

Alison M Bell

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

10,088
citations

126907

33
h-index

102487

66
g-index

77
all docs

77
docs citations

77
times ranked

6453
citing authors

#	ARTICLE	IF	CITATIONS
1	The specificity of sperm-mediated paternal effects in threespine sticklebacks. <i>Behavioral Ecology and Sociobiology</i> , 2021, 75, 1.	1.4	6
2	Minimally invasive brain injections for viral-mediated transgenesis: New tools for behavioral genetics in sticklebacks. <i>PLoS ONE</i> , 2021, 16, e0251653.	2.5	4
3	Back to the basics? Transcriptomics offers integrative insights into the role of space, time and the environment for gene expression and behaviour. <i>Biology Letters</i> , 2021, 17, 20210293.	2.3	10
4	The interplay between sperm-mediated and care-mediated paternal effects in threespine sticklebacks. <i>Animal Behaviour</i> , 2021, 179, 267-277.	1.9	6
5	Individual variation and the challenge hypothesis. <i>Hormones and Behavior</i> , 2020, 123, 104549.	2.1	6
6	Transgenerational Plasticity in Human-Altered Environments. <i>Trends in Ecology and Evolution</i> , 2020, 35, 115-124.	8.7	105
7	Sex-specific plasticity across generations I: Maternal and paternal effects on sons and daughters. <i>Journal of Animal Ecology</i> , 2020, 89, 2788-2799.	2.8	32
8	Sex-specific plasticity across generations II: Grandpaternal effects are lineage specific and sex specific. <i>Journal of Animal Ecology</i> , 2020, 89, 2800-2812.	2.8	25
9	The information provided by the absence of cues: insights from Bayesian models of within and transgenerational plasticity. <i>Oecologia</i> , 2020, 194, 585-596.	2.0	4
10	Personality in Nonhuman Animals. , 2020, , 235-246.		0
11	Predictors of individual variation in reversal learning performance in three-spined sticklebacks. <i>Animal Cognition</i> , 2020, 23, 925-938.	1.8	16
12	Personality traits change after an opportunity to mate. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20192936.	2.6	5
13	Effects of predation risk on egg steroid profiles across multiple populations of threespine stickleback. <i>Scientific Reports</i> , 2020, 10, 5239.	3.3	8
14	Cross-species systems analysis of evolutionary toolkits of neurogenomic response to social challenge. <i>Genes, Brain and Behavior</i> , 2019, 18, e12502.	2.2	30
15	Social environment determines the effect of boldness and activity on survival. <i>Ethology</i> , 2019, 125, 855-862.	1.1	6
16	An Integrative Framework for Understanding the Mechanisms and Multigenerational Consequences of Transgenerational Plasticity. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2019, 50, 97-118.	8.3	126
17	Neurogenomic insights into paternal care and its relation to territorial aggression. <i>Nature Communications</i> , 2019, 10, 4437.	12.8	31
18	The role of variation and plasticity in parental care during the adaptive radiation of three-spine sticklebacks. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 1037-1044.	2.3	16

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19	Intraspecific variation in cue-specific learning in sticklebacks. <i>Animal Behaviour</i> , 2018, 137, 161-168.	1.9	9
20	Genomic tools for behavioural ecologists to understand repeatable individual differences in behaviour. <i>Nature Ecology and Evolution</i> , 2018, 2, 944-955.	7.8	97
21	Changes in behavior and brain immediate early gene expression in male threespined sticklebacks as they become fathers. <i>Hormones and Behavior</i> , 2018, 97, 102-111.	2.1	13
22	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.	1.9	12
23	Personal and transgenerational cues are nonadditive at the phenotypic and molecular level. <i>Nature Ecology and Evolution</i> , 2018, 2, 1306-1311.	7.8	39
24	Parenting behaviour is highly heritable in male stickleback. <i>Royal Society Open Science</i> , 2018, 5, 171029.	2.4	11
25	Why does the magnitude of genotypeâ€œbyâ€œenvironment interaction vary?. <i>Ecology and Evolution</i> , 2018, 8, 6342-6353.	1.9	95
26	Testing the predictions of coping styles theory in threespined sticklebacks. <i>Behavioural Processes</i> , 2017, 136, 1-10.	1.1	47
27	The Effect of Familiarity with Demonstrators on Social Learning in Threeâ€œSpined Sticklebacks (<i>Gasterosteus aculeatus</i>). <i>Ethology</i> , 2017, 123, 213-220.	1.1	5
28	Transgenerational and developmental plasticity at the molecular level: Lessons from <i>Daphnia</i> . <i>Molecular Ecology</i> , 2017, 26, 4859-4861.	3.9	17
29	Integrating Ecological and Evolutionary Context in the Study of Maternal Stress. <i>Integrative and Comparative Biology</i> , 2017, 57, 437-449.	2.0	77
30	Temporal dynamics of neurogenomic plasticity in response to social interactions in male threespined sticklebacks. <i>PLoS Genetics</i> , 2017, 13, e1006840.	3.5	52
31	Molecular mechanisms and the conflict between courtship and aggression in threeâ€œspined sticklebacks. <i>Molecular Ecology</i> , 2016, 25, 4368-4376.	3.9	17
32	Natural variation in brain gene expression profiles of aggressive and nonaggressive individual sticklebacks. <i>Behaviour</i> , 2016, 153, 1723-1743.	0.8	63
33	Stickleback embryos use ATP-binding cassette transporters as a buffer against exposure to maternally derived cortisol. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152838.	2.6	21
34	Do reproduction and parenting influence personality traits? Insights from threespine stickleback. <i>Animal Behaviour</i> , 2016, 112, 247-254.	1.9	10
35	Effects of mothersâ€™ and fathersâ€™ experience with predation risk on the behavioral development of their offspring in threespined sticklebacks. <i>Current Opinion in Behavioral Sciences</i> , 2016, 7, 28-32.	3.9	26
36	A fluorescence hybridization (FISH) protocol for stickleback tissue. <i>Evolutionary Ecology Research</i> , 2016, 17, 603-617.	2.0	0

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37	A female's past experience with predators affects male courtship and the care her offspring will receive from their father. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151840.	2.6	25
38	Predictors of Individual Variation in Movement in a Natural Population of Threespine Stickleback (<i>Gasterosteus aculeatus</i>). <i>Advances in Ecological Research</i> , 2015, 52, 65-90.	2.7	50
39	Integrating molecular mechanisms into quantitative genetics to understand consistent individual differences in behavior. <i>Current Opinion in Behavioral Sciences</i> , 2015, 6, 111-114.	3.9	46
40	Effect of maternal predator exposure on the ability of stickleback offspring to generalize a learned colourâ€“reward association. <i>Animal Behaviour</i> , 2015, 107, 61-69.	1.9	15
41	Consistent individual differences in paternal behavior: a field study of three-spined stickleback. <i>Behavioral Ecology and Sociobiology</i> , 2015, 69, 227-236.	1.4	62
42	Maternal Experience with Predation Risk Influences Genome-Wide Embryonic Gene Expression in Threespined Sticklebacks (<i>Gasterosteus aculeatus</i>). <i>PLoS ONE</i> , 2014, 9, e98564.	2.5	41
43	Paternal programming in sticklebacks. <i>Animal Behaviour</i> , 2014, 95, 165-171.	1.9	56
44	Neuromolecular responses to social challenge: Common mechanisms across mouse, stickleback fish, and honey bee. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17929-17934.	7.1	141
45	Paternal care in a fish: epigenetics and fitness enhancing effects on offspring anxiety. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141146.	2.6	60
46	Individual variation in foraging behavior reveals a trade-off between flexibility and performance of a top predator. <i>Behavioral Ecology and Sociobiology</i> , 2014, 68, 1711-1722.	1.4	13
47	Strong personalities, not social niches, drive individual differences in social behaviours in sticklebacks. <i>Animal Behaviour</i> , 2014, 90, 287-295.	1.9	101
48	Avoidance or escape? Discriminating between two hypotheses for the function of schooling in threespine sticklebacks. <i>Animal Behaviour</i> , 2013, 85, 187-194.	1.9	11
49	Evolution: Skipping School. <i>Current Biology</i> , 2013, 23, R873-R875.	3.9	0
50	Behavioral typeâ€“environment correlations in the field: a study of three-spined stickleback. <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 765-774.	1.4	45
51	A test of maternal programming of offspring stress response to predation risk in threespine sticklebacks. <i>Physiology and Behavior</i> , 2013, 122, 222-227.	2.1	41
52	Randomized or fixed order for studies of behavioral syndromes?. <i>Behavioral Ecology</i> , 2013, 24, 16-20.	2.2	86
53	Transcriptional regulation of brain gene expression in response to a territorial intrusion. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4929-4938.	2.6	67
54	Individual variation in habituation: behaviour over time toward different stimuli in threespine sticklebacks (<i>Gasterosteus aculeatus</i>). <i>Behaviour</i> , 2012, 149, 1339-1365.	0.8	30

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55	Consistent individual differences in fathering in threespined stickleback <i>Gasterosteus aculeatus</i> . <i>Environmental Epigenetics</i> , 2012, 58, 45-52.	1.8	25
56	Female sticklebacks transfer information via eggs: effects of maternal experience with predators on offspring. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 1753-1759.	2.6	203
57	Brain Transcriptomic Response of Threespine Sticklebacks to Cues of a Predator. <i>Brain, Behavior and Evolution</i> , 2011, 77, 270-285.	1.7	54
58	Behavior and the Dynamic Genome. <i>Science</i> , 2011, 332, 1161-1162.	12.6	56
59	Behavioral and respiratory responses to stressors in multiple populations of three-spined sticklebacks that differ in predation pressure. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2010, 180, 211-220.	1.5	74
60	What can whole genome expression data tell us about the ecology and evolution of personality?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 4001-4012.	4.0	95
61	Approaching the Genomics of Risk-Taking Behavior. <i>Advances in Genetics</i> , 2009, 68, 83-104.	1.8	14
62	The repeatability of behaviour: a meta-analysis. <i>Animal Behaviour</i> , 2009, 77, 771-783.	1.9	1,651
63	Chapter 5 Insights for Behavioral Ecology from Behavioral Syndromes. <i>Advances in the Study of Behavior</i> , 2008, 38, 227-281.	1.6	502
64	Variable neuroendocrine responses to ecologically-relevant challenges in sticklebacks. <i>Physiology and Behavior</i> , 2007, 91, 15-25.	2.1	95
65	Future directions in behavioural syndromes research. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 755-761.	2.6	476
66	Exposure to predation generates personality in threespined sticklebacks (<i>Gasterosteus</i>). <i>Journal of Animal Ecology</i> , 2007, 76, 50-61.	6.4	621
67	Behavioral Syndromes: An Integrative Overview. <i>Quarterly Review of Biology</i> , 2004, 79, 241-277.	0.1	1,627
68	Behavioral syndromes: an ecological and evolutionary overview. <i>Trends in Ecology and Evolution</i> , 2004, 19, 372-378.	8.7	2,655