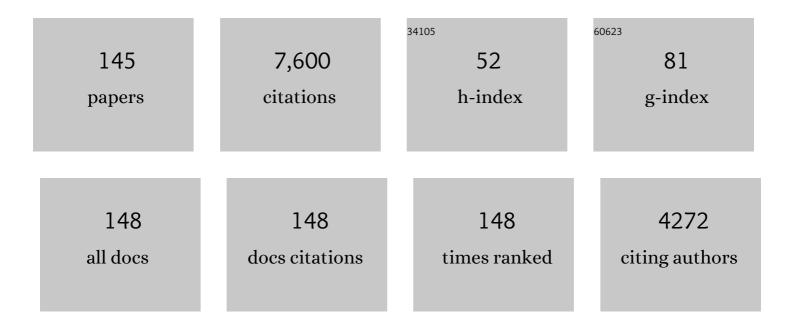
Heinz Richner

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Interaction of climate change with effects of conspecific and heterospecific density on reproduction. Oikos, 2020, 129, 1807-1819.	2.7	3
2	Effect of an introduced parasite in natural and anthropogenic habitats on the breeding success of the endemic little vermilion flycatcher <i>Pyrocephalus nanus</i> in the Galápagos. Journal of Avian Biology, 2020, 51, .	1.2	4
3	Reproductive Behavior and Parasites: Vertebrates. , 2019, , 727-731.		0
4	Effects of an earlyâ€life paraquat exposure on adult resistance to oxidative stress, plumage colour and sperm performance in a wild bird. Journal of Animal Ecology, 2018, 87, 1137-1148.	2.8	7
5	Do parasites and antioxidant availability affect begging behaviour, growth rate and resistance to oxidative stress?. Journal of Evolutionary Biology, 2018, 31, 904-913.	1.7	9
6	Gene flow and adaptive potential in a generalist ectoparasite. BMC Evolutionary Biology, 2018, 18, 99.	3.2	9
7	Alternative reproductive tactics, sperm mobility and oxidative stress in Carollia perspicillata (Seba's) Tj ETQq1	1 0,7843 1,4	314 rgBT /O
8	Relative fitness of a generalist parasite on two alternative hosts: a crossâ€infestation experiment to test host specialization of the hen flea <i>Ceratophyllus gallinae</i> Â(Schrank). Journal of Evolutionary Biology, 2016, 29, 1091-1101.	1.7	5
9	Low but contrasting neutral genetic differentiation shaped by winter temperature in European great tits. Biological Journal of the Linnean Society, 2016, 118, 668-685.	1.6	17
10	Modification of sperm quality after sexual abstinence in Seba's short-tailed bat, <i>Carollia perspicillata</i> . Journal of Experimental Biology, 2016, 219, 1363-1368.	1.7	9
11	Interspecific variation in the relationship between clutch size, laying date and intensity of urbanization in four species of holeâ€nesting birds. Ecology and Evolution, 2016, 6, 5907-5920.	1.9	47
12	Interval singing links to phenotypic quality in a songbird. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12763-12767.	7.1	12
13	Potential Impact of Sexual Transmission on Ebola Virus Epidemiology: Sierra Leone as a Case Study. PLoS Neglected Tropical Diseases, 2016, 10, e0004676.	3.0	23
14	Prosody Predicts Contest Outcome in Non-Verbal Dialogs. PLoS ONE, 2016, 11, e0166953.	2.5	0
15	Physiological responses to increased brood size and ectoparasite infestation: Adult great tits favour self-maintenance. Physiology and Behavior, 2015, 141, 127-134.	2.1	25
16	Electroejaculation and semen buffer evaluation in the microbat Carollia perspicillata. Theriogenology, 2015, 83, 904-910.	2.1	14
17	Parasites suppress immune-enhancing effect of methionine in nestling great tits. Oecologia, 2015, 177, 213-221.	2.0	7
18	Oxidative status and reproductive effort of great tits in a handicapping experiment. Behavioral Ecology, 2015, 26, 747-754.	2.2	26

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19	An evaluation of different methods for assessing eggshell pigmentation and pigment concentration using great tit eggs. Journal of Avian Biology, 2015, 46, 597-607.	1.2	14
20	Effects of nest predation risk on female incubation behavior and offspring growth in great tits. Behavioral Ecology and Sociobiology, 2015, 69, 977-989.	1.4	22
21	Effects of increased begging and vitamin E supplements on oxidative stress and fledging probability. Behavioral Ecology, 2015, 26, 465-471.	2.2	6
22	Immune response, oxidative stress and dietary antioxidants in great tit nestlings. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2015, 179, 192-196.	1.8	27
23	Predator-Specific Effects on Incubation Behaviour and Offspring Growth in Great Tits. PLoS ONE, 2015, 10, e0121088.	2.5	11
24	Resistance to oxidative stress shows low heritability and high common environmental variance in a wild bird. Journal of Evolutionary Biology, 2014, 27, 1990-2000.	1.7	23
25	Variation in clutch size in relation to nest size in birds. Ecology and Evolution, 2014, 4, 3583-3595.	1.9	49
26	Clutchâ€size variation in Western Palaearctic secondary holeâ€nesting passerine birds in relation to nest box design. Methods in Ecology and Evolution, 2014, 5, 353-362.	5.2	36
27	The multivariate egg: quantifying within- and among-clutch correlations between maternally derived yolk immunoglobulins and yolk androgens using multivariate mixed models. Oecologia, 2014, 174, 631-638.	2.0	26
28	Differential effects of vitamins E and C and carotenoids on growth, resistance to oxidative stress, fledging success and plumage colouration in wild great tits. Journal of Experimental Biology, 2014, 217, 1478-84.	1.7	28
29	When bats are boxing: aggressive behaviour and communication in male Seba's short-tailed fruit bat. Animal Behaviour, 2014, 98, 149-156.	1.9	41
30	Parasite- and predator-induced maternal effects in the great tit (Parus major). Behavioral Ecology, 2014, 25, 1105-1114.	2.2	4
31	Yolk carotenoids increase fledging success in great tit nestlings. Oecologia, 2014, 176, 371-377.	2.0	26
32	The adaptive function of hatching asynchrony: an experimental study in great tits. Animal Behaviour, 2013, 86, 567-576.	1.9	16
33	Independent sources of condition dependency and multiple pathways determine a composite trait: lessons from carotenoidâ€based plumage colouration. Journal of Evolutionary Biology, 2013, 26, 635-646.	1.7	7
34	Partial incubation and its function in great tits (Parus major)—an experimental test. Behavioral Ecology, 2013, 24, 643-649.	2.2	12
35	Nestling erythrocyte resistance to oxidative stress predicts fledging success but not local recruitment in a wild bird. Biology Letters, 2013, 9, 20120888.	2.3	35
36	Heterozygosity is linked to the costs of immunity in nestling great tits (Parus major). Ecology and Evolution, 2013, 3, 4815-4827.	1.9	7

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37	Brood Reduction via Intra-clutch Variation in Testosterone - An Experimental Test in the Great Tit. PLoS ONE, 2013, 8, e56672.	2.5	8
38	On the Equivalence of Host Local Adaptation and Parasite Maladaptation: An Experimental Test. American Naturalist, 2012, 179, 270-281.	2.1	24
39	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 August 2011–30 September 2011. Molecular Ecology Resources, 2012, 12, 185-189.	4.8	32
40	Ectoparasite reproductive performance when host condition varies. Parasitology Research, 2012, 111, 1193-1203.	1.6	3
41	Offspring social network structure predicts fitness in families. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 4914-4922.	2.6	51
42	Preparing Offspring for a Dangerous World: Potential Costs of Being Wrong. PLoS ONE, 2012, 7, e48840.	2.5	9
43	Parasites as mediators of heterozygosity–fitness correlations in the Great Tit (<i>Parus major</i>). Journal of Evolutionary Biology, 2012, 25, 584-590.	1.7	19
44	An experimental test of predator–parasite interaction in a passerine bird. Oikos, 2012, 121, 1691-1701.	2.7	6
45	Maternal steroids in egg yolk as a pathway to translate predation risk to offspring: Experiments with great tits. General and Comparative Endocrinology, 2012, 176, 211-214.	1.8	27
46	Influence of host profitability and microenvironmental conditions on parasite specialization on a main and an alternative hosts. Journal of Evolutionary Biology, 2011, 24, 1212-1225.	1.7	6
47	Higher <i>in vitro</i> resistance to oxidative stress in extraâ€pair offspring. Journal of Evolutionary Biology, 2011, 24, 2525-2530.	1.7	4
48	Predation risk affects offspring growth via maternal effects. Functional Ecology, 2011, 25, 878-888.	3.6	113
49	Increased predation risk on mothers affects survival of parasites feeding on the offspring. Animal Behaviour, 2011, 81, 1071-1075.	1.9	7
50	Reproductive effort transiently reduces antioxidant capacity in a wild bird. Behavioral Ecology, 2011, 22, 1218-1226.	2.2	38
51	Immune Activation Reduces Sperm Quality in the Great Tit. PLoS ONE, 2011, 6, e22221.	2.5	48
52	Sperm morphology, swimming velocity, and longevity in the house sparrow Passer domesticus. Behavioral Ecology and Sociobiology, 2010, 64, 557-565.	1.4	63
53	Sperm of colourful males are better protected against oxidative stress. Ecology Letters, 2010, 13, 213-222.	6.4	131
54	Effect of sibling competition and male carotenoid supply on offspring condition and oxidative stress. Behavioral Ecology, 2010, 21, 1271-1277.	2.2	13

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55	The Design of Artificial Nestboxes for the Study of Secondary Hole-Nesting Birds: A Review of Methodological Inconsistencies and Potential Biases. Acta Ornithologica, 2010, 45, 1-26.	0.5	274
56	Dissecting Carotenoid from Structural Components of Carotenoidâ€Based Coloration: A Field Experiment with Great Tits (<i>Parus major</i>). American Naturalist, 2010, 176, 55-62.	2.1	52
57	Long-term effects of early parasite exposure on song duration and singing strategy in great tits. Behavioral Ecology, 2009, 20, 265-270.	2.2	43
58	Transgenerational immunity in a bird–ectoparasite system: do maternally transferred antibodies affect parasite fecundity or the offspring's susceptibility to fleas?. Ibis, 2009, 151, 160-170.	1.9	13
59	Melanin-based colorations signal strategies to cope with poor and rich environments. Behavioral Ecology and Sociobiology, 2008, 62, 507-519.	1.4	74
60	A parasiteâ€induced maternal effect can reduce survival times of fleas feeding on great tit nestlings. Oikos, 2008, 117, 1209-1217.	2.7	10
61	Carotenoidâ€induced maternal effects interact with ectoparasite burden and brood size to shape the tradeâ€off between growth and immunity in nestling great tits. Functional Ecology, 2008, 22, 854-863.	3.6	22
62	Sexâ€related effects of maternal egg investment on offspring in relation to carotenoid availability in the great tit. Journal of Animal Ecology, 2008, 77, 74-82.	2.8	28
63	Differential food allocation by male and female great tit, Parus major, parents: are parents or offspring in control?. Animal Behaviour, 2008, 75, 1563-1569.	1.9	28
64	Differential effects of yolk hormones on maternal and paternal contribution to parental care. Animal Behaviour, 2008, 75, 1989-1994.	1.9	23
65	Maternally transmitted parasite defence can be beneficial in the absence of parasites. Oikos, 2008, 117, 223-230.	2.7	14
66	AN EXPERIMENTAL STUDY ON THE INFLUENCE OF TICK INFESTATIONS ON NESTLING PERFORMANCE IN GREAT TITS (PARUS MAJOR). Auk, 2008, 125, 915-922.	1.4	9
67	Ultraviolet reflectance of plumage for parent–offspring communication in the great tit (Parus) Tj ETQq1 1 0.78	4314 rgBT 2.2	- /Overlock 1 41
68	Females of carotenoid-supplemented males are more faithful and produce higher quality offspring. Behavioral Ecology, 2008, 19, 1165-1172.	2.2	12
69	Fleas, parental care, and transgenerational effects on tick load in the great tit. Behavioral Ecology, 2008, 19, 1225-1234.	2.2	27
70	SPATIAL SCALE OF LOCAL BREEDING HABITAT QUALITY AND ADJUSTMENT OF BREEDING DECISIONS. Ecology, 2008, 89, 1436-1444.	3.2	25
71	Maternal Modulation of Natal Dispersal in a Passerine Bird: An Adaptive Strategy to Cope with Parasitism?. American Naturalist, 2007, 169, 87-93.	2.1	92
72	Nestling begging intensity and parental effort in relation to prelaying carotenoid availability. Behavioral Ecology, 2007, 19, 108-115.	2.2	36

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73	Carotenoidâ€Based Plumage Colors and Immune Function: Is There a Tradeâ€Off for Rare Carotenoids?. American Naturalist, 2007, 169, S137-S144.	2.1	74
74	Host condition and host immunity affect parasite fitness in a bird?ectoparasite system. Functional Ecology, 2007, 21, 372-378.	3.6	117
75	Cellular immune response, stress resistance and competitiveness in nestling great tits in relation to maternally transmitted carotenoids. Functional Ecology, 2007, 21, 335-343.	3.6	35
76	A flea-induced pre-hatching maternal effect modulates tick feeding behaviour on great tit nestlings. Functional Ecology, 2007, 22, 071018050741001-???.	3.6	2
77	Parental influence on sibling rivalry in great tit, Parus major, nests. Animal Behaviour, 2007, 74, 977-983.	1.9	16
78	Analysis of genetic parentage in the tawny owl (Strix aluco) reveals extra-pair paternity is low. Journal of Ornithology, 2007, 148, 113-116.	1.1	20
79	Parasites shape the optimal investment in immunity. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 1773-1777.	2.6	77
80	Maternal yolk testosterone does not modulate parasite susceptibility or immune function in great tit nestlings. Journal of Animal Ecology, 2005, 74, 675-682.	2.8	86
81	Female-biased mortality in experimentally parasitized Alpine Swift Apus melba nestlings. Functional Ecology, 2005, 19, 405-413.	3.6	75
82	Carotenoid-based nestling colouration and parental favouritism in the great tit. Oecologia, 2005, 143, 477-482.	2.0	61
83	LONG-TERM LIFE-HISTORY CONSEQUENCES OF ECTOPARASITE-MODULATED GROWTH AND DEVELOPMENT. Ecology, 2004, 85, 2018-2026.	3.2	59
84	Ectoparasite–modulated deposition of maternal androgens in great tit eggs. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 1371-1375.	2.6	102
85	Life history and fitness consequences of ectoparasites. Journal of Animal Ecology, 2004, 73, 216-226.	2.8	124
86	Additive effects of ectoparasites over reproductive attempts in the longâ€lived alpine swift. Journal of Animal Ecology, 2004, 73, 1080-1088.	2.8	40
87	Parasitism, developmental plasticity and bilateral asymmetry of wing feathers in alpine swift,Apus melba, nestlings. Oikos, 2004, 106, 317-323.	2.7	15
88	Navigation in a cup: chick positioning in great tit, Parus major, nests. Animal Behaviour, 2004, 68, 941-948.	1.9	52
89	Carotenoid-based colour expression is determined early in nestling life. Oecologia, 2003, 137, 148-152.	2.0	63
90	Induced responses of nestling great tits reduce hen flea reproduction. Oikos, 2003, 102, 67-74.	2.7	18

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91	Proximate mechanisms of variation in the carotenoid-based plumage coloration of nestling great tits (Parus major L.). Journal of Evolutionary Biology, 2003, 16, 91-100.	1.7	109
92	Which chick is tasty to parasites? The importance of host immunology vs. parasite life history. Journal of Animal Ecology, 2003, 72, 75-81.	2.8	78
93	Parasitism and developmental plasticity in Alpine swift nestlings. Journal of Animal Ecology, 2003, 72, 633-639.	2.8	77
94	Sexual dimorphism in susceptibility to parasites and cell-mediated immunity in great tit nestlings. Journal of Animal Ecology, 2003, 72, 839-845.	2.8	197
95	Isolation and characterization of 23 microsatellite loci in the hen flea Ceratophyllus gallinae. Molecular Ecology Notes, 2003, 3, 215-217.	1.7	2
96	Isolation and characterization of 16 microsatellite loci in the Great Tit Parus major. Molecular Ecology Notes, 2003, 3, 520-522.	1.7	66
97	EFFECTS OF COMMON ORIGIN AND COMMON ENVIRONMENT ON NESTLING PLUMAGE COLORATION IN THE GREAT TIT (PARUS MAJOR). Evolution; International Journal of Organic Evolution, 2003, 57, 144-150.	2.3	55
98	EFFECTS OF COMMON ORIGIN AND COMMON ENVIRONMENT ON NESTLING PLUMAGE COLORATION IN THE GREAT TIT (PARUS MAJOR). Evolution; International Journal of Organic Evolution, 2003, 57, 144.	2.3	1
99	Adoption as an offspring strategy to reduce ectoparasite exposure. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, S114-6.	2.6	18
100	Brood size, sibling competition, and the cost of begging in great tits (Parus major). Behavioral Ecology, 2003, 14, 457-462.	2.2	122
101	Differential effects of a parasite on ornamental structures based on melanins and carotenoids. Behavioral Ecology, 2002, 13, 401-407.	2.2	140
102	LARVAL COMPETITION AFFECTS THE LIFE HISTORIES AND DISPERSAL BEHAVIOR OF AN AVIAN ECTOPARASITE. Ecology, 2002, 83, 935-945.	3.2	24
103	Covariation between egg size and rearing condition determines offspring quality: an experiment with the alpine swift. Oecologia, 2002, 132, 231-234.	2.0	54
104	Parasite-induced maternal response in a natural bird population. Journal of Animal Ecology, 2002, 71, 247-252.	2.8	78
105	Behavioural responses to ectoparasites: time-budget adjustments and what matters to Blue Tits Parus caeruleus infested by fleas. Ibis, 2002, 144, 461-469.	1.9	60
106	Parent–offspring conflict and the genetics of offspring solicitation and parental response. Animal Behaviour, 2001, 62, 395-407.	1.9	73
107	The quantitative genetic basis of offspring solicitation and parental response in a passerine bird with biparental care. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 2127-2132.	2.6	122
108	BIRD–ECTOPARASITE INTERACTIONS, NEST HUMIDITY, AND ECTOPARASITE COMMUNITY STRUCTURE. Ecology, 2000, 81, 958-968.	3.2	50

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109	Barn owl (Tyto alba) siblings vocally negotiate resources. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 459-463.	2.6	112
110	Bird-Ectoparasite Interactions, Nest Humidity, and Ectoparasite Community Structure. Ecology, 2000, 81, 958.	3.2	73
111	On the functional significance of masking behaviour in sea urchins-an experiment with Paracentrotus lividus. Marine Ecology - Progress Series, 2000, 205, 307-308.	1.9	20
112	Immunocompetence of nestling great tits in relation to rearing environment and parentage. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 2315-2322.	2.6	159
113	Ectoparasite infestation and sex-biased local recruitment of hosts. Nature, 1999, 400, 63-65.	27.8	71
114	Dynamics of Hen Flea Ceratophyllus gallinae Subpopulations in Blue Tit Nests. Journal of Insect Behavior, 1999, 12, 159-174.	0.7	46
115	Offspring sex ratio is related to male body size in the great tit (Parus major). Behavioral Ecology, 1999, 10, 68-72.	2.2	129
116	DENSITY-DEPENDENT PROCESSES IN THE POPULATION DYNAMICS OF A BIRD ECTOPARASITECERATOPHYLLUS GALLINAE. Ecology, 1999, 80, 1267-1277.	3.2	51
117	Density-Dependent Processes in the Population Dynamics of a Bird Ectoparasite Ceratophyllus gallinae. Ecology, 1999, 80, 1267.	3.2	12
118	Ectoparasitism and the Trade-Off between Current and Future Reproduction. Oikos, 1999, 86, 535.	2.7	74
119	Begging signals and biparental care: nestling choice between parental feeding locations. Animal Behaviour, 1998, 55, 215-222.	1.9	133
120	Genetic, Environmental, and Condition-Dependent Effects on Female and Male Ornamentation in the Barn Owl Tyto alba. Evolution; International Journal of Organic Evolution, 1998, 52, 1451.	2.3	31
121	Benefits of induced host responses against an ectoparasite. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 51-56.	2.6	104
122	GENETIC, ENVIRONMENTAL, AND CONDITION-DEPENDENT EFFECTS ON FEMALE AND MALE ORNAMENTATION IN THE BARN OWL <i>TYTO ALBA</i> . Evolution; International Journal of Organic Evolution, 1998, 52, 1451-1460.	2.3	52
123	Does loss of mass during breeding correlate with reproductive success? A study on Blue Tits <i>Parus caeruleus</i> . Ibis, 1998, 140, 210-213.	1.9	19
124	Clutch size and malarial parasites in female great tits. Behavioral Ecology, 1997, 8, 148-152.	2.2	57
125	Host Responses to Ectoparasites: Food Compensation by Parent Blue Tits. Oikos, 1997, 78, 557.	2.7	145
126	Horizontal Transmission and Reproductive Rates of Hen Fleas in Great Tit Nests. Journal of Animal Ecology, 1996, 65, 474.	2.8	62

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127	On Host Life-History Response to Parasitism. Oikos, 1996, 75, 317.	2.7	89
128	Of great tits and fleas: sleep baby sleep Animal Behaviour, 1996, 52, 1087-1092.	1.9	113
129	Clutch size and malaria resistance. Nature, 1996, 381, 565-565.	27.8	114
130	Communal life: honest signaling and the recruitment center hypothesis. Behavioral Ecology, 1996, 7, 115-118.	2.2	78
131	Begging, food provisioning, and nestling competition in great tit broods infested with ectoparasites. Behavioral Ecology, 1996, 7, 127-131.	2.2	214
132	Is the Information Center Hypothesis a Flop?. Advances in the Study of Behavior, 1995, 24, 1-45.	1.6	70
133	Paternal investment affects prevalence of malaria Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 1192-1194.	7.1	233
134	Effect of an ectoparasite on lay date, nest-site choice, desertion, and hatching success in the great tit (Pants major). Behavioral Ecology, 1994, 5, 130-134.	2.2	139
135	Ectoparasite affects choice and use of roost sites in the great tit, Parus major. Animal Behaviour, 1994, 47, 895-898.	1.9	81
136	Seabird colonies and the appeal of the Information Center Hypothesis. Trends in Ecology and Evolution, 1994, 9, 25.	8.7	3
137	Assessment of expected performance and Zahavi's notion of signal. Animal Behaviour, 1993, 45, 399-401.	1.9	5
138	Effect of an Ectoparasite on Reproduction in Great Tits. Journal of Animal Ecology, 1993, 62, 703.	2.8	290
139	The Effect of Extra Food on Fitness in Breeding Carrion Crows. Ecology, 1992, 73, 330-335.	3.2	124
140	Evolution of avian roosting behaviour: a test of the information centre hypothesis and of a critical assumption. Animal Behaviour, 1991, 41, 433-438.	1.9	15
141	Helpersâ€atâ€theâ€nest in Carrion Crows <i>Corvus corone corone</i> . Ibis, 1990, 132, 105-108.	1.9	40
142	Habitat-Specific Growth and Fitness in Carrion Crows (Corvus corone corone). Journal of Animal Ecology, 1989, 58, 427.	2.8	125
143	Phenotypic correlates of dominance in carrion crows and their effects on access to food. Animal Behaviour, 1989, 38, 606-612.	1.9	70
144	Temporal and spatial patterns in the abundance of wintering Redâ€breasted Mergansers <i>Mergus serrator</i> in an estuary. Ibis, 1988, 130, 73-78.	1.9	2

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145	Winter feeding strategies of individually marked herons. Animal Behaviour, 1986, 34, 881-886.	1.9	22