Karen A Spencer

List of Publications by Year
in descending order

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51 papers	2,867 citations	201674 27 h-index	189892 50 g-index
53 all docs	53 docs citations	53 times ranked	2183 citing authors

#	Article	IF	Citations
1	Song as an honest signal of developmental stress in the zebra finch (Taeniopygia guttata). Hormones and Behavior, 2003, 44, 132-139.	2.1	291
2	Song as an honest signal of past developmental stress in the European starling (Sturnus vulgaris). Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 1149-1156.	2.6	264
3	Developmental stress selectively affects the song control nucleus HVC in the zebra finch. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 2381-2386.	2.6	167
4	Postnatal Stress in Birds: A Novel Model of Glucocorticoid Programming of the Hypothalamic-Pituitary-Adrenal Axis. Endocrinology, 2009, 150, 1931-1934.	2.8	151
5	Indicators of development as sexually selected traits: the developmental stress hypothesis in context. Behavioral Ecology, 2011, 22, 1-9.	2.2	131
6	Parasites affect song complexity and neural development in a songbird. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 2037-2043.	2.6	130
7	Delayed behavioral effects of postnatal exposure to corticosterone in the zebra finch (Taeniopygia) Tj ETQq1 1 0.784314 rgBT /Overlock	2.1	130
8	Developmental stress affects the attractiveness of male song and female choice in the zebra finch (Taeniopygia guttata). Behavioral Ecology and Sociobiology, 2005, 58, 423-428.	1.4	124
9	Early-Life Stress Triggers Juvenile Zebra Finches to Switch Social Learning Strategies. Current Biology, 2015, 25, 2184-2188.	3.9	115
10	Egg-Laying Substrate Selection for Optimal Camouflage by Quail. Current Biology, 2013, 23, 260-264.	3.9	108
11	Developmental stress, social rank and song complexity in the European starling (Sturnus vulgaris). Proceedings of the Royal Society B: Biological Sciences, 2004, 271, S121-3.	2.6	101
12	Developmental stress predicts social network position. Biology Letters, 2014, 10, 20140561.	2.3	100
13	Developmental programming: Cumulative effects of increased pre-hatching corticosterone levels and post-hatching unpredictable food availability on physiology and behaviour in adulthood. Hormones and Behavior, 2013, 64, 494-500.	2.1	80
14	Modifications of Glucocorticoid Receptors mRNA Expression in the Hypothalamicâ€Pituitaryâ€Adrenal Axis in Response to Earlyâ€life Stress in Female Japanese Quail. Journal of Neuroendocrinology, 2014, 26, 853-860.	2.6	65
15	Steroid hormones, stress and the adolescent brain: A comparative perspective. Neuroscience, 2013, 249, 115-128.	2.3	63
16	For better or worse: reduced adult lifespan following early-life stress is transmitted to breeding partners. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 709-714.	2.6	61
17	Pre- and post-natal stress have opposing effects on social information use. Biology Letters, 2013, 9, 20121088.	2.3	56
18	Pre- and post-natal stress in context: effects on the stress physiology in a precocial bird. Journal of Experimental Biology, 2012, 215, 3955-64.	1.7	53

#	Article	IF	Citations
19	Post-natal exposure to corticosterone affects standard metabolic rate in the zebra finch (Taeniopygia) Tj ETQq1 1 0.784314 rgBT /Ove	1.8	45
20	Developmental stress and birdsong: current evidence and future directions. Journal of Ornithology, 2012, 153, 105-117.	1.1	43
21	Developmental stress and social phenotypes: integrating neuroendocrine, behavioural and evolutionary perspectives. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160242.	4.0	42
22	Transgenerational transmission of a stress-coping phenotype programmed by early-life stress in the Japanese quail. Scientific Reports, 2017, 7, 46125.	3.3	40
23	Then versus now: effect of developmental and current environmental conditions on incubation effort in birds. Behavioral Ecology, 2010, 21, 999-1004.	2.2	38
24	Melanin-Based Color of Plumage: Role of Condition and of Feathers' Microstructure. Integrative and Comparative Biology, 2014, 54, 633-644.	2.0	38
25	Condition-dependent strategies of eggshell pigmentation: an experimental study of Japanese quail (Coturnix coturnix japonica). Journal of Experimental Biology, 2013, 216, 700-8.	1.7	37
26	Parasite-induced warning coloration: a novel form of host manipulation. Animal Behaviour, 2011, 81, 417-422.	1.9	33
27	Stress and life history. Current Biology, 2014, 24, R408-R412.	3.9	32
28	Glucocorticoid programming of neuroimmune function. General and Comparative Endocrinology, 2018, 256, 80-88.	1.8	26
29	Stress hormones, social associations and song learning in zebra finches. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170290.	4.0	26
30	Peri-pubertal exposure to testicular hormones organizes response to novel environments and social behaviour in adult male rats. Hormones and Behavior, 2015, 73, 135-141.	2.1	25
31	Acute social isolation alters neurogenomic state in songbird forebrain. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23311-23316.	7.1	25
32	Developmental post-natal stress can alter the effects of pre-natal stress on the adult redox balance. General and Comparative Endocrinology, 2013, 191, 239-246.	1.8	24
33	Stateâ€“dependent behaviour in breeding barn swallows (Hirundo rustica): consequences for reproductive effort. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 403-410.	2.6	22
34	A marker of biological age explains individual variation in the strength of the adult stress response. Royal Society Open Science, 2017, 4, 171208.	2.4	22
35	State dependent effects of elevated hormone: Nest site quality, corticosterone levels and reproductive performance in the common eider. General and Comparative Endocrinology, 2011, 172, 218-224.	1.8	21
36	Wild jackdawsâ€™ reproductive success and their offspringâ€™s stress hormones are connected to provisioning rate and brood size, not to parental neophobia. General and Comparative Endocrinology, 2017, 243, 70-77.	1.8	19

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37	Chronological age, biological age, and individual variation in the stress response in the European starling: a follow-up study. PeerJ, 2018, 6, e5842.	2.0	15
38	Eggshell Appearance Does Not Signal Maternal Corticosterone Exposure in Japanese Quail: An Experimental Study with Brown-Spotted Eggs. PLoS ONE, 2013, 8, e80485.	2.5	15
39	Reduced resistance to oxidative stress during reproduction as a cost of early-life stress. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2015, 183, 9-13.	1.8	13
40	The effects of body state on nest sanitation and provisioning effort in breeding barn swallows (Hirundo rustica). Canadian Journal of Zoology, 2005, 83, 1360-1364.	1.0	12
41	Maternal influence on eggshell maculation: implications for cryptic camouflaged eggs. Journal of Ornithology, 2016, 157, 303-310.	1.1	11
42	Early life stress shapes female reproductive strategy through eggshell pigmentation in Japanese quail. General and Comparative Endocrinology, 2014, 208, 146-153.	1.8	9
43	Long-term effects of adolescent stress on neophobic behaviors in zebra finches are modulated by social context when in adulthood. Hormones and Behavior, 2017, 90, 48-55.	2.1	9
44	Social experience during adolescence in female rats increases 50ÂkHz ultrasonic vocalizations in adulthood, without affecting anxietyâ€like behavior. Developmental Psychobiology, 2020, 62, 212-223.	1.6	8
45	Early-life adversity programs long-term cytokine and microglia expression within the HPA axis in female Japanese quail.. Journal of Experimental Biology, 2019, 222, .	1.7	6
46	Singing to impress: the importance of developmental stress. Behavioral Ecology, 2011, 22, 14-15.	2.2	5
47	Group housing during adolescence has long-term effects on the adult stress response in female, but not male, zebra finches (Taeniopygia guttata). General and Comparative Endocrinology, 2018, 256, 71-79.	1.8	5
48	Daily energy expenditure of male barn swallows correlates with tailâ€“streamer length: handicapâ€“mediated foraging strategies. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, S160-3.	2.6	4
49	On the Use of Commercial Quails as Study Organisms: Lessons about Food Intake from Individual Variation in Body Mass. Avian Biology Research, 2012, 5, 137-141.	0.9	4
50	Developmental Programming via Activation of the Hypothalamicâ€“Pituitaryâ€“Adrenal Axis: A New Role for Acoustic Stimuli in Shaping Behavior?. Advances in the Study of Behavior, 2018, , 87-126.	1.6	3
51	Behavioural and Energetic Responses to Body State in Male and Female Barn Swallows (Hirundo) Tj ETQq1 1 0.784314 rgBT /Overlock	0.7	0