Staffan Andersson

List of Publications by Year
in descending order

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Version: 2024-02-01

71	5,143	76326	98798
papers	citations	40 h-index	67 g-index

71	71	71	2956
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultraviolet colour variation influences blue tit sex ratios. Nature, 1999, 402, 874-877.	27.8	388
2	Ultraviolet sexual dimorphism and assortative mating in blue tits. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 445-450.	2.6	368
3	Multiple Receivers, Multiple Ornaments, and a Tradeâ€off between Agonistic and Epigamic Signaling in a Widowbird. American Naturalist, 2002, 160, 683-691.	2.1	246
4	Ultraviolet colour vision and ornamentation in bluethroats. Proceedings of the Royal Society B: Biological Sciences, 1997, 264, 1587-1591.	2.6	209
5	Red Carotenoid Coloration in the Zebra Finch Is Controlled by a Cytochrome P450 Gene Cluster. Current Biology, 2016, 26, 1435-1440.	3.9	174
6	Female preference for long tails in lekking Jackson's widowbirds: experimental evidence. Animal Behaviour, 1992, 43, 379-388.	1.9	159
7	Plumage colour in nestling blue tits: sexual dichromatism, condition dependence and genetic effects. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 1263-1270.	2.6	145
8	Agonistic carotenoid signalling in male red-collared widowbirds: aggression related to the colour signal of both the territory owner and model intruder. Animal Behaviour, 2001, 62, 695-704.	1.9	142
9	A phylogenetic comparative method for studying multivariate adaptation. Journal of Theoretical Biology, 2012, 314, 204-215.	1.7	139
10	Carotenoid status signaling in captive and wild red-collared widowbirds: independent effects of badge size and color. Behavioral Ecology, 2002, 13, 622-631.	2.2	136
11	Ultraviolet plumage ornamentation affects social mate choice and sperm competition in bluethroats (Aves: Luscinia s. svecica): a field experiment. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 1313-1318.	2.6	135
12	SEXUAL SELECTION OF MULTIPLE HANDICAPS IN THE RED-COLLARED WIDOWBIRD: FEMALE CHOICE OF TAIL LENGTH BUT NOT CAROTENOID DISPLAY. Evolution; International Journal of Organic Evolution, 2001, 55, 1452-1463.	2.3	132
13	Seasonal changes in a ultraviolet structural colour signal in blue tits, Parus caeruleus. Biological Journal of the Linnean Society, 2002, 76, 237-245.	1.6	126
14	Paternity analysis reveals opposing selection pressures on crown coloration in the blue tit (Parus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	2.6	122
15	Sexual selection and cues for female choice in leks of Jackson's widowbird Euplectes jacksoni. Behavioral Ecology and Sociobiology, 1989, 25, 403-410.	1.4	120
16	Plasma Glutathione and Carotenoid Coloration as Potential Biomarkers of Environmental Stress in Great Tits. EcoHealth, 2005, 2, 138-146.	2.0	120
17	Correlations between ultraviolet coloration, overwinter survival and offspring sex ratio in the blue tit. Journal of Evolutionary Biology, 2003, 16, 1045-1054.	1.7	119
18	Morphology of UV Reflectance in a Whistling-Thrush: Implications for the Study of Structural Colour Signalling in Birds. Journal of Avian Biology, 1999, 30, 193.	1.2	109

#	Article	IF	Citations
19	Carotenoid diet and nestling provisioning in urban and rural great tits Parus major. Journal of Avian Biology, 2007, 38, 564-572.	1.2	104
20	Carotenoid diet and nestling provisioning in urban and rural great tits Parus major. Journal of Avian Biology, 2007, 38, 564-572.	1.2	101
21	Female blue tits adjust parental effort to manipulated male UV attractiveness. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 1903-1908.	2.6	95
22	Carotenoid-based status signalling in red-shouldered widowbirds (Euplectes axillaris): epaulet size and redness affect captive and territorial competition. Behavioral Ecology and Sociobiology, 2003, 53, 393-401.	1.4	94
23	Oxidative stress does not influence carotenoid mobilization and plumage pigmentation. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 309-314.	2.6	89
24	Carotenoid-Based Colours Reflect the Stress Response in the Common Lizard. PLoS ONE, 2009, 4, e5111.	2.5	85
25	Carotenoid-based epaulettes reveal male competitive ability: experiments with resident and floater red-shouldered widowbirds. Animal Behaviour, 2003, 66, 217-224.	1.9	83
26	Tail Ornamentation, Size Dimorphism and Wing Length in the Genus Euplectes (Ploceinae). Auk, 1994, 111, 80-86.	1.4	75
27	A simple field method for manipulating ultraviolet reflectance of flowers. Canadian Journal of Botany, 2002, 80, 1325-1328.	1.1	64
28	Conditionâ€dependence of multiple carotenoidâ€based plumage traits: an experimental study. Functional Ecology, 2008, 22, 831-839.	3.6	61
29	Carotenoid pigmentation does not reflect total non-enzymatic antioxidant activity in plasma of adult and nestling great tits, Parus major. Functional Ecology, 2007, 21, 1123-1129.	3.6	58
30	Seeing red to being red: conserved genetic mechanism for red cone oil droplets and co-option for red coloration in birds and turtles. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161208.	2.6	58
31	MALE CHARACTERISTICS AND FERTILISATION SUCCESS IN BLUETHROATS. Behaviour, 2001, 138, 1371-1390.	0.8	53
32	Carotenoid content and reflectance of yellow and red nuptial plumages in widowbirds (Euplectes) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.6	51
33	The impact of urban environment on oxidative damage (TBARS) and antioxidant systems in lungs and liver of great tits, Parus major,. Environmental Research, 2009, 109, 46-50.	7.5	50
34	Is male plumage reflectance correlated with paternal care in bluethroats?. Behavioral Ecology, 2001, 12, 164-170.	2.2	49
35	COHERENT SCATTERING OF ULTRAVIOLET LIGHT BY AVIAN FEATHER BARBS. Auk, 2003, 120, 163.	1.4	48
36	Molecular and phenotypic divergence in the bluethroat (Luscinia svecica) subspecies complex. Molecular Ecology, 2006, 15, 4033-4047.	3.9	48

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37	Costs of Sexual Advertising in the Lekking Jackson's Widowbird. Condor, 1994, 96, 1-10.	1.6	45
38	Bright ultraviolet colouration in the Asian whistling-thrushes (Myiophonus spp.). Proceedings of the Royal Society B: Biological Sciences, 1996, 263, 843-848.	2.6	45
39	Sex and age differences in reflectance and biochemistry of carotenoid-based colour variation in the great tit Parus major. Biological Journal of the Linnean Society, 0, 95, 758-765.	1.6	45
40	Experimental evidence for female choice and energetic costs of male tail elongation in red-collared widowbirds. Biological Journal of the Linnean Society, 2005, 86, 35-43.	1.6	43
41	Egg Yolk Carotenoids in Relation to Habitat and Reproductive Investment in the Great TitParus major. Physiological and Biochemical Zoology, 2008, 81, 112-118.	1.5	42
42	Bowers on the savanna: display courts and mate choice in a lekking widowbird. Behavioral Ecology, 1991, 2, 210-218.	2.2	41
43	Parental effects on carotenoid-based plumage coloration in nestling great tits, Parus major. Behavioral Ecology and Sociobiology, 2006, 60, 556-562.	1.4	41
44	A generalized female bias for long tails in a shortâ€“tailed widowbird. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 2141-2146.	2.6	37
45	Light, predation and the lekking behaviour of the ghost swift Hepialus humuli (L.) (Lepidoptera,) Tj ETQq1 1 0.784314 rgBT /Overlock	2.6	36
46	CONVERGENT EVOLUTION OF RED CAROTENOID COLORATION IN WIDOWBIRDS AND BISHOPS (EUPLECTES) Tj ETQq0 0 0 rgBT /Overl	2.3	33
47	Hunger affects dominance among strangers in house sparrows. Animal Behaviour, 1991, 41, 895-897.	1.9	30
48	Expression of a carotenoidâ€modifying gene and evolution of red coloration in weaverbirds (Ploceidae). Molecular Ecology, 2018, 27, 449-458.	3.9	29
49	Sexual, seasonal, and environmental variation in plasma carotenoids in great tits, Parus major. Biological Journal of the Linnean Society, 0, 92, 521-527.	1.6	27
50	Differential ability of carotenoid C4-oxygenation in yellow and red bishop species (Euplectes spp.). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2009, 154, 373-380.	1.6	26
51	Evolution of CYP2J19, a gene involved in colour vision and red coloration in birds: positive selection in the face of conservation and pleiotropy. BMC Evolutionary Biology, 2018, 18, 22.	3.2	25
52	Endless forms of sexual selection. PeerJ, 2019, 7, e7988.	2.0	24
53	Sex role partitioning during offspring protection in the Roughâ€legged Buzzard Buteo lagopus. Ibis, 1987, 129, 103-107.	1.9	22
54	Male nest building but not display behaviour directly influences mating success in the polygynous Red Bishop,Euplectes orix. Ostrich, 2002, 73, 87-91.	1.1	22

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55	A molecular phylogeny of the African widowbirds and bishops, Euplectes spp. (Aves: Passeridae:) Tj ETQq1 1 0.784314 rgBT /Overlock 1	2.7	22
56	UV-Deprived Coloration Reduces Success in Mate Acquisition in Male Sand Lizards (Lacerta agilis). PLoS ONE, 2011, 6, e19360.	2.5	21
57	Female preferences for long tails constrained by species recognition in short-tailed red bishops. Behavioral Ecology, 2008, 19, 1116-1121.	2.2	19
58	Sexual dimorphism and modes of sexual selection in lekking Jackson's widowbirds Euplectes jacksoni (Ploceinae). Biological Journal of the Linnean Society, 1993, 49, 1-17.	1.6	15
59	Male receiver bias for red agonistic signalling in a yellow-signalling widowbird: a field experiment. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140971.	2.6	14
60	Tool Use by the Fan-Tailed Raven (Corvus rhipidurus). Condor, 1989, 91, 999.	1.6	12
61	Phylogeny and evolution of sexually selected tail ornamentation in widowbirds and bishops (Euplectesspp.). Journal of Evolutionary Biology, 2009, 22, 2068-2076.	1.7	12
62	SEXUAL SELECTION OF MULTIPLE HANDICAPS IN THE RED-COLLARED WIDOWBIRD: FEMALE CHOICE OF TAIL LENGTH BUT NOT CAROTENOID DISPLAY. Evolution; International Journal of Organic Evolution, 2001, 55, 1452.	2.3	11
63	Seasonal changes in a ultraviolet structural colour signal in blue tits, Parus caeruleus. Biological Journal of the Linnean Society, 2008, 76, 237-245.	1.6	11
64	A receiver bias for red predates the convergent evolution of red color in widowbirds and bishops. Behavioral Ecology, 2015, 26, 1212-1218.	2.2	11
65	A novel method for screening a vertebrate transcriptome for genes involved in carotenoid binding and metabolism. Molecular Ecology Resources, 2012, 12, 149-159.	4.8	10
66	Animal communication: what is the signal to noise ratio?. Trends in Ecology and Evolution, 1999, 14, 174-175.	8.7	8
67	Are red bishops red enough? On the persistence of a generalized receiver bias inEuplectes. Behavioral Ecology, 2017, 28, 117-122.	2.2	6
68	Coherent Scattering of Ultraviolet Light by Avian Feather Barbs. Auk, 2003, 120, 163-170.	1.4	2
69	Sexual dimorphism and modes of sexual selection in lekking Jackson's widowbirds Euplectes jacksoni (Ploceinae). Biological Journal of the Linnean Society, 1993, 49, 1-17.	1.6	1
70	A Red Bird in a Brown Bag: The Function and Evolution of Colorful Plumage in the House Finch.. Auk, 2004, 121, 267-269.	1.4	0
71	A Red Bird in a Brown Bag: The Function and Evolution of Colorful Plumage in the House Finch.. Auk, 2004, 121, 267.	1.4	0