

# Kathryn E Arnold

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5499492/publications.pdf>

Version: 2024-02-01

72  
papers

4,297  
citations

117625

34  
h-index

114465

63  
g-index

74  
all docs

74  
docs citations

74  
times ranked

5196  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cooperative breeding in birds: a comparative test of the life history hypothesis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 739-745.	2.6	317
2	Medicating the environment: assessing risks of pharmaceuticals to wildlife and ecosystems. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130569.	4.0	306
3	Personality in captivity reflects personality in the wild. <i>Animal Behaviour</i> , 2010, 79, 835-843.	1.9	254
4	Extra-pair paternity and egg dumping in birds: life history, parental care and the risk of retaliation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 1263-1269.	2.6	198
5	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
6	Neonatal nutrition, adult antioxidant defences and sexual attractiveness in the zebra finch. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 1691-1696.	2.6	186
7	Disperse abroad in the land™: the role of wildlife in the dissemination of antimicrobial resistance. <i>Biology Letters</i> , 2016, 12, 20160137.	2.3	156
8	Fluorescent Signaling in Parrots. <i>Science</i> , 2002, 295, 92-92.	12.6	146
9	Ultraviolet signals in birds are special. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 61-67.	2.6	145
10	Understanding drivers of antibiotic resistance genes in High Arctic soil ecosystems. <i>Environment International</i> , 2019, 125, 497-504.	10.0	137
11	Parental prey selection affects risk-taking behaviour and spatial learning in avian offspring. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 2563-2569.	2.6	129
12	Anthropogenic environmental drivers of antimicrobial resistance in wildlife. <i>Science of the Total Environment</i> , 2019, 649, 12-20.	8.0	108
13	Toward sustainable environmental quality: Priority research questions for Europe. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2281-2295.	4.3	98
14	Division of labour within cooperatively breeding groups. <i>Behaviour</i> , 2005, 142, 1577-1590.	0.8	93
15	Seasonal variation in diet quality: antioxidants, invertebrates and blue tits <i>Cyanistes caeruleus</i> . <i>Biological Journal of the Linnean Society</i> , 0, 99, 708-717.	1.6	79
16	Personality predicts behavioral flexibility in a fluctuating, natural environment. <i>Behavioral Ecology</i> , 2014, 25, 1374-1379.	2.2	78
17	Group Mobbing Behaviour and Nest Defence in a Cooperatively Breeding Australian Bird. <i>Ethology</i> , 2000, 106, 385-393.	1.1	68
18	Sex-specific hatching order, growth rates and fledging success in jackdaws <i>Corvus monedula</i> . <i>Journal of Avian Biology</i> , 2003, 34, 275-281.	1.2	64

#	ARTICLE	IF	CITATIONS
19	Effects of neonatal nutrition on adult reproduction in a passerine bird. <i>Ibis</i> , 2006, 148, 509-514.	1.9	62
20	Is Cooperative Breeding Associated With Bigger Brains? A Comparative Test in the Corvida (Passeriformes). <i>Ethology</i> , 2004, 110, 203-220.	1.1	58
21	Use of Accurate Mass Full Scan Mass Spectrometry for the Analysis of Anthocyanins in Berries and Berry-Fed Tissues. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 3910-3915.	5.2	58
22	The effects of short-term antioxidant supplementation on oxidative stress and flight performance in adult budgerigars <i>Melopsittacus undulatus</i> . <i>Journal of Experimental Biology</i> , 2008, 211, 2859-2864.	1.7	56
23	Kin recognition via phenotype matching in a cooperatively breeding cichlid, <i>Neolamprologus pulcher</i> . <i>Animal Behaviour</i> , 2010, 79, 1109-1114.	1.9	54
24	Emerging investigator series: use of behavioural endpoints in the regulation of chemicals. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 49-65.	3.5	52
25	Sex-biased hatching sequences in the cooperatively breeding Noisy Miner. <i>Journal of Avian Biology</i> , 2001, 32, 219-223.	1.2	49
26	Primary sex ratios in birds: problems with molecular sex identification of undeveloped eggs. <i>Molecular Ecology</i> , 2003, 12, 3451-3458.	3.9	49
27	Egg composition in relation to social environment and maternal physiological condition in the collared flycatcher. <i>Behavioral Ecology and Sociobiology</i> , 2009, 63, 869-882.	1.4	49
28	Individual variation in helping in a cooperative breeder: relatedness versus behavioural type. <i>Animal Behaviour</i> , 2011, 82, 467-477.	1.9	47
29	Fur: A non-invasive approach to monitor metal exposure in bats. <i>Chemosphere</i> , 2016, 147, 376-381.	8.2	47
30	Oxidative profile varies with personality in European greenfinches. <i>Journal of Experimental Biology</i> , 2011, 214, 1732-1739.	1.7	44
31	Behavioural and physiological responses of birds to environmentally relevant concentrations of an antidepressant. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130575.	4.0	43
32	Ultraviolet crown coloration in female blue tits predicts reproductive success and baseline corticosterone. <i>Behavioral Ecology</i> , 2013, 24, 1299-1305.	2.2	41
33	Sex-specific differences in compensation for poor neonatal nutrition in the zebra finch <i>Taeniopygia guttata</i> . <i>Journal of Avian Biology</i> , 2007, 38, 356-366.	1.2	40
34	Sex allocation in response to paternal attractiveness in the zebra finch. <i>Behavioral Ecology</i> , 2005, 16, 763-769.	2.2	36
35	Yolk androgens and embryo sex: Maternal effects or confounding factors?. <i>Hormones and Behavior</i> , 2007, 51, 231-238.	2.1	35
36	Validation of swabs as a non-destructive and relatively non-invasive DNA sampling method in fish. <i>Molecular Ecology Resources</i> , 2011, 11, 107-109.	4.8	35

#	ARTICLE	IF	CITATIONS
37	Subtle manipulation of egg sex ratio in birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, S216-9.	2.6	34
38	Impacts of dietary antioxidants and flight training on post-exercise oxidative damage in adult parrots. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010, 155, 49-53.	1.6	34
39	Dietary antioxidants, lipid peroxidation and plumage colouration in nestling blue tits <i>Cyanistes caeruleus</i> . <i>Die Naturwissenschaften</i> , 2010, 97, 903-913.	1.6	32
40	A national level assessment of metal contamination in bats. <i>Environmental Pollution</i> , 2016, 214, 847-858.	7.5	32
41	Dynamics of the Caring Family. <i>American Naturalist</i> , 2003, 161, 395-412.	2.1	29
42	The trade-off between fix rate and tracking duration on estimates of home range size and habitat selection for small vertebrates. <i>PLoS ONE</i> , 2019, 14, e0219357.	2.5	29
43	Incubation effort in relation to male attractiveness in zebra finches <i>Taeniopygia guttata</i> . <i>Journal of Avian Biology</i> , 2005, 36, 413-420.	1.2	28
44	From seeds to plasma: Confirmed exposure of multiple farmland bird species to clothianidin during sowing of winter cereals. <i>Science of the Total Environment</i> , 2020, 723, 138056.	8.0	27
45	Can intraspecific brood parasitism be detected using egg morphology only?. <i>Journal of Avian Biology</i> , 2004, 35, 360-364.	1.2	21
46	High prevalence of the neonicotinoid clothianidin in liver and plasma samples collected from gamebirds during autumn sowing. <i>Science of the Total Environment</i> , 2020, 742, 140493.	8.0	21
47	Do glucocorticoids predict fitness? Linking environmental conditions, corticosterone and reproductive success in the blue tit, <i>Cyanistes caeruleus</i> . <i>Royal Society Open Science</i> , 2017, 4, 170875.	2.4	20
48	Environmentally relevant exposure to an antidepressant alters courtship behaviours in a songbird. <i>Chemosphere</i> , 2018, 211, 17-24.	8.2	20
49	Sex-specific survival and parasitism in three-spined sticklebacks: seasonal patterns revealed by molecular analysis. <i>Journal of Fish Biology</i> , 2003, 63, 1046-1050.	1.6	17
50	Colour cues or spatial cues? Context-dependent preferences in the European greenfinch ( <i>Carduelis</i> ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.8	17
51	Maternal Condition but Not Corticosterone Is Linked to Offspring Sex Ratio in a Passerine Bird. <i>PLoS ONE</i> , 2014, 9, e110858.	2.5	17
52	Antioxidant status, flight performance and sexual signalling in wild-type parrots. <i>Behavioral Ecology and Sociobiology</i> , 2010, 64, 1857-1866.	1.4	16
53	A spatially-based modeling framework for assessing the risks of soil-associated metals to bats. <i>Environmental Pollution</i> , 2013, 173, 110-116.	7.5	15
54	Individual variation in the oxidative costs of personality traits. <i>Functional Ecology</i> , 2015, 29, 522-530.	3.6	14

#	ARTICLE	IF	CITATIONS
55	Interspecies variation in the risks of metals to bats. <i>Environmental Pollution</i> , 2015, 206, 209-216.	7.5	13
56	Social immunity in honeybees—Density dependence, diet, and body mass trade-offs. <i>Ecology and Evolution</i> , 2018, 8, 4852-4859.	1.9	12
57	Detecting fluoxetine and norfluoxetine in wild bird tissues and feathers. <i>Environment International</i> , 2019, 126, 193-201.	10.0	12
58	High interindividual variability in habitat selection and functional habitat relationships in European nightjars over a period of habitat change. <i>Ecology and Evolution</i> , 2020, 10, 5932-5945.	1.9	12
59	An in vitro method for determining the bioaccessibility of pharmaceuticals in wildlife. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 2349-2357.	4.3	11
60	Predictive framework for estimating exposure of birds to pharmaceuticals. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2335-2344.	4.3	11
61	Mind the gap: the ratio of yolk androgens and antioxidants varies between sons and daughters dependent on paternal attractiveness. <i>Behavioral Ecology and Sociobiology</i> , 2012, 66, 519-527.	1.4	10
62	Strategies of the Cooperatively Breeding Noisy Miner to Reduce Nest Predation. <i>Emu</i> , 2000, 100, 280-285.	0.6	9
63	Paternal attractiveness and the effects of differential allocation of parental investment. <i>Animal Behaviour</i> , 2016, 113, 69-78.	1.9	9
64	Using long-term datasets to assess the impacts of dietary exposure to neonicotinoids on farmland bird populations in England. <i>PLoS ONE</i> , 2019, 14, e0223093.	2.5	9
65	Individual variation in corticosterone and personality traits in the blue tit <i>Cyanistes caeruleus</i> . <i>Behaviour</i> , 2016, 153, 1611-1637.	0.8	8
66	Predicting the threats of chemicals to wildlife: What are the challenges?. <i>Integrated Environmental Assessment and Management</i> , 2011, 7, 499-501.	2.9	7
67	Foraging on human-derived foods by urban bird species. <i>Bird Study</i> , 2017, 64, 178-186.	1.0	7
68	The impact of personality, morphotype and shore height on temperature-mediated behavioural responses in the beadlet anemone <i>Actinia equina</i> . <i>Journal of Animal Ecology</i> , 2020, 89, 2311-2324.	2.8	7
69	Temperature-driven changes in behavioural unpredictability and personality in the beadlet sea anemone, <i>Actinia equina</i> . <i>Animal Behaviour</i> , 2021, 181, 13-27.	1.9	7
70	Metabarcoding reveals selective dietary responses to environmental availability in the diet of a nocturnal, aerial insectivore, the European Nightjar ( <i>Caprimulgus europaeus</i> ). <i>Ibis</i> , 2022, 164, 60-73.	1.9	6
71	Dietary antioxidants in life-history trade-offs: differential effects of $\alpha$ -tocopherol supplementation on blue tit <i>Cyanistes caeruleus</i> mothers and offspring during reproduction. <i>Biological Journal of the Linnean Society</i> , 2017, 122, 313-328.	1.6	3
72	Interspecific variation in the spatially-explicit risks of trace metals to songbirds. <i>Science of the Total Environment</i> , 2018, 642, 679-689.	8.0	3