Karen L Wiebe

List of Publications by Year
in descending order

114 papers	4,075 citations	126907 33 h-index	133252 59 g-index
117 all docs	117 docs citations	117 times ranked	2662 citing authors

#	Article	IF	Citations
1	Density-dependent winter survival of immatures in an irruptive raptor with pulsed breeding. Oecologia, 2022, 198, 295-306.	2.0	3
2	Woodpeckers and other excavators maintain the diversity of cavityâ€nesting vertebrates. Journal of Animal Ecology, 2022, 91, 1251-1265.	2.8	10
3	Factors associated with returns of snowy owls to airports following translocation. Journal of Wildlife Management, 2022, 86, .	1.8	2
4	Disruptions of feather carotenoid pigmentation in a subset of hybrid northern flickers (Colaptes) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 Biochemistry and Molecular Biology, 2021, 251, 110510.	1.6	3
5	Landscape cover type, not social dominance, is associated with the winter movement patterns of Snowy Owls in temperate areas. Auk, 2021, 138, .	1.4	5
6	Nomadic breeders Snowy Owls (Bubo scandiacus) do not use stopovers to sample the summer environment. Ibis, 2021, 163, 1271-1281.	1.9	3
7	Use of landmarks for nest site choice and small-scale navigation to the nest in birds. Behaviour, 2021, 158, 705-726.	0.8	2
8	No evidence that nest site choice in Pied Flycatchers is mediated by assessing the clutch size of a heterospecific, the Great Tit. Journal of Ornithology, 2021, 162, 997-1007.	1.1	3
9	Egg covering in cavity nesting birds may prevent nest usurpation by other species. Behavioral Ecology and Sociobiology, 2021, 75, 116.	1.4	4
10	Interspecific aggression and defence of extra nest sites in two species of songbirds. Ethology, 2021, 127, 294-301.	1.1	5
11	Nest decoration: birds exploit a fear of feathers to guard their nest from usurpation. Royal Society Open Science, 2021, 8, 211579.	2.4	4
12	Local recruitment in Northern Flickers is related to environmental factors at multiple scales and provides reproductive benefits to yearling breeders settling close to home. Auk, 2020, 137, .	1.4	6
13	Arctic avian predators synchronise their spring migration with the northern progression of snowmelt. Scientific Reports, 2020, 10, 7220.	3.3	13
14	Gaps and Runs in Nest Cavity Occupancy: Cavity â€œDestroyersâ€•and â€œCleanersâ€•Affect Reuse by Secondary Cavity Nesting Vertebrates. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	13
15	Delivery rates and prey use of Mountain Bluebirds in grassland and clear-cut habitats. Avian Conservation and Ecology, 2019, 14, .	0.8	4
16	Lifetime productivity of tree cavities used by cavityâ€nesting animals in temperate and subtropical forests. Ecological Applications, 2019, 29, e01916.	3.8	9
17	Prey size and nestling gape size affect allocation within broods of the Mountain Bluebird. Journal of Ornithology, 2019, 160, 145-154.	1.1	6
18	Habitat selection by wintering male and female Snowy Owls on the Canadian prairies in relation to prey abundance and a competitor, the Great Horned Owl. Journal of Field Ornithology, 2018, 89, 64-77.	0.5	7

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19	Immigrants and locally recruited birds differ in prey delivered to their offspring in blue tits and great tits. Animal Behaviour, 2018, 139, 127-135.	1.9	7
20	On heterospecifc learning in birds â€“ comments on Samplonius and Forsman et al. Journal of Avian Biology, 2018, 49, jav-01706.	1.2	5
21	Movement patterns and home ranges of male and female Snowy Owls (Bubo scandiacus) wintering on the Canadian prairies. Canadian Journal of Zoology, 2018, 96, 545-552.	1.0	5
22	Seeing sunlit owls in a new light: orienting Snowy Owls may not be displaying. Ibis, 2018, 160, 62-70.	1.9	3
23	Tree cavity occupancy by nesting vertebrates across cavity age. Journal of Wildlife Management, 2018, 82, 639-648.	1.8	28
24	Age-related improvements in fecundity are driven by the male in a bird with partially reversed sex roles in parental care. Oecologia, 2018, 188, 1095-1104.	2.0	6
25	On the use of heterospecific information for nest site selection in birds. Journal of Avian Biology, 2017, 48, 1035-1040.	1.2	18
26	Brood size manipulations reveal relationships among physiological performance, body condition and plumage colour in Northern Flicker Colaptes auratus nestlings. Ibis, 2017, 159, 600-610.	1.9	4
27	Northern flickers only work when they have to: how individual traits, population size and landscape disturbances affect excavation rates of an ecosystem engineer. Journal of Avian Biology, 2017, 48, 431-438.	1.2	15
28	Northern Flicker (Colaptes auratus). , 2017, , .		32
29	Body condition in Snowy Owls wintering on the prairies is greater in females and older individuals and may contribute to sex-biased mortality. Auk, 2016, 133, 738-746.	1.4	14
30	Conditionâ€dependent expression of carotenoidâ€and melaninâ€based plumage colour of northern flicker nestlings revealed by manipulation of brood size. Journal of Avian Biology, 2016, 47, 176-184.	1.2	9
31	Interspecific competition for nests: Prior ownership trumps resource holding potential for Mountain Bluebird competing with Tree Swallow. Auk, 2016, 133, 512-519.	1.4	21
32	Foraging Tradeâ€offs between Prey Size, Delivery Rate and Prey Type: How Does Niche Breadth and Early Learning of the Foraging Niche Affect Food Delivery?. Ethology, 2015, 121, 1010-1017.	1.1	8
33	Plumage pigment differences underlying the yellow-red differentiation in the Northern Flicker (Colaptes auratus). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2015, 183, 1-10.	1.6	17
34	Northern flicker mates foraging on renewing patches within home ranges avoid competition not by separate niches but by segregation. Behavioral Ecology and Sociobiology, 2015, 69, 101-108.	1.4	3
35	Nest sanitation in response to short- and long-term changes of brood size: males clean more in a sex-role-reversed species. Animal Behaviour, 2015, 104, 137-143.	1.9	11
36	Melanin plumage ornaments in both sexes of Northern Flicker are associated with body condition and predict reproductive output independent of age. Auk, 2015, 132, 507-517.	1.4	31

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37	Cavity use throughout the annual cycle of a migratory woodpecker revealed by geolocators. Ibis, 2015, 157, 167-170.	1.9	9
38	Responses of cavityâ€nesting birds to fire: testing a general model with data from the Northern Flicker. Ecology, 2014, 95, 2537-2547.	3.2	21
39	Determinants of parental care and offspring survival during the post-fledging period: males care more in a species with partially reversed sex roles. Oecologia, 2014, 175, 95-104.	2.0	21
40	Prey size increases with nestling age: are provisioning parents programmed or responding to cues from offspring?. Behavioral Ecology and Sociobiology, 2014, 68, 711-719.	1.4	20
41	Survival and habitat use by fledgling northern flickers in a fragmented forest landscape. Journal of Wildlife Management, 2014, 78, 273-281.	1.8	11
42	Northern Flickers increase provisioning rates to raise more but poorer quality offspring when given experimentally enlarged broods. Auk, 2014, 131, 571-582.	1.4	14
43	Antipredator behavior: escape flights on a landscape slope. Behavioral Ecology, 2014, 25, 378-385.	2.2	3
44	Responses by Centralâ€Place Foragers to Manipulations of Brood Size: Parent Flickers Respond to Proximate Cues but do not Increase Work Rate. Ethology, 2014, 120, 881-892.	1.1	14
45	Males migrate farther than females in a differential migrant: an examination of the fasting endurance hypothesis. Royal Society Open Science, 2014, 1, 140346.	2.4	25
46	Turkey Vulture Breeding Behavior Studied with Trail Cameras. Journal of Raptor Research, 2013, 47, 153-160.	0.6	15
47	Choice of foraging habitat by northern flickers reflects changes in availability of their ant prey linked to ambient temperature. Ecoscience, 2013, 20, 122-130.	1.4	16
48	Postfledging movements in birds: Do tit families track environmental phenology?. Auk, 2013, 130, 36-45.	1.4	9
49	Brood age and size influence sex-specific parental provisioning patterns in a sex-role reversed species. Journal of Ornithology, 2013, 154, 525-535.	1.1	25
50	Lack of diet segregation during breeding by male and female Northern Flickers foraging on ants. Journal of Field Ornithology, 2013, 84, 262-269.	0.5	17
51	Brood parasites may use gape size constraints to exploit provisioning rules of smaller hosts: an experimental test of mechanisms of food allocation. Behavioral Ecology, 2012, 23, 391-396.	2.2	5
52	Survival analysis of a critical resource for cavityâ€nesting communities: patterns of tree cavity longevity. Ecological Applications, 2012, 22, 1733-1742.	3.8	67
53	Parents take both size and conspicuousness into account when feeding nestlings in dark cavity nests. Animal Behaviour, 2012, 84, 1307-1312.	1.9	12
54	An Unusually Synchronous Double Brooding Attempt by a Northern Flicker Pair. Wilson Journal of Ornithology, 2012, 124, 389-392.	0.2	3

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55	Climate change, breeding date and nestling diet: how temperature differentially affects seasonal changes in pied flycatcher diet depending on habitat variation. Journal of Animal Ecology, 2012, 81, 926-936.	2.8	101
56	Nest box design for the study of diurnal raptors and owls is still an overlooked point in ecological, evolutionary and conservation studies: a review. Journal of Ornithology, 2012, 153, 23-34.	1.1	66
57	Social learning in birds and its role in shaping a foraging niche. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 969-977.	4.0	148
58	Selection of Nest Trees by Cavity-nesting Birds in the Neotropical Atlantic Forest. Biotropica, 2011, 43, 228-236.	1.6	84
59	Nest sites as limiting resources for cavity-nesting birds in mature forest ecosystems: a review of the evidence. Journal of Field Ornithology, 2011, 82, 239-248.	0.5	83
60	Negotiation of parental care when the stakes are high: experimental handicapping of one partner during incubation leads to shortâ€term generosity. Journal of Animal Ecology, 2010, 79, 63-70.	2.8	17
61	A Supplemental Function of the Avian Egg Tooth. Condor, 2010, 112, 1-7.	1.6	4
62	Influence of Spring Temperatures and Individual Traits on Reproductive Timing and Success in a Migratory Woodpecker. Auk, 2010, 127, 917-925.	1.4	30
63	The social and genetic mating system in flickers linked to partially reversed sex roles. Behavioral Ecology, 2009, 20, 453-458.	2.2	35
64	Mouth coloration in nestling birds: increasing detection or signalling quality?. Animal Behaviour, 2009, 78, 1413-1420.	1.9	33
65	Nest excavation does not reduce harmful effects of ectoparasitism: an experiment with a woodpecker, the northern flicker Colaptes auratus. Journal of Avian Biology, 2009, 40, 166-172.	1.2	24
66	Parental Sex Differences in Food Allocation to Junior Brood Members as Mediated by Prey Size. Ethology, 2009, 115, 49-58.	1.1	21
67	Absence of Reproductive Consequences of Hybridization in the Northern Flicker (Colaptes auratus) Hybrid Zone. Auk, 2009, 126, 351-358.	1.4	15
68	Division of labour during incubation in a woodpecker Colaptes auratus with reversed sex roles and facultative polyandry. Ibis, 2008, 150, 115-124.	1.9	27
69	VARIABLE WEATHER PATTERNS AFFECT ANNUAL SURVIVAL OF NORTHERN FLICKERS MORE THAN PHENOTYPE IN THE HYBRID ZONE. Condor, 2008, 110, 701-708.	1.6	7
70	HYPOXIA PROBABLY DOES NOT EXPLAIN SHORT INCUBATION PERIODS OF WOODPECKERS. Condor, 2007, 109, 976.	1.6	1
71	Learning the ecological niche. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 19-23.	2.6	110
72	Hypoxia Probably Does not Explain Short Incubation Periods of Woodpeckers. Condor, 2007, 109, 976-979.	1.6	2

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73	Hatching asynchrony and early nestling mortality: the feeding constraint hypothesis. Animal Behaviour, 2007, 73, 691-700.	1.9	61
74	Evolution of Clutch Size in Cavityâ€Excavating Birds: The Nest Site Limitation Hypothesis Revisited. American Naturalist, 2006, 167, 343-353.	2.1	40
75	INVESTMENT IN NEST DEFENSE BY NORTHERN FLICKERS: EFFECTS OF AGE AND SEX. Wilson Journal of Ornithology, 2006, 118, 452-460.	0.2	12
76	Effects of Sex and Age on Survival of Northern Flickers: a Six-Year Field Study. Condor, 2006, 108, 193-200.	1.6	24
77	Egg Composition in Northern Flickers. Condor, 2006, 108, 977-980.	1.6	8
78	Breeding dispersal of Northern Flickers Colaptes auratus in relation to natural nest predation and experimentally increased perception of predation risk. Ibis, 2006, 148, 772-781.	1.9	34
79	Nest site attributes and temporal patterns of northern flicker nest loss: effects of predation and competition. Oecologia, 2006, 147, 744-753.	2.0	102
80	Effects of Sex and Age on Survival of Northern Flickers: a Six-Year Field Study. Condor, 2006, 108, 193.	1.6	20
81	EGG COMPOSITION IN NORTHERN FLICKERS. Condor, 2006, 108, 977.	1.6	8
82	Asymmetric costs favor female desertion in the facultatively polyandrous northern flicker (Colaptes) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.4	44
83	Nest Sites and Nest Webs for Cavity-Nesting Communities in Interior British Columbia, Canada: Nest Characteristics and Niche Partitioning. Condor, 2004, 106, 5-19.	1.6	272
84	Innate and Learned Components of Defence by Flickers Against a Novel Nest Competitor, the European Starling. Ethology, 2004, 110, 779-791.	1.1	34
85	NEST SITES AND NEST WEBS FOR CAVITY-NESTING COMMUNITIES IN INTERIOR BRITISH COLUMBIA, CANADA: NEST CHARACTERISTICS AND NICHE PARTITIONING. Condor, 2004, 106, 5.	1.6	234
86	Coping Mechanisms of Alpine and Arctic Breeding Birds: Extreme Weather and Limitations to Reproductive Resilience. Integrative and Comparative Biology, 2004, 44, 177-185.	2.0	173
87	Delayed timing as a strategy to avoid nest-site competition: testing a model using data from starlings and flickers. Oikos, 2003, 100, 291-298.	2.7	61
88	EPHEMERAL FOOD RESOURCES AND HIGH CONSPECIFIC DENSITIES AS FACTORS EXPLAINING LACK OF FEEDING TERRITORIES IN NORTHERN FLICKERS (COLAPTES AURATUS). Auk, 2003, 120, 187.	1.4	13
89	Ephemeral Food Resources and High Conspecific Densities as Factors Explaining Lack of Feeding Territories in Northern Flickers (Colaptes Auratus). Auk, 2003, 120, 187-193.	1.4	19
90	First Reported Case of Classical Polyandry in a North American Woodpecker, the Northern Flicker. The Wilson Bulletin, 2002, 114, 401-403.	0.5	17

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91	FOOD AND PREDATION RISK AS FACTORS RELATED TO FORAGING LOCATIONS OF NORTHERN FLICKERS. The Wilson Bulletin, 2002, 114, 349-357.	0.5	26
92	VARIATION IN CAROTENOID-BASED COLOR IN NORTHERN FLICKERS IN A HYBRID ZONE. The Wilson Bulletin, 2002, 114, 393-400.	0.5	17
93	Microclimate of Tree Cavity Nests: Is it Important for Reproductive Success in Northern Flickers?. Auk, 2001, 118, 412-421.	1.4	213
94	Clutch size relative to tree cavity size in Northern Flickers. Journal of Avian Biology, 2001, 32, 167-173.	1.2	57
95	MICROCLIMATE OF TREE CAVITY NESTS: IS IT IMPORTANT FOR REPRODUCTIVE SUCCESS IN NORTHERN FLICKERS?. Auk, 2001, 118, 412.	1.4	150
96	Microclimate of Tree Cavity Nests: Is It Important for Reproductive Success in Northern Flickers?. Auk, 2001, 118, 412-421.	1.4	7
97	Parental interference in sibling aggression in birds: What should we look for?. Ecoscience, 2000, 7, 1-9.	1.4	14
98	Hatching asynchrony in the Eurasian kestrel Falco tinnunculus: an experimental test of the brood reduction hypothesis. Journal of Animal Ecology, 2000, 69, 85-95.	2.8	40
99	Assortative Mating by Color in a Population of Hybrid Northern Flickers. Auk, 2000, 117, 525-529.	1.4	44
100	Assortative Mating by Color in a Population of Hybrid Northern Flickers. Auk, 2000, 117, 525.	1.4	26
101	The onset of incubation in birds: can females control hatching patterns?. Animal Behaviour, 1998, 55, 1043-1052.	1.9	70
102	Costs and benefits of nest cover for ptarmigan: changes within and between years. Animal Behaviour, 1998, 56, 1137-1144.	1.9	111
103	Seasonal use by birds of stream-side riparian habitat in coniferous forest of northcentral British Columbia. Ecography, 1998, 21, 124-134.	4.5	23
104	Hatching asynchrony in Eurasian kestrels in relation to the abundance and predictability of cyclic prey. Journal of Animal Ecology, 1998, 67, 908-917.	2.8	37
105	Ageâ€specific patterns of reproduction in Whiteâ€tailed and Willow PtarmiganLagopus leucurusandL. lagopus. Ibis, 1998, 140, 14-24.	1.9	43
106	Effects of predation, body condition and temperature on incubation rhythms of whiteâ€tailed ptarmigan Lagopus leucurus. Wildlife Biology, 1997, 3, 219-227.	1.4	36
107	The Insurance-Egg Hypothesis and Extra Reproductive Value of Last-Laid Eggs in Clutches of American Kestrels. Auk, 1996, 113, 258-261.	1.4	35
108	The proximate effects of food supply on intraclutch egg-size variation in American kestrels. Canadian Journal of Zoology, 1996, 74, 118-124.	1.0	33

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109	Ecological and Physiological Effects on Egg Laying Intervals in Ptarmigan. Condor, 1995, 97, 708-717.	1.6	32
110	Food Supply and Hatching Spans of Birds: Energy Constraints or Facultative Manipulation. Ecology, 1994, 75, 813-823.	3.2	97
111	Brood Patches of American Kestrels: An Ecological and Evolutionary Perspective. Ornis Scandinavica, 1993, 24, 197.	1.0	43
112	Facultative sex ratio manipulation in American kestrels. Behavioral Ecology and Sociobiology, 1992, 30, 379.	1.4	206
113	Cannibalism of nestling American kestrels by their parents and siblings. Canadian Journal of Zoology, 1991, 69, 1447-1453.	1.0	77
114	Neither sex appears to benefit from divorce within migratory Northern Flickers consistent with accidental loss and bet-hedging. Auk, 0, , .	1.4	5