Kaspar Delhey

List of Publications by Year
in descending order

80 papers	3,276 citations	172457 29 h-index	161849 54 g-index
86 all docs	86 docs citations	86 times ranked	2664 citing authors

#	Article	IF	Citations
1	Cooperative breeding and the emergence of multilevel societies in birds. Ecology Letters, 2022, 25, 766-777.	6.4	24
2	Hot and dry conditions predict shorter nestling telomeres in an endangered songbird: Implications for population persistence. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	22
3	Male fairy-wrens produce and maintain vibrant breeding colors irrespective of individual quality. Behavioral Ecology, 2021, 32, 178-187.	2.2	6
4	Is color data from citizen science photographs reliable for biodiversity research?. Ecology and Evolution, 2021, 11, 4071-4083.	1.9	24
5	Variability, heritability and condition-dependence of the multidimensional male colour phenotype in a passerine bird. Heredity, 2021, 127, 300-311.	2.6	3
6	Lens and cornea limit UV vision of birds â€“ a phylogenetic perspective. Journal of Experimental Biology, 2021, 224, .	1.7	9
7	Emuâ€™s first 120 years: landmark papers of change in austral ornithology. Emu, 2021, 121, 284-291.	0.6	0
8	Migratory birds are lighter coloured. Current Biology, 2021, 31, R1511-R1512.	3.9	15
9	Revealing the colourful side of birds: spatial distribution of conspicuous plumage colours on the body of Australian birds. Journal of Avian Biology, 2020, 51, .	1.2	12
10	No evidence for an adaptive role of early molt into breeding plumage in a female fairy wren. Behavioral Ecology, 2020, 31, 411-420.	2.2	3
11	Darker eggs feel the heat. Nature Ecology and Evolution, 2020, 4, 22-23.	7.8	1
12	Partial or complete? The evolution of postâ€juvenile moult strategies in passerine birds. Journal of Animal Ecology, 2020, 89, 2896-2908.	2.8	13
13	Why climate change should generally lead to lighter coloured animals. Current Biology, 2020, 30, R1406-R1407.	3.9	9
14	Body size and climate as predictors of plumage colouration and sexual dichromatism in parrots. Journal of Evolutionary Biology, 2020, 33, 1543-1557.	1.7	11
15	Carotenoidâ€based plumage colour saturation increases with temperature in Australian passerines. Journal of Biogeography, 2020, 47, 2671-2683.	3.0	3
16	Evolutionary drivers of seasonal plumage colours: colour change by moult correlates with sexual selection, predation risk and seasonality across passerines. Ecology Letters, 2019, 22, 1838-1849.	6.4	29
17	Immunosenescence in wild animals: metaâ€analysis and outlook. Ecology Letters, 2019, 22, 1709-1722.	6.4	62
18	Lower breeding success in a new range: No evidence for the enemy release hypothesis in South American Barn Swallows. Auk, 2019, 136, .	1.4	1

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19	Multiple components of feather microstructure contribute to structural plumage colour diversity in fairy-wrens. Biological Journal of the Linnean Society, 2019, 128, 550-568.	1.6	17
20	Conspicuous Plumage Does Not Increase Predation Risk: A Continent-Wide Test Using Model Songbirds. American Naturalist, 2019, 193, 359-372.	2.1	30
21	A review of Gloger's rule, an ecogeographical rule of colour: definitions, interpretations and evidence. Biological Reviews, 2019, 94, 1294-1316.	10.4	106
22	Female and male plumage colour signals aggression in a dichromatic tropical songbird. Animal Behaviour, 2019, 150, 285-301.	1.9	28
23	Reconciling ecogeographical rules: rainfall and temperature predict global colour variation in the largest bird radiation. Ecology Letters, 2019, 22, 726-736.	6.4	54
24	Nest webs beyond woodpeckers: the ecological role of other nest builders. Ecology, 2018, 99, 985-988.	3.2	5
25	Darker where cold and wet: Australian birds follow their own version of Gloger's rule. Ecography, 2018, 41, 673-683.	4.5	60
26	From ornament to armament or loss of function? Breeding plumage acquisition in a genetically monogamous bird. Journal of Animal Ecology, 2018, 87, 1274-1285.	2.8	14
27	Avian predation intensity as a driver of clinal variation in colour morph frequency. Journal of Animal Ecology, 2018, 87, 1667-1684.	2.8	7
28	Field Sexing Olrog's Gull (Larus atlanticus) Using Morphometry. Waterbirds, 2018, 41, 411.	0.3	4
29	Conspicuous plumage colours are highly variable. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162593.	2.6	23
30	No fitness benefits of early molt in a fairy-wren: relaxed sexual selection under genetic monogamy?. Behavioral Ecology, 2017, 28, 1055-1067.	2.2	9
31	Are longâ€term widespread avian body size changes related to food availability? A test using contemporaneous changes in carotenoidâ€based color. Ecology and Evolution, 2017, 7, 3157-3166.	1.9	6
32	Habitat structure is linked to the evolution of plumage colour in female, but not male, fairy-wrens. BMC Evolutionary Biology, 2017, 17, 35.	3.2	23
33	Neutral and selective drivers of colour evolution in a widespread Australian passerine. Journal of Biogeography, 2017, 44, 522-536.	3.0	21
34	Complex nest decorations of a small brown bird in the Pampas. Frontiers in Ecology and the Environment, 2017, 15, 406-407.	4.0	6
35	Glogerâ€™s rule. Current Biology, 2017, 27, R689-R691.	3.9	51
36	Bright birds are cautious: seasonally conspicuous plumage prompts risk avoidance by male superb fairy-wrens. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170446.	2.6	23

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37	The effect of colourâ€producing mechanisms on plumage sexual dichromatism in passerines and parrots. Functional Ecology, 2017, 31, 903-914.	3.6	17
38	Conservation implications of anthropogenic impacts on visual communication and camouflage. Conservation Biology, 2017, 31, 30-39.	4.7	52
39	The colour of an avifauna: A quantitative analysis of the colour of Australian birds. Scientific Reports, 2016, 5, 18514.	3.3	35
40	The effect of skin reflectance on thermal traits in a small heliothermic ectotherm. Journal of Thermal Biology, 2016, 60, 109-124.	2.5	9
41	The evolution of mimicry of friarbirds by orioles (Aves: Passeriformes) in Australo-Pacific archipelagos. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160409.	2.6	29
42	The influence of nest-site choice and predator sensory cues on nesting success in the Crimson Finch (Neochmia phaeton). Emu, 2015, 115, 317-325.	0.6	10
43	Visual modelling suggests a weak relationship between the evolution of ultraviolet vision and plumage coloration in birds. Journal of Evolutionary Biology, 2015, 28, 715-722.	1.7	13
44	A practical framework to analyze variation in animal colors using visual models. Behavioral Ecology, 2015, 26, 367-375.	2.2	50
45	The effects of life history and sexual selection on male and female plumage colouration. Nature, 2015, 527, 367-370.	27.8	309
46	Increased conspicuousness can explain the match between visual sensitivities and blue plumage colours in fairy-wrens. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20121771.	2.6	30
47	Colourâ€variable birds have broader ranges, wider niches and are less likely to be threatened. Journal of Evolutionary Biology, 2013, 26, 1559-1568.	1.7	24
48	Seasonal male plumage as a multi-component sexual signal: insights and opportunities. Emu, 2013, 113, 232-247.	0.6	25
49	Testosterone treatment can increase circulating carotenoids but does not affect yellow carotenoidâ€based plumage colour in blue tits Cyanistes caeruleus. Journal of Avian Biology, 2012, 43, 362-368.	1.2	8
50	Laying-order effects on sperm numbers and on paternity: comparing three passerine birds with different life histories. Behavioral Ecology and Sociobiology, 2012, 66, 181-190.	1.4	16
51	No evidence for general conditionâ€dependence of structural plumage colour in blue tits: an experiment. Journal of Evolutionary Biology, 2011, 24, 976-987.	1.7	45
52	Rejection of brood-parasitic shiny cowbird Molothrus bonariensis nestlings by the firewood-gatherer Anumbius annumbi?. Journal of Avian Biology, 2011, 42, 463-467.	1.2	12
53	The carotenoid conundrum: improved nutrition boosts plasma carotenoid levels but not immune benefits of carotenoid supplementation. Oecologia, 2011, 166, 35-43.	2.0	15
54	The carotenoid-continuum: carotenoid-based plumage ranges from conspicuous to cryptic and back again. BMC Ecology, 2010, 10, 13.	3.0	25

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55	No consistent female preference for higher crown UV reflectance in Blue Tits Cyanistes caeruleus: a mate choice experiment. Ibis, 2010, 152, 393-396.	1.9	14
56	Seasonal Changes in Colour: A Comparison of Structural, Melanin- and Carotenoid-Based Plumage Colours. PLoS ONE, 2010, 5, e11582.	2.5	51
57	Fat quill secretion in pigeons: could it function as a cosmetic?. Animal Biology, 2010, 60, 69-78.	1.0	1
58	Seasonal Variation in Reproductive Output of a Neotropical Temperate Suboscine, the Firewood-gatherer (Anumbius annumbi). Auk, 2010, 127, 222-231.	1.4	11
59	Optical properties of the uropygial gland secretion: no evidence for UV cosmetics in birds. Die Naturwissenschaften, 2008, 95, 939-946.	1.6	18
60	Conditionâ€dependence of multiple carotenoidâ€based plumage traits: an experimental study. Functional Ecology, 2008, 22, 831-839.	3.6	61
61	Trade-off between migration and reproduction: does a high workload affect body condition and reproductive state?. Behavioral Ecology, 2008, 19, 1351-1360.	2.2	16
62	Quantifying Variability of Avian Colours: Are Signalling Traits More Variable?. PLoS ONE, 2008, 3, e1689.	2.5	49
63	Cosmetic Coloration in Birds: Occurrence, Function, and Evolution. American Naturalist, 2007, 169, S145-S158.	2.1	80
64	The Conditionâ€Dependent Development of Carotenoidâ€Based and Structural Plumage in Nestling Blue Tits: Males and Females Differ. American Naturalist, 2007, 169, S122-S136.	2.1	69
65	Fertilization success and UV ornamentation in blue tits Cyanistes caeruleus: correlational and experimental evidence. Behavioral Ecology, 2007, 18, 399-409.	2.2	45
66	Brood sex ratio and male UV ornamentation in blue tits (Cyanistes caeruleus): correlational evidence and an experimental test. Behavioral Ecology and Sociobiology, 2007, 61, 853-862.	1.4	32
67	Territorial responses of male blue tits, Cyanistes caeruleus, to UV-manipulated neighbours. Journal of Ornithology, 2007, 148, 179.	1.1	18
68	Age differences in blue tit Parus caeruleus plumage colour: within-individual changes or colour-biased survival?. Journal of Avian Biology, 2006, 37, 339-348.	1.2	58
69	Age-dependent association between testosterone and crown UV coloration in male blue tits (Parus) Tj ETQq1 1 0.784314 rgBT /Overl	1.4	51
70	Seasonal changes in blue tit crown color: do they signal individual quality?. Behavioral Ecology, 2006, 17, 790-798.	2.2	81
71	Male sexual attractiveness and parental effort in blue tits: a test of the differential allocation hypothesis. Animal Behaviour, 2005, 70, 877-888.	1.9	88
72	Small- and large-scale effect of the SW Atlantic burrowing crab Chasmagnathus granulatus on habitat use by migratory shorebirds. Journal of Experimental Marine Biology and Ecology, 2005, 315, 87-101.	1.5	38

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73	Tradeâ€Offs between Immune Investment and Sexual Signaling in Male Mallards. American Naturalist, 2004, 164, 51-59.	2.1	98
74	Carotenoid-based bill colour as an indicator of immunocompetence and sperm performance in male mallards. Journal of Evolutionary Biology, 2004, 17, 1111-1120.	1.7	140
75	Nesting attempts of the Cliff Swallow Petrochelidon pyrrhonota in Buenos Aires Province, Argentina. Ibis, 2004, 146, 522-525.	1.9	7
76	Females increase offspring heterozygosity and fitness through extra-pair matings. Nature, 2003, 425, 714-717.	27.8	438
77	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
78	Paternity analysis reveals opposing selection pressures on crown coloration in the blue tit (Parus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	2.6	122
79	CONSERVATION STATUS OF THE BUFF-BREASTED SANDPIPER: HISTORIC AND CONTEMPORARY DISTRIBUTION AND ABUNDANCE IN SOUTH AMERICA. The Wilson Bulletin, 2002, 114, 44-72.	0.5	31
80	The Effect of Migratory Shorebirds on the Benthic Species of Three Southwestern Atlantic Argentinean Estuaries. Estuaries and Coasts, 1998, 21, 700.	1.7	53