

Andrew Sih

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/555768/publications.pdf>

Version: 2024-02-01

251
papers

33,538
citations

4960

84
h-index

4117

175
g-index

264
all docs

264
docs citations

264
times ranked

18194
citing authors

#	ARTICLE	IF	CITATIONS
1	Behavioral syndromes: an ecological and evolutionary overview. Trends in Ecology and Evolution, 2004, 19, 372-378.	8.7	2,655
2	Costs and limits of phenotypic plasticity. Trends in Ecology and Evolution, 1998, 13, 77-81.	8.7	1,852
3	Behavioral Syndromes: An Integrative Overview. Quarterly Review of Biology, 2004, 79, 241-277.	0.1	1,627
4	Emergent impacts of multiple predators on prey. Trends in Ecology and Evolution, 1998, 13, 350-355.	8.7	1,097
5	Predation, Competition, and Prey Communities: A Review of Field Experiments. Annual Review of Ecology, Evolution, and Systematics, 1985, 16, 269-311.	6.7	968
6	Evolution and behavioural responses to human-induced rapid environmental change. Evolutionary Applications, 2011, 4, 367-387.	3.1	892
7	Optimal Behavior: Can Foragers Balance Two Conflicting Demands?. Science, 1980, 210, 1041-1043.	12.6	784
8	Ecological implications of behavioural syndromes. Ecology Letters, 2012, 15, 278-289.	6.4	705
9	Exposure to predation generates personality in threespined sticklebacks (<i>Gasterosteus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	6.4	621
10	Predator-prey na~vet~©, antipredator behavior, and the ecology of predator invasions. Oikos, 2010, 119, 610-621.	2.7	561
11	Linking behavioural syndromes and cognition: a behavioural ecology perspective. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 2762-2772.	4.0	536
12	Chapter 5 Insights for Behavioral Ecology from Behavioral Syndromes. Advances in the Study of Behavior, 2008, 38, 227-281.	1.6	502
13	Personality-dependent dispersal: characterization, ontogeny and consequences for spatially structured populations. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 4065-4076.	4.0	502
14	Animal personality and state~behaviour feedbacks: a review and guide for empiricists. Trends in Ecology and Evolution, 2015, 30, 50-60.	8.7	472
15	Prey Uncertainty and the Balancing of Antipredator and Feeding Needs. American Naturalist, 1992, 139, 1052-1069.	2.1	466
16	Optimal diet theory: when does it work, and when and why does it fail?. Animal Behaviour, 2001, 61, 379-390.	1.9	426
17	Understanding variation in behavioural responses to human-induced rapid environmental change: a conceptual overview. Animal Behaviour, 2013, 85, 1077-1088.	1.9	422
18	Sexual conflict and the evolutionary ecology of mating patterns: water striders as a model system. Trends in Ecology and Evolution, 1994, 9, 289-293.	8.7	416

#	ARTICLE	IF	CITATIONS
19	Behavioural syndromes in fishes: a review with implications for ecology and fisheries management. <i>Journal of Fish Biology</i> , 2011, 78, 395-435.	1.6	399
20	Antipredator Defenses and the Persistence of Amphibian Larvae With Fishes. <i>Ecology</i> , 1988, 69, 1865-1870.	3.2	396
21	Foraging Strategies and the Avoidance of Predation by an Aquatic Insect, <i>Notonecta Hoffmanni</i> . <i>Ecology</i> , 1982, 63, 786-796.	3.2	393
22	Personality traits and dispersal tendency in the invasive mosquitofish (<i>Gambusia affinis</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 1571-1579.	2.6	382
23	Patch Size, Pollinator Behavior, and Pollinator Limitation in Catnip. <i>Ecology</i> , 1987, 68, 1679-1690.	3.2	359
24	Ecological novelty and the emergence of evolutionary traps. <i>Trends in Ecology and Evolution</i> , 2013, 28, 552-560.	8.7	349
25	Predator-prey interactions among fish and larval amphibians: use of chemical cues to detect predatory fish. <i>Animal Behaviour</i> , 1987, 35, 420-425.	1.9	329
26	Risk, resources and state-dependent adaptive behavioural syndromes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 3977-3990.	4.0	325
27	Social network theory: new insights and issues for behavioral ecologists. <i>Behavioral Ecology and Sociobiology</i> , 2009, 63, 975-988.	1.4	316
28	Prey refuges and predator-prey stability. <i>Theoretical Population Biology</i> , 1987, 31, 1-12.	1.1	301
29	Antipredator Responses and the Perception of Danger by Mosquito Larvae. <i>Ecology</i> , 1986, 67, 434-441.	3.2	297
30	The contribution of additive genetic variation to personality variation: heritability of personality. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142201.	2.6	287
31	What's your move? Movement as a link between personality and spatial dynamics in animal populations. <i>Ecology Letters</i> , 2017, 20, 3-18.	6.4	287
32	Behavioural correlations across situations and the evolution of antipredator behaviour in a sunfish-salamander system. <i>Animal Behaviour</i> , 2003, 65, 29-44.	1.9	282
33	The mix matters: behavioural types and group dynamics in water striders. <i>Behaviour</i> , 2005, 142, 1417-1431.	0.8	276
34	Behavioural syndromes and social insects: personality at multiple levels. <i>Biological Reviews</i> , 2014, 89, 48-67.	10.4	268
35	Community ecology as a framework for predicting contaminant effects. <i>Trends in Ecology and Evolution</i> , 2006, 21, 606-613.	8.7	261
36	Precopulatory sexual cannibalism in fishing spiders (<i>Dolomedes triton</i>): a role for behavioral syndromes. <i>Behavioral Ecology and Sociobiology</i> , 2005, 58, 390-396.	1.4	259

#	ARTICLE	IF	CITATIONS
37	The Behavioral Response Race Between Predator and Prey. <i>American Naturalist</i> , 1984, 123, 143-150.	2.1	251
38	The paradox of risk allocation: a review and prospectus. <i>Animal Behaviour</i> , 2009, 78, 579-585.	1.9	250
39	Trait compensation and cospecialization in a freshwater snail: size, shape and antipredator behaviour. <i>Animal Behaviour</i> , 1999, 58, 397-407.	1.9	245
40	Evolutionary principles and their practical application. <i>Evolutionary Applications</i> , 2011, 4, 159-183.	3.1	230
41	An Experimental Study on the Effects of Predation Risk and Feeding Regime on the Mating Behavior of the Water Strider. <i>American Naturalist</i> , 1990, 135, 284-290.	2.1	228
42	Mate Density, Predation Risk, and the Seasonal Sequence of Mate Choices: A Dynamic Game. <i>American Naturalist</i> , 1991, 137, 567-596.	2.1	205
43	Delayed Hatching of Salamander Eggs in Response to Enhanced Larval Predation Risk. <i>American Naturalist</i> , 1993, 142, 947-960.	2.1	205
44	Environmental Tolerance, Heterogeneity, and the Evolution of Reversible Plastic Responses. <i>American Naturalist</i> , 2005, 166, 339-353.	2.1	202
45	Dispersal Behavior, Boldness, and the Link to Invasiveness: A Comparison of Four <i>Gambusia</i> Species. <i>Biological Invasions</i> , 2004, 6, 379-391.	2.4	200
46	Direct and indirect effects of chemical contaminants on the behaviour, ecology and evolution of wildlife. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181297.	2.6	195
47	Temporal dynamics and network analysis. <i>Methods in Ecology and Evolution</i> , 2012, 3, 958-972.	5.2	194
48	THE INFLUENCE OF INTRAGUILD PREDATION ON PREY SUPPRESSION AND PREY RELEASE: A META-ANALYSIS. <i>Ecology</i> , 2007, 88, 2689-2696.	3.2	192
49	Effects of Predatory Sunfish on the Density, Drift, and Refuge Use of Stream Salamander Larvae. <i>Ecology</i> , 1992, 73, 1418-1430.	3.2	177
50	The keystone individual concept: an ecological and evolutionary overview. <i>Animal Behaviour</i> , 2014, 89, 53-62.	1.9	174
51	New insights on how temporal variation in predation risk shapes prey behavior. <i>Trends in Ecology and Evolution</i> , 2000, 15, 3-4.	8.7	167
52	To hide or not to hide? Refuge use in a fluctuating environment. <i>Trends in Ecology and Evolution</i> , 1997, 12, 375-376.	8.7	166
53	Prey responses to pulses of risk and safety: testing the risk allocation hypothesis. <i>Animal Behaviour</i> , 2002, 63, 437-443.	1.9	166
54	The Dynamics of Prey Refuge Use: A Model and Tests with Sunfish and Salamander Larvae. <i>American Naturalist</i> , 1988, 132, 463-483.	2.1	163

#	ARTICLE	IF	CITATIONS
55	Intragenetic variation in antipredator responses of coral reef fishes affected by ocean acidification: implications for climate change projections on marine communities. <i>Global Change Biology</i> , 2011, 17, 2980-2986.	9.5	161
56	Fear, food, sex and parental care: a syndrome of boldness in the fishing spider, <i>Dolomedes triton</i> . <i>Animal Behaviour</i> , 2007, 74, 1131-1138.	1.9	155
57	Differences in aggression, activity and boldness between native and introduced populations of an invasive crayfish. <i>Oikos</i> , 2008, 117, 1629-1636.	2.7	153
58	Optimal Foraging: Partial Consumption of Prey. <i>American Naturalist</i> , 1980, 116, 281-290.	2.1	152
59	Two stressors are far deadlier than one. <i>Trends in Ecology and Evolution</i> , 2004, 19, 274-276.	8.7	152
60	Personality-dependent dispersal in the invasive mosquitofish: group composition matters. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 1670-1678.	2.6	147
61	Predation risk and the evolutionary ecology of reproductive behaviour. <i>Journal of Fish Biology</i> , 1994, 45, 111-130.	1.6	146
62	Prey Behavior, Prey Dispersal, and Predator Impacts on Stream Prey. <i>Ecology</i> , 1994, 75, 1199-1207.	3.2	146
63	Ecosystem Function and Services of Aquatic Predators in the Anthropocene. <i>Trends in Ecology and Evolution</i> , 2019, 34, 369-383.	8.7	143
64	Experimental studies on water strider mating dynamics: spatial variation in density and sex ratio. <i>Behavioral Ecology and Sociobiology</i> , 1993, 33, 107.	1.4	141
65	Assortative mating by size: A meta-analysis of mating patterns in water striders. <i>Evolutionary Ecology</i> , 1996, 10, 265-284.	1.2	135
66	Social Personality Polymorphism and the Spread of Invasive Species: A Model. <i>American Naturalist</i> , 2011, 177, 273-287.	2.1	135
67	A Review of the Drift and Activity Responses of Stream Prey to Predator Presence. <i>Oikos</i> , 1995, 73, 3.	2.7	126
68	LETHAL AND SUBLETHAL EFFECTS OF ATRAZINE, CARBARYL, ENDOSULFAN, AND OCTYLPHENOL ON THE STREAMSIDE SALAMANDER (<i>AMBYSTOMA BARBOURI</i>). <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 2385.	4.3	124
69	Social Information Links Individual Behavior to Population and Community Dynamics. <i>Trends in Ecology and Evolution</i> , 2018, 33, 535-548.	8.7	122
70	Experimental studies on direct and indirect interactions in a three trophic-level stream system. <i>Oecologia</i> , 1991, 85, 530-536.	2.0	113
71	Predation risk, food deprivation and non-random mating by size in the stream water strider, <i>Aquarius remigis</i> . <i>Behavioral Ecology and Sociobiology</i> , 1992, 31, 51-56.	1.4	113
72	Habitat loss: ecological, evolutionary and genetic consequences. <i>Trends in Ecology and Evolution</i> , 2000, 15, 132-134.	8.7	113

#	ARTICLE	IF	CITATIONS
73	Effects of Ocean Acidification on Learning in Coral Reef Fishes. PLoS ONE, 2012, 7, e31478.	2.5	111
74	Path analysis and the relative importance of male–female conflict, female choice and male–male competition in water striders. Animal Behaviour, 2002, 63, 1079-1089.	1.9	110
75	MULTIPLE STRESSORS AND SALAMANDERS: EFFECTS OF AN HERBICIDE, FOOD LIMITATION, AND HYDROPERIOD. , 2004, 14, 1028-1040.		108
76	Transgenerational Plasticity in Human-Altered Environments. Trends in Ecology and Evolution, 2020, 35, 115-124.	8.7	105
77	Behavior as a Key Component of Integrative Biology in a Human-altered World. Integrative and Comparative Biology, 2010, 50, 934-944.	2.0	103
78	Socially interacting or indifferent neighbours? Randomization of movement paths to tease apart social preference and spatial constraints. Methods in Ecology and Evolution, 2016, 7, 971-979.	5.2	102
79	Behavioral Types of Predator and Prey Jointly Determine Prey Survival: Potential Implications for the Maintenance of Within-Species Behavioral Variation. American Naturalist, 2012, 179, 217-227.	2.1	101
80	Experimental Studies on Behaviorally Mediated, Indirect Interactions through a Shared Predator. Ecology, 1990, 71, 1515-1522.	3.2	100
81	Genomic tools for behavioural ecologists to understand repeatable individual differences in behaviour. Nature Ecology and Evolution, 2018, 2, 944-955.	7.8	97
82	PREDATOR AND PREY SPACE USE: DRAGONFLIES AND TADPOLES IN AN INTERACTIVE GAME. Ecology, 2007, 88, 1525-1535.	3.2	95
83	Effects of early stress on behavioral syndromes: An integrated adaptive perspective. Neuroscience and Biobehavioral Reviews, 2011, 35, 1452-1465.	6.1	92
84	Behavioral correlations provide a mechanism for explaining high invader densities and increased impacts on native prey. Ecology, 2009, 90, 581-587.	3.2	91
85	Interacting effects of predation risk and male and female density on male/female conflicts and mating dynamics of stream water striders. Behavioral Ecology, 1995, 6, 316-325.	2.2	89
86	Personality-dependent dispersal cancelled under predation risk. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20132349.	2.6	89
87	Optimal Behavior and Density-Dependent Predation. American Naturalist, 1984, 123, 314-326.	2.1	89
88	Foraging behaviour and invasiveness: do invasive <i>Gambusia</i> exhibit higher feeding rates and broader diets than their noninvasive relatives?. Ecology of Freshwater Fish, 2005, 14, 352-360.	1.4	87
89	Oviposition Site Selection and Avoidance of Fish by Streamside Salamanders (<i>Ambystoma barbouri</i>). Copeia, 1992, 1992, 468.	1.3	86
90	Environment modulates population social structure: experimental evidence from replicated social networks of wild lizards. Animal Behaviour, 2016, 111, 23-31.	1.9	86

#	ARTICLE	IF	CITATIONS
91	GENE FLOW AND INEFFECTIVE ANTIPREDATOR BEHAVIOR IN A STREAM-BREEDING SALAMANDER. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 558-565.	2.3	84
92	CONSUMPTIVE AND NONCONSUMPTIVE EFFECTS OF PREDATORS ON METACOMMUNITIES OF COMPETING PREY. <i>Ecology</i> , 2008, 89, 2426-2435.	3.2	83
93	Environmental Instability, Competition, and Density-Dependent Growth and Survivorship of a Stream-Dwelling Salamander. <i>Ecology</i> , 1986, 67, 729-736.	3.2	82
94	Fishing spiders, green sunfish, and a stream-dwelling water strider: male-female conflict and prey responses to single versus multiple predator environments. <i>Oecologia</i> , 1998, 117, 258-265.	2.0	82
95	Individual sociability and choosiness between shoal types. <i>Animal Behaviour</i> , 2012, 83, 1469-1476.	1.9	82
96	Predicting novel herbivore-plant interactions. <i>Oikos</i> , 2013, 122, 1554-1564.	2.7	81
97	Behavioural responses to human-induced change: Why fishing should not be ignored. <i>Evolutionary Applications</i> , 2017, 10, 231-240.	3.1	81
98	Incorporating evolutionary principles into environmental management and policy. <i>Evolutionary Applications</i> , 2011, 4, 315-325.	3.1	80
99	Optimal Patch Use: Variation in Selective Pressure for Efficient Foraging. <i>American Naturalist</i> , 1982, 120, 666-685.	2.1	75
100	Delayed Hatching as a Response of Streamside Salamander Eggs to Chemical Cues from Predatory Sunfish. <i>Oikos</i> , 1996, 77, 331.	2.7	74
101	When the going gets tough: behavioural type-dependent space use in the sleepy lizard changes as the season dries. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151768.	2.6	74
102	Gene Flow and Ineffective Antipredator Behavior in a Stream-Breeding Salamander. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 558.	2.3	71
103	Male density, female density and inter-sexual conflict in a stream-dwelling insect. <i>Animal Behaviour</i> , 1996, 52, 929-939.	1.9	68
104	Differences in growth and foraging behavior of native and introduced populations of an invasive crayfish. <i>Biological Invasions</i> , 2009, 11, 1895-1902.	2.4	65
105	The effects of predators on habitat use, activity and mating behaviour of a semi-aquatic bug. <i>Animal Behaviour</i> , 1988, 36, 1846-1848.	1.9	62
106	Use of Substitute Species in Conservation Biology. <i>Conservation Biology</i> , 2005, 19, 1821-1826.	4.7	62
107	Developmental plasticity in vision and behavior may help guppies overcome increased turbidity. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2015, 201, 1125-1135.	1.6	61
108	Behavioral responses to a novel predator and competitor of invasive mosquitofish and their non-invasive relatives (<i>Gambusia</i> sp.). <i>Behavioral Ecology and Sociobiology</i> , 2005, 57, 256-266.	1.4	60

#	ARTICLE	IF	CITATIONS
109	Integrating social networks, animal personalities, movement ecology and parasites: a framework with examples from a lizard. <i>Animal Behaviour</i> , 2018, 136, 195-205.	1.9	59
110	Interacting Effects of Predator and Prey Behavior in Determining Diets. , 1990, , 771-796.		58
111	Evolution of animal personalities. <i>Nature</i> , 2007, 450, E5-E5.	27.8	57
112	Age-Dependent Interference in a Predatory Insect. <i>Journal of Animal Ecology</i> , 1978, 47, 581.	2.8	56
113	Effects of behavioural type, social skill and the social environment on male mating success in water striders. <i>Animal Behaviour</i> , 2014, 94, 9-17.	1.9	56
114	Color change and color-dependent behavior in response to predation risk in the salamander sister species <i>Ambystoma barbouri</i> and <i>Ambystoma texanum</i> . <i>Oecologia</i> , 2003, 137, 131-139.	2.0	55
115	Effects of refuge availability on the responses of salamander larvae to chemical cues from predatory green sunfish. <i>Animal Behaviour</i> , 1991, 42, 330-332.	1.9	54
116	Effects of turbidity and an invasive waterweed on predation by introduced largemouth bass. <i>Environmental Biology of Fishes</i> , 2014, 97, 79-90.	1.0	53
117	Opportunities for behavioral rescue under rapid environmental change. <i>Global Change Biology</i> , 2019, 25, 3110-3120.	9.5	53
118	A framework and standardized terminology to facilitate the study of predation risk effects. <i>Ecology</i> , 2020, 101, e03152.	3.2	52
119	Evolution, Predator Avoidance, and Unsuccessful Predation. <i>American Naturalist</i> , 1985, 125, 153-157.	2.1	51
120	Error management in plant allocation to herbivore defense. <i>Trends in Ecology and Evolution</i> , 2015, 30, 441-445.	8.7	51
121	A conceptual framework for understanding behavioral responses to HIREC. <i>Current Opinion in Behavioral Sciences</i> , 2016, 12, 109-114.	3.9	49
122	Stream drift, size-specific predation, and the evolution of ovum size in an amphibian. <i>Oecologia</i> , 1987, 71, 624-630.	2.0	48
123	Stability and Prey Behavioural Responses to Predator Density. <i>Journal of Animal Ecology</i> , 1979, 48, 79.	2.8	46
124	Frontiers in quantifying wildlife behavioural responses to chemical pollution. <i>Biological Reviews</i> , 2022, 97, 1346-1364.	10.4	46
125	Stability, Prey Density and Age/Dependent Interference in an Aquatic Insect Predator, <i>Notonecta hoffmanni</i> . <i>Journal of Animal Ecology</i> , 1981, 50, 625.	2.8	44
126	Multilevel selection and effects of keystone hyperaggressive males on mating success and behavior in stream water striders. <i>Behavioral Ecology</i> , 2013, 24, 1166-1176.	2.2	44

#	ARTICLE	IF	CITATIONS
127	Lovers and fighters in sleepy lizard land: where do aggressive males fit in a social network?. <i>Animal Behaviour</i> , 2012, 83, 209-215.	1.9	43
128	Bugs scaring bugs: enemy-risk effects in biological control systems. <i>Ecology Letters</i> , 2020, 23, 1693-1714.	6.4	42
129	PREDATOR AND PREY HABITAT SELECTION GAMES: THE EFFECTS OF HOW PREY BALANCE FORAGING AND PREDATION RISK. <i>Israel Journal of Zoology</i> , 2004, 50, 233-254.	0.2	41
130	You're Just My Type: Mate Choice and Behavioral Types. <i>Trends in Ecology and Evolution</i> , 2020, 35, 823-833.	8.7	41
131	LARVAL SALAMANDER RESPONSE TO UV RADIATION AND PREDATION RISK: COLOR CHANGE AND MICROHABITAT USE. , 2004, 14, 1055-1064.		40
132	Avoidance of Male Giant Water Striders By Females. <i>Behaviour</i> , 1990, 115, 247-253.	0.8	39
133	The Influence of Starvation and Predators on the Mating Behavior of a Semiaquatic Insect. <i>Ecology</i> , 1991, 72, 2123-2136.	3.2	39
134	An experimental test of condition-dependent mating behavior and habitat choice by water striders in the wild. <i>Behavioral Ecology</i> , 1996, 7, 474-479.	2.2	39
135	Leveraging Motivations, Personality, and Sensory Cues for Vertebrate Pest Management. <i>Trends in Ecology and Evolution</i> , 2020, 35, 990-1000.	8.7	39
136	Animal personalities and seed dispersal: A conceptual review. <i>Functional Ecology</i> , 2020, 34, 1294-1310.	3.6	39
137	Ephemeral Habitats and Variation in Behavior and Life History: Comparisons of Sibling Salamander Species. <i>Oikos</i> , 1996, 76, 337.	2.7	37
138	The response of a sleepy lizard social network to altered ecological conditions. <i>Animal Behaviour</i> , 2013, 86, 763-772.	1.9	37
139	Parasitism, personality and cognition in fish. <i>Behavioural Processes</i> , 2017, 141, 205-219.	1.1	37
140	Predator Effects in Predator-Free Space: the Remote Effects of Predators on Prey. <i>Open Ecology Journal</i> , 2010, 3, 22-30.	2.0	37
141	Age, Experience, and the Response of Streamside Salamander Hatchlings to Chemical Cues from Predatory Sunfish. <i>Ethology</i> , 1994, 96, 253-259.	1.1	36
142	Beyond spatial overlap: harnessing new technologies to resolve the complexities of predator-prey interactions. <i>Oikos</i> , 2022, 2022, .	2.7	36
143	Multiple mating reveals complex patterns of assortative mating by personality and body size. <i>Journal of Animal Ecology</i> , 2016, 85, 125-135.	2.8	35
144	Challenges of Learning to Escape Evolutionary Traps. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	35

#	ARTICLE	IF	CITATIONS
145	Temperature and ontogenetic effects on color change in the larval salamander species <i>Ambystoma barbouri</i> and <i>Ambystoma texanum</i> . Canadian Journal of Zoology, 2003, 81, 710-715.	1.0	34
146	Does phylogenetic inertia explain the evolution of ineffective antipredator behavior in a sunfish-salamander system?. Behavioral Ecology and Sociobiology, 2000, 49, 48-56.	1.4	33
147	Where should we meet? Mapping social network interactions of sleepy lizards shows sex-dependent social network structure. Animal Behaviour, 2018, 136, 207-215.	1.9	33
148	Predicting behavioural responses to novel organisms: state-dependent detection theory. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162108.	2.6	32
149	HABITAT DURATION, LENGTH OF LARVAL PERIOD, AND THE EVOLUTION OF A COMPLEX LIFE CYCLE OF A SALAMANDER, <i>AMBYSTOMA TEXANUM</i> . Evolution; International Journal of Organic Evolution, 1987, 41, 1347-1356.	2.3	31
150	Personalities and presence of hyperaggressive males influence male mating exclusivity and effective mating in stream water striders. Behavioral Ecology and Sociobiology, 2015, 69, 27-37.	1.4	31
151	Prey Responses to Exotic Predators: Effects of Old Risks and New Cues. American Naturalist, 2019, 193, 575-587.	2.1	31
152	Novel Species Interactions in a Highly Modified Estuary: Association of Largemouth Bass with Brazilian Waterweed <i>Egeria densa</i> . Transactions of the American Fisheries Society, 2016, 145, 249-263.	1.4	30
153	Correlational selection on personality and social plasticity: morphology and social context determine behavioural effects on mating success. Journal of Animal Ecology, 2017, 86, 213-226.	2.8	29
154	Essay on Contemporary Issues in Ethology: Behavioral Ecology and the Study of Partner Choice. Ethology, 1995, 99, 265-277.	1.1	28
155	A limits-oriented approach to evolutionary ecology. Trends in Ecology and Evolution, 1995, 10, 378-382.	8.7	27
156	The erroneous signals of detection theory. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171852.	2.6	27
157	Non-random dispersal mediates invader impacts on the invertebrate community. Journal of Animal Ecology, 2017, 86, 1298-1307.	2.8	27
158	An experimental study on the effects of salamander larvae on isopods in stream pools. Freshwater Biology, 1991, 25, 451-459.	2.4	26
159	Effects of Predation Risk and Food Availability on the Activity, Habitat Use, Feeding Behavior and Mating Behavior of a Pond Water Strider, <i>Gerris marginatus</i> (Hemiptera). Ethology, 1998, 104, 661-669.	1.1	26
160	Direct and indirect effects of multiple enemies on water strider mating dynamics. Oecologia, 1996, 105, 179-188.	2.0	25
161	Dealing with stochastic environmental variation in space and time: bet hedging by generalist, specialist, and diversified strategies. Theoretical Ecology, 2016, 9, 149-161.	1.0	23
162	An experimental study on the effects of crayfish on the predator-prey interaction between bass and sculpin. Oecologia, 1990, 85, 69-73.	2.0	22

#	ARTICLE	IF	CITATIONS
163	A comparison of plants and animals in their responses to risk of consumption. <i>Current Opinion in Plant Biology</i> , 2016, 32, 1-8.	7.1	22
164	Task syndromes: linking personality and task allocation in social animal groups. <i>Behavioral Ecology</i> , 2021, 32, 1-17.	2.2	22
165	Warming-induced shifts in amphibian phenology and behavior lead to altered predator–prey dynamics. <i>Oecologia</i> , 2019, 189, 803-813.	2.0	21
166	Estimating encounter location distributions from animal tracking data. <i>Methods in Ecology and Evolution</i> , 2021, 12, 1158-1173.	5.2	21
167	Dragonfly larvae and tadpole frog space use games in varied light conditions. <i>Behavioral Ecology</i> , 2009, 20, 13-21.	2.2	20
168	Coexistence in the intertidal: interactions between the non-indigenous New Zealand mud snail <i>Potamopyrgus antipodarum</i> and the native estuarine isopod <i>Gnorimosphaeroma insulare</i> . <i>Oikos</i> , 2010, 119, 1755-1764.	2.7	20
169	Behavioural type in newly emerged steelhead <i>Oncorhynchus mykiss</i> does not predict growth rate in a conventional hatchery rearing environment. <i>Journal of Fish Biology</i> , 2009, 75, 1410-1426.	1.6	19
170	Fish-Habitat Relationships Along the Estuarine Gradient of the Sacramento-San Joaquin Delta, California: Implications for Habitat Restoration. <i>Estuaries and Coasts</i> , 2018, 41, 2389-2409.	2.2	19
171	Predicting Habitat Choice after Rapid Environmental Change. <i>American Naturalist</i> , 2019, 193, 619-632.	2.1	19
172	Optimal Diet: The Relative Importance of the Parameters. <i>American Naturalist</i> , 1979, 113, 460-463.	2.1	18
173	Predation risk and social interference as factors influencing habitat selection in two species of stream-dwelling waterstriders. <i>Behavioral Ecology</i> , 1997, 8, 351-363.	2.2	18
174	Punishment and persistence pay: a new model of territory establishment and space use. <i>Trends in Ecology and Evolution</i> , 2001, 16, 477-479.	8.7	18
175	Effects of larval exposure to triphenyltin on the survival, growth, and behavior of larval and juvenile <i>Ambystoma barbouri</i> salamanders. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 807-815.	4.3	18
176	Integration of an invasive consumer into an estuarine food web: direct and indirect effects of the New Zealand mud snail. <i>Oecologia</i> , 2011, 167, 169-179.	2.0	18
177	Impacts of the Insecticide Diazinon on the Behavior of Predatory Fish and Amphibian Prey. <i>Journal of Herpetology</i> , 2012, 46, 171-176.	0.5	18
178	On the importance of individual differences in behavioural skill. <i>Animal Behaviour</i> , 2019, 155, 307-317.	1.9	18
179	A framework for determining the fitness consequences of antipredator behavior. <i>Behavioral Ecology</i> , 2007, 18, 267-270.	2.2	17
180	Behavioural plasticity and evolution. <i>Animal Behaviour</i> , 2013, 85, 1003.	1.9	17

#	ARTICLE	IF	CITATIONS
181	Behavioural correlations across multiple stages of the antipredator response: do animals that escape sooner hide longer?. <i>Animal Behaviour</i> , 2022, 185, 175-184.	1.9	17
182	Scale dependent effects of native prey diversity, prey biomass and natural disturbance on the invasion success of an exotic predator. <i>Biological Invasions</i> , 2011, 13, 1357-1366.	2.4	16
183	Why Is Social Behavior Rare in Reptiles? Lessons From Sleepy Lizards. <i>Advances in the Study of Behavior</i> , 2017, 49, 1-26.	1.6	16
184	Phylogenetic patterns of trait and trait plasticity evolution: Insights from amphibian embryos. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 663-678.	2.3	16
185	Intermediate turbidity elicits the greatest antipredator response and generates repeatable behaviour in mosquitofish. <i>Animal Behaviour</i> , 2019, 158, 101-108.	1.9	16
186	Sex-dependent personality in two invasive species of mosquitofish. <i>Biological Invasions</i> , 2020, 22, 1353-1364.	2.4	16
187	Stable social groups foster conformity and among-group differences. <i>Animal Behaviour</i> , 2021, 174, 197-206.	1.9	16
188	Spatiotemporal patterns of duck nest density and predation risk: a multi-scale analysis of 18 years and more than 10 000 nests. <i>Oikos</i> , 2017, 126, 332-338.	2.7	15
189	Male guppies compensate for lost time when mating in turbid water. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	1.4	15
190	Personality-dependent survival of the invasive mosquitofish: being social can be deadly. <i>Aquatic Invasions</i> , 2019, 14, 465-477.	1.6	15
191	Behavioural hypervolumes of spider communities predict community performance and disbandment. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161409.	2.6	14
192	Juvenile rockfish show resilience to CO2-acidification and hypoxia across multiple biological scales. , 2018, 6, coy038.		14
193	Consistent after all: behavioural repeatability in a long-lived lizard across a 6-year field study. <i>Animal Behaviour</i> , 2021, 174, 263-277.	1.9	14
194	The positive effects of negative interactions: Can avoidance of competitors or predators increase resource sampling by prey?. <i>Theoretical Population Biology</i> , 2009, 76, 52-58.	1.1	13
195	Spatial scale influences the outcome of the predator-prey space race between tadpoles and predatory dragonflies. <i>Functional Ecology</i> , 2012, 26, 522-531.	3.6	13
196	Reply to Neff and Sherman. Behavioral syndromes versus darwinian algorithms. <i>Trends in Ecology and Evolution</i> , 2004, 19, 622-623.	8.7	12
197	Habitat Duration, Length of Larval Period, and the Evolution of a Complex Life Cycle of a Salamander, <i>Ambystoma texanum</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1987, 41, 1347.	2.3	11
198	Sexual conflict as a partitioning of selection. <i>Biology Letters</i> , 2009, 5, 675-677.	2.3	11

#	ARTICLE	IF	CITATIONS
199	Proportional fitness loss and the timing of defensive investment: a cohesive framework across animals and plants. <i>Oecologia</i> , 2020, 193, 273-283.	2.0	11
200	Early life experience influences dispersal in coyotes (<i>Canis latrans</i>). <i>Behavioral Ecology</i> , 2021, 32, 728-737.	2.2	11
201	Prey dispersal and predator impacts on stream benthic prey. , 1997, , 89-116.		11
202	EFFECTS OF LARVAL EXPOSURE TO TRIPHENYLTIN ON THE SURVIVAL, GROWTH, AND BEHAVIOR OF LARVAL AND JUVENILE AMBYSTOMA BARBOURI SALAMANDERS. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 807.	4.3	11
203	Intrinsic traits, social context, and local environment shape home range size and fidelity of sleepy lizards. <i>Ecological Monographs</i> , 2022, 92, .	5.4	11
204	Optimal Diet Theory: Should the !Kung Eat Mongongos?. <i>American Anthropologist</i> , 1985, 87, 395-401.	1.4	10
205	Linking short-term behavior and personalities to feeding and mating rates in female water striders. <i>Behavioral Ecology</i> , 2015, 26, 1196-1202.	2.2	10
206	Altered physical and social conditions produce rapidly reversible mating systems in water striders. <i>Behavioral Ecology</i> , 2017, 28, 632-639.	2.2	10
207	Endure your parasites: Sleepy Lizard (<i>Tiliqua rugosa</i>) movement is not affected by their ectoparasites. <i>Canadian Journal of Zoology</i> , 2018, 96, 1309-1316.	1.0	10
208	Environmentally relevant concentrations of bifenthrin affect the expression of estrogen and glucocorticoid receptors in brains of female western mosquitofish. <i>Aquatic Toxicology</i> , 2019, 209, 121-131.	4.0	10
209	Consistent individual differences in ectoparasitism of a long-lived lizard host. <i>Oikos</i> , 2020, 129, 1061-1071.	2.7	10
210	Personality, spatiotemporal ecological variation and resident/explorer movement syndromes in the sleepy lizard. <i>Journal of Animal Ecology</i> , 2022, 91, 210-223.	2.8	10
211	Enhancing the ecological realism of evolutionary mismatch theory. <i>Trends in Ecology and Evolution</i> , 2021, , .	8.7	10
212	Inadvertent errors and error-constrained optimization: fallible foraging by bluegill sunfish. <i>Behavioral Ecology and Sociobiology</i> , 1990, 27, 135-144.	1.4	9
213	Response to Schmidt. Pesticides, mortality and population growth rate. <i>Trends in Ecology and Evolution</i> , 2004, 19, 460-461.	8.7	9
214	The Role of Dispersal Behaviour and Personality in Post-establishment Spread. , 2016, , 96-116.		9
215	Host traits, identity, and ecological conditions predict consistent flea abundance and prevalence on free-living California ground squirrels. <i>International Journal for Parasitology</i> , 2021, 51, 587-598.	3.1	8
216	Frontiers on the Interface between Behavioral Syndromes and Social Behavioral Ecology. , 2013, , 221-251.		8

#	ARTICLE	IF	CITATIONS
217	Optimal diets: simultaneous search and handling of multiple-prey loads by salamander larvae. <i>Behavioral Ecology and Sociobiology</i> , 1988, 23, 335-339.	1.4	7
218	Comparison of Antipredator Responses of Two Related Water Striders to a Common Predator. <i>Ethology</i> , 1999, 105, 1019-1033.	1.1	7
219	Behavioral Syndromes: A Behavioral Ecologist's View on the Evolutionary and Ecological Implications of Animal Personalities. , 2011, , 313-336.		7
220	Effects of the group's mix of sizes and personalities on the emergence of alternative mating systems in water striders. <i>Behavioral Ecology</i> , 2017, 28, 1068-1074.	2.2	7
221	Predicting evolutionarily stable strategies from functional responses of Sonoran Desert annuals to precipitation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182613.	2.6	7
222	Population differences in the effect of context on personality in an invasive lizard. <i>Behavioral Ecology</i> , 2021, 32, 1363-1371.	2.2	7
223	Occurrence of the introduced snake mite, <i>Ophionyssus natricis</i> (Gervais, 1844), in the wild in Australia. <i>Acarologia</i> , 2020, 60, 559-565.	0.6	7
224	Mast seeding promotes evolution of scatter-hoarding. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200375.	4.0	7
225	Experiments on the effects of food and density on voltinism in a stream-dwelling water strider (<i>Aquarius remigis</i>). <i>Freshwater Biology</i> , 1995, 34, 61-67.	2.4	6
226	Dynamic feedbacks on dynamic networks: on the importance of considering real-time rewiring--comment on Pinter-Wollman et al.. <i>Behavioral Ecology</i> , 2014, 25, 258-259.	2.2	6
227	On connecting behavioral responses to HIREC to ecological outcomes: a comment on Wong and Candolin. <i>Behavioral Ecology</i> , 2015, 26, 676-677.	2.2	6
228	The relationship between handling time and cortisol release rates changes as a function of brain parasite densities in California killifish <i>Fundulus parvipinnis</i> . <i>Journal of Fish Biology</i> , 2016, 88, 1125-1142.	1.6	6
229	Insights for behavioral ecology from behavioral syndromes: a comment on Beekman and Jordan. <i>Behavioral Ecology</i> , 2017, 28, 627-628.	2.2	6
230	Predation risk and the evolutionary ecology of reproductive behaviour. <i>Journal of Fish Biology</i> , 1994, 45, 111-130.	1.6	6
231	Effects of carbaryl on species interactions of the foothill yellow legged frog (<i>Rana boylei</i>) and the Pacific treefrog (<i>Pseudacris regilla</i>). <i>Hydrobiologia</i> , 2015, 746, 255-269.	2.0	5
232	Diets of Largemouth Bass (<i>Micropterus salmoides</i>) in the Sacramento San Joaquin Delta. <i>San Francisco Estuary and Watershed Science</i> , 2019, 17, .	0.4	5
233	A comparison of the establishment success, response to competition, and community impact of invasive and non-invasive <i>Gambusia</i> species. <i>Biological Invasions</i> , 2020, 22, 509-522.	2.4	5
234	Predator hunting modes and predator-prey space games. <i>Ethology</i> , 2020, 126, 476-485.	1.1	5

#	ARTICLE	IF	CITATIONS
235	Effects of larval exposure to triphenyltin on the survival, growth, and behavior of larval and juvenile <i>Ambystoma barbouri</i> salamanders. <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 807-15.	4.3	5
236	Effects of Cryptic Oviposition on Egg Survival for Stream-Breeding, Streamside Salamanders. <i>Journal of Herpetology</i> , 1992, 26, 114.	0.5	4
237	Commentary: Four ways in which data-free papers on animal personality fail to be impactful. <i>Frontiers in Ecology and Evolution</i> , 2015, 3, .	2.2	4
238	Quantified Analyses of Aggression Pattern in a Captive Population of Musk Deer (<i>Moschus Sifanicus</i>). <i>Annals of Animal Science</i> , 2012, 12, 413-421.	1.6	3
239	Male social plasticity influences transient dynamics in the emergence of alternative mating systems in water striders. <i>Behavioral Ecology</i> , 2019, 30, 1530-1538.	2.2	3
240	A closer look at invasiveness and relatedness: life histories, temperature, and establishment success of four congeners. <i>Ecosphere</i> , 2020, 11, e03222.	2.2	3
241	Optimal Foraging Theory Used to Deduce the Energy Available in the Environment. <i>Biotropica</i> , 1977, 9, 216.	1.6	2
242	Complex interactions in lake communities. <i>Trends in Ecology and Evolution</i> , 1989, 4, 356-358.	8.7	1
243	Does sexual conflict increase juvenile survival by reducing cannibalism?. <i>Behavioural Processes</i> , 2018, 157, 438-444.	1.1	1
244	Rapid environmental change in games: complications and counter-intuitive outcomes. <i>Scientific Reports</i> , 2019, 9, 7373.	3.3	1
245	On using conceptual frameworks to guide a systematic review: a comment on Berger-Tal et al.. <i>Behavioral Ecology</i> , 2019, 30, 12-13.	2.2	1
246	Tests of Some Predictions from the Macarthur-Levins Competition Models: A Critique. <i>American Naturalist</i> , 1981, 117, 550-559.	2.1	1
247	On analyzing complex relationships between behaviour, state and fitness. <i>Behavioral and Brain Sciences</i> , 1988, 11, 148-149.	0.7	0
248	A Broader View on Mate Choice and Assortative Mating by Behavioral Type: A Reply to Dingemanse et al.. <i>Trends in Ecology and Evolution</i> , 2021, 36, 179-180.	8.7	0
249	Andrew Sih. <i>Current Biology</i> , 2021, 31, R934-R936.	3.9	0
250	Personality, plasticity, tasks, and task syndromes: a response to comments on Loftus et al. 2020. <i>Behavioral Ecology</i> , 2021, 32, 23-24.	2.2	0
251	Differences in aggression, activity and boldness between native and introduced populations of an invasive crayfish. <i>Oikos</i> , 2008, , .	2.7	0