the White-throated Kingfisher <i>Halcyon smyrnensis smyrnensis</i> , with emphasis on color and vocalization. <i>Journal of Ornithology</i> , 2023, 164, 151-161.	0.5	1
312	Higher ultraviolet skin reflectance signals submissiveness in the anemonefish, <i>Amphiprion akindynos</i> . <i>Behavioral Ecology</i> , 2023, 34, 19-32.	1.0	6
313	Production of multimodal signals to assert social dominance in white-lipped peccary ( <i>Tayassu pecari</i> ). <i>PLoS ONE</i> , 2023, 18, e0280728.	1.1	1
314	The evolution of behavioral cues and signaling in displaced communication. <i>PLoS Computational Biology</i> , 2023, 19, e1010487.	1.5	0
315	Dancing in Singing Songbirds: Choreography in Java Sparrows. , 2023, , 95-111.		0