

Erkki Korpimäki

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222
papers

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228
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ext. citations

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L-index

#	Paper	IF	Citations
222	Population oscillations of boreal rodents: regulation by mustelid predators leads to chaos. <i>Nature</i> , 1993 , 364, 232-5	50.4	372
221	Alien predators are more dangerous than native predators to prey populations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007 , 274, 1237-43	4.4	371
220	SMALL-RODENT DYNAMICS AND PREDATION. <i>Ecology</i> , 2001 , 82, 1505-1520	4.6	303
219	Numerical and Functional Responses of Kestrels, Short-Eared Owls, and Long-Eared Owls to Vole Densities. <i>Ecology</i> , 1991 , 72, 814-826	4.6	262
218	Responses of stoats and least weasels to fluctuating food abundances: is the low phase of the vole cycle due to mustelid predation?. <i>Oecologia</i> , 1991 , 88, 552-561	2.9	211
217	EXPERIMENTAL REDUCTION OF PREDATORS REVERSES THE CRASH PHASE OF SMALL-RODENT CYCLES. <i>Ecology</i> , 1998 , 79, 2448-2455	4.6	159
216	Predator-induced synchrony in population oscillations of coexisting small mammal species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005 , 272, 193-202	4.4	141
215	The Puzzles of Population Cycles and Outbreaks of Small Mammals Solved?. <i>BioScience</i> , 2004 , 54, 1071	5.7	139
214	Inter-sexual differences in the immune response of Eurasian kestrel nestlings under food shortage. <i>Ecology Letters</i> , 2002 , 5, 95-101	10	138
213	DOES MOBILITY OR SEX OF VOLES AFFECT RISK OF PREDATION BY MAMMALIAN PREDATORS?. <i>Ecology</i> , 1998 , 79, 226-232	4.6	135
212	Shared predators and indirect trophic interactions: lemming cycles and arctic-nesting geese. <i>Journal of Animal Ecology</i> , 2002 , 71, 88-98	4.7	127
211	Dynamic effects of predators on cyclic voles: field experimentation and model extrapolation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002 , 269, 991-7	4.4	122
210	Microtine Rodent Dynamics in Northern Europe: Parameterized Models for the Predator-Prey Interaction. <i>Ecology</i> , 1995 , 76, 840-850	4.6	122
209	Specialist and generalist natural enemies as an explanation for geographical gradients in population cycles of northern herbivores. <i>Oikos</i> , 2002 , 99, 83-94	4	121
208	Birds of prey as limiting factors of gamebird populations in Europe: a review. <i>Biological Reviews</i> , 2005 , 80, 171-203	13.5	119
207	Female choice in the kestrel under different availability of mating options. <i>Animal Behaviour</i> , 1992 , 43, 659-665	2.8	116
206	Large-scale spatial dynamics of vole populations in Finland revealed by the breeding success of vole-eating avian predators. <i>Journal of Animal Ecology</i> , 2004 , 73, 167-178	4.7	109

205	FOOD LIMITATION ON BROOD SIZE: EXPERIMENTAL EVIDENCE IN THE EURASIAN KESTREL. <i>Ecology</i> , 1997 , 78, 2043-2050	4.6	107
204	Are goose nesting success and lemming cycles linked? Interplay between nest density and predators. <i>Oikos</i> , 2001 , 93, 388-400	4	106
203	Predator manipulation experiments: impacts on populations of terrestrial vertebrate prey. <i>Ecological Monographs</i> , 2010 , 80, 531-546	9	104
202	Rapid or Delayed Tracking of Multi-Annual Vole Cycles by Avian Predators?. <i>Journal of Animal Ecology</i> , 1994 , 63, 619	4.7	104
201	Ultraviolet vision and foraging in terrestrial vertebrates. <i>Oikos</i> , 2002 , 98, 505-511	4	103
200	WINTER FOOD SUPPLY LIMITS GROWTH OF NORTHERN VOLE POPULATIONS IN THE ABSENCE OF PREDATION. <i>Ecology</i> , 2003 , 84, 2108-2118	4.6	102
199	Antibiotic resistance. How wild are wild mammals?. <i>Nature</i> , 2001 , 409, 37-8	50.4	102
198	Variation in the diet composition of a generalist predator, the red fox, in relation to season and density of main prey. <i>Acta Oecologica</i> , 2007 , 31, 276-281	1.7	99
197	Competitive and Predatory Interactions among Raptors: An Observational and Experimental Study. <i>Ecology</i> , 1996 , 77, 1134-1142	4.6	98
196	Fluctuating food supply affects the clutch size of Tengmalm's owl independent of laying date. <i>Oecologia</i> , 1991 , 85, 543-552	2.9	98
195	Interactive effects of parental age and environmental variation on the breeding performance of Tengmalm's owls. <i>Journal of Animal Ecology</i> , 2002 , 71, 23-31	4.7	93
194	Reproductive investment under fluctuating predation risk: Microtine rodents and small mustelids. <i>Evolutionary Ecology</i> , 1994 , 8, 357-368	1.8	92
193	Experimental tests of predation and food hypotheses for population cycles of voles. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2000 , 267, 351-6	4.4	90
192	Effects of feral mink removal on seabirds, waders and passerines on small islands in the Baltic Sea. <i>Biological Conservation</i> , 2003 , 109, 359-368	6.2	89
191	A melanin-based trait reflects environmental growth conditions of nestling male Eurasian kestrels. <i>Evolutionary Ecology</i> , 2007 , 21, 157-171	1.8	87
190	Nonlinear effects of climate on boreal rodent dynamics: mild winters do not negate high-amplitude cycles. <i>Global Change Biology</i> , 2013 , 19, 697-710	11.4	85
189	Microhabitat use and behavior of voles under weasel and raptor predation risk: predator facilitation?. <i>Behavioral Ecology</i> , 1996 , 7, 30-34	2.3	85
188	Female kestrels gain reproductive success by choosing brightly ornamented males. <i>Animal Behaviour</i> , 1994 , 47, 443-448	2.8	84

187	Reproductive responses of birds to experimental food supplementation: a meta-analysis. <i>Frontiers in Zoology</i> , 2014 , 11, 80	2.8	80
186	Copulatory behaviour and paternity determined by DNA fingerprinting in kestrels: effects of cyclic food abundance. <i>Animal Behaviour</i> , 1996 , 51, 945-955	2.8	80
185	Habitat selection as an antipredator behaviour in a multi-predator landscape: all enemies are not equal. <i>Journal of Animal Ecology</i> , 2010 , 79, 327-33	4.7	77
184	Do Breeding Nomadic Avian Predators Dampen Population Fluctuations of Small Mammals?. <i>Oikos</i> , 1991 , 62, 195	4	77
183	Year- and sex-dependent effects of experimental brood sex ratio manipulation on fledging condition of Eurasian kestrels. <i>Journal of Animal Ecology</i> , 2004 , 73, 342-352	4.7	76
182	Archiving Primary Data: Solutions for Long-Term Studies. <i>Trends in Ecology and Evolution</i> , 2015 , 30, 581-589	5.9	72
181	Mobility decisions and the predation risks of reintroduction. <i>Biological Conservation</i> , 2002 , 103, 133-138	6.2	71
180	Clutch Size, Breeding Success and Brood Size Experiments in Tengmalm's Owl <i>Aegolius funereus</i> : A Test of Hypotheses. <i>Ornis Scandinavica</i> , 1987 , 18, 277		71
179	Effects of predator removal on vertebrate prey populations: birds of prey and small mammals. <i>Oecologia</i> , 1995 , 103, 241-248	2.9	70
178	Vole cycles and predation in temperate and boreal zones of Europe. <i>Journal of Animal Ecology</i> , 2005 , 74, 1150-1159	4.7	67
177	Environmental- and parental condition-related variation in sex ratio of kestrel broods. <i>Journal of Avian Biology</i> , 2000 , 31, 128-134	1.9	67
176	Avian Predation Risk Modifies Breeding Bird Community on a Farmland Area. <i>Ecology</i> , 1994 , 75, 1626-1634	4.6	66
175	Risk induced by a native top predator reduces alien mink movements. <i>Journal of Animal Ecology</i> , 2008 , 77, 1092-8	4.7	65
174	Effects of island isolation and feral mink removal on bird communities on small islands in the Baltic Sea. <i>Journal of Animal Ecology</i> , 2004 , 73, 424-433	4.7	64
173	Diet composition, prey choice, and breeding success of Long-eared Owls: effects of multiannual fluctuations in food abundance. <i>Canadian Journal of Zoology</i> , 1992 , 70, 2373-2381	1.5	64
172	Effects of Territory Quality on Occupancy, Breeding Performance and Breeding Dispersal in Tengmalm's Owl. <i>Journal of Animal Ecology</i> , 1988 , 57, 97	4.7	64
171	The onset of incubation in birds: can females control hatching patterns?. <i>Animal Behaviour</i> , 1998 , 55, 1043-52	2.8	61
170	Variable responses of waterfowl breeding populations to long-term removal of introduced American mink. <i>Ecography</i> , 2002 , 25, 385-394	6.5	61

169	Fluctuating Food Abundance Determines the Lifetime Reproductive Success of Male Tengmalm's Owls. <i>Journal of Animal Ecology</i> , 1992 , 61, 103	4.7	59
168	The Boreal Owl: Ecology, Behaviour and Conservation of a Forest-Dwelling Predator 2012 ,		59
167	Blood parasites, sexual selection and reproductive success of European kestrels. <i>Ecoscience</i> , 1995 , 2, 335-343	1.1	56
166	Factors promoting polygyny in European birds of prey-a hypothesis. <i>Oecologia</i> , 1988 , 77, 278-285	2.9	56
165	Nest box design for the study of diurnal raptors and owls is still an overlooked point in ecological, evolutionary and conservation studies: a review. <i>Journal of Ornithology</i> , 2012 , 153, 23-34	1.5	55
164	Landscape effects on temporal and spatial properties of vole population fluctuations. <i>Oecologia</i> , 2003 , 135, 209-20	2.9	55
163	Selection for Nest-Hole Shift and Tactics of Breeding Dispersal in Tengmalm's Owl <i>Aegolius funereus</i> . <i>Journal of Animal Ecology</i> , 1987 , 56, 185	4.7	55
162	Effects of Age on Breeding Performance of Tengmalm's Owl <i>Aegolius funereus</i> in Western Finland. <i>Ornis Scandinavica</i> , 1988 , 19, 21		55
161	The impact of climate and cyclic food abundance on the timing of breeding and brood size in four boreal owl species. <i>Oecologia</i> , 2011 , 165, 349-55	2.9	53
160	Reproduction of the common buzzard at its northern range margin under climatic change. <i>Oikos</i> , 2009 , 118, 829-836	4	53
159	Small Mustelid Predation Slows Population Growth of <i>Microtus</i> Voles: A Predator Reduction Experiment. <i>Journal of Animal Ecology</i> , 1997 , 66, 607	4.7	53
158	Experimental increase of predation risk induces breeding dispersal of Tengmalm's owl. <i>Oecologia</i> , 2001 , 126, 355-359	2.9	53
157	Survival and Natal Dispersal of Fledglings of Tengmalm's Owl in Relation to Fluctuating Food Conditions and Hatching Date. <i>Journal of Animal Ecology</i> , 1988 , 57, 433	4.7	53
156	Diet variation of common buzzards in Finland supports the alternative prey hypothesis. <i>Ecography</i> , 2001 , 24, 267-274	6.5	52
155	Does Nest-Hole Quality, Poor Breeding Success or Food Depletion Drive the Breeding Dispersal of Tengmalm's Owls?. <i>Journal of Animal Ecology</i> , 1993 , 62, 606	4.7	52
154	Nest defence of Tengmalm's owls reflects offspring survival prospects under fluctuating food conditions. <i>Animal Behaviour</i> , 1994 , 48, 843-849	2.8	52
153	Do nomadic avian predators synchronize population fluctuations of small mammals? a field experiment. <i>Oecologia</i> , 1996 , 107, 478-483	2.9	51
152	Determinants of parental effort: a behavioural study in the Eurasian kestrel, <i>Falco tinnunculus</i> . <i>Behavioral Ecology and Sociobiology</i> , 1994 , 35, 355-362	2.5	51

151	Competition, predation and interspecific synchrony in cyclic small mammal communities. <i>Ecography</i> , 2004 , 27, 197-206	6.5	50
150	Changes in individual quality during a 3-year population cycle of voles. <i>Oecologia</i> , 2002 , 130, 239-249	2.9	50
149	Changes in population structure and reproduction during a 3-yr population cycle of voles. <i>Oikos</i> , 2002 , 96, 331-345	4	50
148	Lethal interactions among vertebrate top predators: a review of concepts, assumptions and terminology. <i>Biological Reviews</i> , 2014 , 89, 270-83	13.5	48
147	Phase dependence in winter physiological condition of cyclic voles. <i>Oikos</i> , 2007 , 116, 565-577	4	48
146	Strong seasonality may attenuate trophic cascades: vertebrate predator exclusion in boreal grassland. <i>Oikos</i> , 2002 , 99, 419-430	4	48
145	Body Mass of Breeding Tengmalm's Owls <i>Aegolius funereus</i> : Seasonal, Between-Year, Site and Age-Related Variation. <i>Ornis Scandinavica</i> , 1990 , 21, 169		48
144	The impact of predation risk from small mustelids on prey populations. <i>Mammal Review</i> , 2000 , 30, 147-156		47
143	Reversed sexual size dimorphism in raptors: evaluation of the hypotheses in kestrels breeding in a temporally changing environment. <i>Oecologia</i> , 2000 , 124, 26-32	2.9	47
142	Delayed maturation in plumage colour: Evidence for the female-mimicry hypothesis in the kestrel. <i>Behavioral Ecology and Sociobiology</i> , 1993 , 33, 247-251	2.5	47
141	Towards a cohesive, holistic view of top predation: a definition, synthesis and perspective. <i>Oikos</i> , 2014 , 123, 1234-1243	4	46
140	Do predators limit the abundance of alternative prey? Experiments with vole-eating avian and mammalian predators. <i>Oikos</i> , 2000 , 91, 528-540	4	46
139	Parental effort of kestrels (<i>Falco tinnunculus</i>) in nest defense: effects of laying time, brood size, and varying survival prospects of offspring. <i>Behavioral Ecology</i> , 1995 , 6, 435-441	2.3	45
138	Do delayed effects of overgrazing explain population cycles in voles?. <i>Oikos</i> , 2000 , 90, 509-516	4	42
137	Resource levels, reproduction and resistance to haematozoan infections. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998 , 265, 1197-1201	4.4	42
136	Seasonal changes in the numerical responses of predators to cyclic vole populations. <i>Ecography</i> , 2002 , 25, 428-438	6.5	40
135	Home range size is determined by habitat composition but feeding rate by food availability in male Tengmalm's owls. <i>Animal Behaviour</i> , 2012 , 83, 1115-1123	2.8	39
134	Mammalian nest predator feces as a cue in avian habitat selection decisions. <i>Behavioral Ecology</i> , 2013 , 24, 262-266	2.3	39

133	Density-dependent vole damage in silviculture and associated economic losses at a nationwide scale. <i>Forest Ecology and Management</i> , 2009 , 258, 1219-1224	3.9	39
132	Variation in clutch size in relation to nest size in birds. <i>Ecology and Evolution</i> , 2014 , 4, 3583-95	2.8	38
131	Breeding performance of Tengmalm's Owl <i>Aegolius funereus</i> : effects of supplementary feeding in a peak vole year. <i>Ibis</i> , 2008 , 131, 51-56	1.9	38
130	Habitat composition as a determinant of reproductive success of Tengmalm's owls under fluctuating food conditions. <i>Oikos</i> , 2003 , 100, 162-171	4	37
129	Predator presence may benefit: kestrels protect curlew nests against nest predators. <i>Oecologia</i> , 1995 , 101, 105-109	2.9	37
128	Prey choice of Tengmalm's owls (<i>Aegolius funereus funereus</i>): preference for substandard individuals?. <i>Canadian Journal of Zoology</i> , 1996 , 74, 816-823	1.5	37
127	Effects of brood size manipulations on offspring and parental survival in the European kestrel under fluctuating food conditions. <i>Ecoscience</i> , 1996 , 3, 264-273	1.1	37
126	Blood parasites and nest defense behaviour of Tengmalm's owls. <i>Oecologia</i> , 1998 , 114, 574-577	2.9	36
125	Costs of Reproduction and Success of Manipulated Broods Under Varying Food Conditions in Tengmalm's Owl. <i>Journal of Animal Ecology</i> , 1988 , 57, 1027	4.7	36
124	The predation risks of interspecific eavesdropping: weasel-vole interactions. <i>Oikos</i> , 2010 , 119, 1210-1216	4	35
123	Sex-Specific Recruitment and Brood Sex Ratios of Eurasian Kestrels in a Seasonally and Annually Fluctuating Northern Environment. <i>Evolutionary Ecology</i> , 2004 , 18, 215-230	1.8	35
122	Vole cycles and predation. <i>Trends in Ecology and Evolution</i> , 2003 , 18, 494-495	10.9	35
121	Diet variation of common buzzards in Finland supports the alternative prey hypothesis. <i>Ecography</i> , 2001 , 24, 267-274	6.5	35
120	Do kestrels adjust their parental effort to current or future benefit in a temporally varying environment?. <i>Ecoscience</i> , 1996 , 3, 165-172	1.1	35
119	Dynamic impacts of feral mink predation on vole metapopulations in the outer archipelago of the Baltic Sea. <i>Oikos</i> , 2004 , 105, 79-88	4	34
118	Do scent marks increase predation risk of microtine rodents?. <i>Oikos</i> , 2001 , 95, 275-281	4	34
117	Hatching asynchrony in the Eurasian kestrel <i>Falco tinnunculus</i> : an experimental test of the brood reduction hypothesis. <i>Journal of Animal Ecology</i> , 2000 , 69, 85-95	4.7	34
116	Interspecific variation in the relationship between clutch size, laying date and intensity of urbanization in four species of hole-nesting birds. <i>Ecology and Evolution</i> , 2016 , 6, 5907-20	2.8	34

115	Reproductive success and parental effort of Tengmalm's owls: Effects of spatial and temporal variation in habitat quality. <i>Ecoscience</i> , 1997 , 4, 35-42	1.1	33
114	Does feeding effort of Tengmalm's owls reflect offspring survival prospects in cyclic food conditions?. <i>Oecologia</i> , 1994 , 97, 209-214	2.9	33
113	Gradients in population fluctuations of Tengmalm's owl <i>Aegolius funereus</i> in Europe. <i>Oecologia</i> , 1986 , 69, 195-201	2.9	33
112	Timing of breeding of Tengmalm's Owl <i>Aegolius funereus</i> in relation to vole dynamics in western Finland. <i>Ibis</i> , 1987 , 129, 58-68	1.9	33
111	Clutch-size variation in Western Palaearctic secondary hole-nesting passerine birds in relation to nest box design. <i>Methods in Ecology and Evolution</i> , 2014 , 5, 353-362	7.7	32
110	Inter-clutch egg size variation in kestrels <i>Falco tinnunculus</i> : seasonal decline under fluctuating food conditions. <i>Journal of Avian Biology</i> , 2002 , 33, 426-432	1.9	32
109	Does the Year-to-Year Variation in the Diet of Eagle and Ural Owls Support the Alternative Prey Hypothesis?. <i>Oikos</i> , 1990 , 58, 47	4	32
108	Mechanisms and reproductive consequences of breeding dispersal in a specialist predator under temporally varying food conditions. <i>Oikos</i> , 2015 , 124, 762-771	4	31
107	Hatching asynchrony in Eurasian kestrels in relation to the abundance and predictability of cyclic prey. <i>Journal of Animal Ecology</i> , 1998 , 67, 908-17	4.7	30
106	Alien mink predation induces prolonged declines in archipelago amphibians. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006 , 273, 1261-5	4.4	30
105	Assessing the effects of climate on host-parasite interactions: a comparative study of European birds and their parasites. <i>PLoS ONE</i> , 2013 , 8, e82886	3.7	30
104	Prey caching of breeding Tengmalm's Owls <i>Aegolius funereus</i> as a buffer against temporary food shortage. <i>Ibis</i> , 2008 , 129, 499-510	1.9	29
103	Delayed numerical response of goshawks to population fluctuations of forest grouse. <i>Oikos</i> , 2005 , 111, 408-415	4	29
102	Public information revealed by pellets in nest sites is more important than ecto-parasite avoidance in the settlement decisions of Eurasian kestrels. <i>Behavioral Ecology and Sociobiology</i> , 2014 , 68, 2023-2034	5	28
101	Do Tengmalm's owls see vole scent marks visible in ultraviolet light?. <i>Animal Behaviour</i> , 1997 , 54, 873-7	2.8	28
100	Influence of hatching order on growth rate and resting metabolism of kestrel nestlings. <i>Journal of Avian Biology</i> , 2002 , 33, 235-244	1.9	28
99	Functional response of the least weasel, <i>Mustela nivalis nivalis</i> . <i>Oikos</i> , 2000 , 90, 501-508	4	28
98	Predator-vole interactions in Northern Europe: the role of small mustelids revised. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281,	4.4	27

97	Do Tengmalm's Owls alter parental feeding effort under varying conditions of main prey availability?. <i>Journal of Ornithology</i> , 2009 , 150, 231-237	1.5	27
96	Parental Effort and Blood Parasitism in Tengmalm's Owl: Effects of Natural and Experimental Variation in Food Abundance. <i>Oikos</i> , 1999 , 86, 79	4	27
95	Immediate or lagged responses of a red squirrel population to pulsed resources. <i>Oecologia</i> , 2015 , 177, 401-11	2.9	26
94	Competitors and predators alter settlement patterns and reproductive success of an intraguild prey. <i>Ecological Monographs</i> , 2017 , 87, 4-20	9	26
93	Hatching asynchrony and brood reduction in Tengmalm's owl <i>Aegolius funereus</i> : the role of temporal and spatial variation in food abundance. <i>Oecologia</i> , 2002 , 133, 334-341	2.9	26
92	Rate of population change in voles from different phases of the population cycle. <i>Oikos</i> , 2002 , 96, 291-298	2.9	26
91	Spatial synchrony in vole population fluctuations in a field experiment. <i>Oikos</i> , 2005 , 109, 583-593	4	26
90	Poor reproductive success of polygynously mated female Tengmalm's owls: are better options available?. <i>Animal Behaviour</i> , 1991 , 41, 37-47	2.8	26
89	Mating system and mate choice of Tengmalm's Owls <i>Aegolius funereus</i> . <i>Ibis</i> , 2008 , 131, 41-50	1.9	25
88	Trophic Structure of Raptor Communities: A Three-Continent Comparison and Synthesis 1993 , 47-137		25
87	Effects of experimental brood size manipulation and gender on carotenoid levels of Eurasian kestrels <i>Falco tinnunculus</i> . <i>PLoS ONE</i> , 2008 , 3, e2374	3.7	25
86	Sequential polyandry by brood desertion increases female fitness in a bird with obligatory bi-parental care. <i>Behavioral Ecology and Sociobiology</i> , 2011 , 65, 1093-1102	2.5	24
85	Lifetime reproduction of a forest-dwelling owl increases with age and area of forests. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004 , 271 Suppl 6, S461-4	4.4	24
84	Survival of male Tengmalm's owls under temporally varying food conditions. <i>Oecologia</i> , 2002 , 131, 83-88	2.9	24
83	Differences in the intensity of nest predation in the curlew <i>Numenius arquata</i> : A consequence of land use and predator densities?. <i>Ecoscience</i> , 1999 , 6, 497-504	1.1	24
82	Breeding dispersal of Eurasian kestrels <i>Falco tinnunculus</i> under temporally fluctuating food abundance. <i>Journal of Avian Biology</i> , 2011 , 42, 552-563	1.9	23
81	Survival of male Tengmalm's owls increases with cover of old forest in their territory. <i>Oecologia</i> , 2008 , 155, 479-86	2.9	22
80	Dark or short nights: differential latitudinal constraints in nestling provisioning patterns of a nocturnally hunting bird species. <i>PLoS ONE</i> , 2012 , 7, e36932	3.7	22

79	Avian top predator and the landscape of fear: responses of mammalian mesopredators to risk imposed by the golden eagle. <i>Ecology and Evolution</i> , 2015 , 5, 503-14	2.8	21
78	Mate Choice and Reproductive Success in the American Kestrel: a Role for Blood Parasites?. <i>Ethology</i> , 2010 , 103, 304-317	1.7	21
77	Spatial dynamics of <i>Microtus</i> vole populations in continuous and fragmented agricultural landscapes. <i>Oecologia</i> , 2008 , 155, 53-61	2.9	21
76	Predator-induced changes in population structure and individual quality of <i>Microtus</i> voles: a large-scale field experiment. <i>Oikos</i> , 2004 , 105, 312-324	4	21
75	Kestrels prefer scent marks according to species and reproductive status of voles. <i>Ecoscience</i> , 1999 , 6, 415-420	1.1	21
74	Environmental, parental and adaptive variation in egg size of Tengmalm's owls under fluctuating food conditions. <i>Oecologia</i> , 1994 , 98, 362-368	2.9	21
73	Experimental Reduction of Predators Reverses the Crash Phase of Small-Rodent Cycles. <i>Ecology</i> , 1998 , 79, 2448	4.6	20
72	Refuge sites of voles under owl predation risk: priority of dominant individuals?. <i>Behavioral Ecology</i> , 1998 , 9, 261-266	2.3	20
71	Coping with fast climate change in northern ecosystems: mechanisms underlying the population-level response of a specialist avian predator. <i>Ecography</i> , 2015 , 38, 690-699	6.5	19
70	Food abundance and weather modify reproduction of two arboreal squirrel species. <i>Journal of Mammalogy</i> , 2016 , 97, 1376-1384	1.8	19
69	Body reserves and unpredictable breeding conditions in the Eurasian kestrel, <i>Falco tinnunculus</i> . <i>Ecoscience</i> , 1999 , 6, 406-414	1.1	19
68	Reproductive responses of temperate and boreal Tengmalm's Owl <i>Aegolius funereus</i> populations to spatial and temporal variation in prey availability. <i>Ibis</i> , 2015 , 157, 369-383	1.9	18
67	Increased autumn rainfall disrupts predator-prey interactions in fragmented boreal forests. <i>Global Change Biology</i> , 2017 , 23, 1361-1373	11.4	17
66	Variation in eggshell traits between geographically distant populations of pied flycatchers <i>Ficedula hypoleuca</i> . <i>Journal of Avian Biology</i> , 2013 , 44, 111-120	1.9	16
65	Interspecific competition limits larders of pygmy owls <i>Glaucidium passerinum</i> . <i>Journal of Avian Biology</i> , 2007 , 38, 630-634	1.9	16
64	CONVERGENT EVOLUTION OF ELANUS KITES AND THE OWLS. <i>Journal of Raptor Research</i> , 2006 , 40, 222-235		16
63	SMALL-RODENT DYNAMICS AND PREDATION 2001 , 82, 1505		16
62	Behavioural responses of voles to simulated risk of predation by a native and an alien mustelid: an odour manipulation experiment. <i>Wildlife Research</i> , 2010 , 37, 273	1.8	15

61	Sex roles, parental effort and offspring desertion in the monogamous Eurasian Curlew <i>Numenius arquata</i> . <i>Ibis</i> , 2001 , 143, 642-650	1.9	15
60	Evaluating the influence of diet-related variables on breeding performance and home range behaviour of a top predator. <i>Population Ecology</i> , 2015 , 57, 625-636	2.1	14
59	Landscape homogenization due to agricultural intensification disrupts the relationship between reproductive success and main prey abundance in an avian predator. <i>Frontiers in Zoology</i> , 2019 , 16, 31	2.8	14
58	Reduced nest defence intensity and improved breeding success in terns as responses to removal of non-native American mink. <i>Behavioral Ecology and Sociobiology</i> , 2004 , 55, 454-460	2.5	14
57	Niche Relationships and Life-History Tactics of Three Sympatric Strix Owl Species in Finland. <i>Ornis Scandinavica</i> , 1986 , 17, 126		14
56	Interspecific competition limits larders of pygmy owls <i>Glaucidium passerinum</i> . <i>Journal of Avian Biology</i> , 2007 , 38, 630-634	1.9	14
55	What Explains Forest Grouse Mortality: Predation Impacts of Raptors, Vole Abundance, or Weather Conditions?. <i>International Journal of Ecology</i> , 2012 , 2012, 1-10	1.9	13
54	Geographical trends in the yolk carotenoid composition of the pied flycatcher (<i>Ficedula hypoleuca</i>). <i>Oecologia</i> , 2011 , 165, 277-87	2.9	13
53	Vulnerability of black grouse hens to goshawk predation: result of food supply or predation facilitation?. <i>Oecologia</i> , 2011 , 166, 577-84	2.9	13
52	Low heritability in morphological characters of Tengmalm's owls: The role of cyclic food and laying date?. <i>Evolutionary Ecology</i> , 1996 , 10, 207-219	1.8	13
51	Higher nest predation risk in association with a top predator: mesopredator attraction?. <i>Oecologia</i> , 2012 , 170, 507-15	2.9	12
50	Plasticity in incubation behaviour under experimentally prolonged vulnerability to nest predation. <i>Behaviour</i> , 2013 , 150, 1767-1786	1.4	12
49	Does removal of an alien predator from small islands in the Baltic Sea induce a trophic cascade?. <i>Ecography</i> , 2009 , 32, 546-552	6.5	12
48	Tree cavity abundance and beyond: Nesting and food storing sites of the pygmy owl in managed boreal forests. <i>Forest Ecology and Management</i> , 2020 , 460, 117818	3.9	11
47	Food supplementation and predation risk in harsh climate: interactive effects on abundance and body condition of tit species. <i>Oikos</i> , 2017 , 126, 863-873	4	11
46	Why do territorial male Tengmalm's owls fail to obtain a mate?. <i>Oecologia</i> , 1998 , 114, 578-582	2.9	11
45	Predation risk landscape modifies flying and red squirrel nest site occupancy independently of habitat amount. <i>PLoS ONE</i> , 2018 , 13, e0194624	3.7	11
44	Solutions for Archiving Data in Long-Term Studies: A Reply to Whitlock et al. <i>Trends in Ecology and Evolution</i> , 2016 , 31, 85-87	10.9	10

43	Varying impacts of cervid, hare and vole browsing on growth and survival of boreal tree seedlings. <i>Oecologia</i> , 2014 , 174, 271-81	2.9	10
42	Effects of Home-Range Characteristics on the Diet Composition of Female American Mink in the Baltic Sea Archipelago. <i>Annales Zoologici Fennici</i> , 2010 , 47, 111-122	0.9	10
41	Multiple predators induce risk reduction in coexisting vole species. <i>Oikos</i> , 2009 , 118, 1421-1429	4	10
40	Does avian predation risk depress reproduction of voles?. <i>Oecologia</i> , 1998 , 115, 149-153	2.9	10
39	Smaller <i>Microtus</i> vole species competitively superior in the absence of predators. <i>Oikos</i> , 2007 , 116, 156-162		9
38	Age and sex differences in numerical responses, dietary shifts, and total responses of a generalist predator to population dynamics of main prey. <i>Oecologia</i> , 2020 , 192, 699-711	2.9	8
37	Predation risk affects the levels of maternal immune factors in avian eggs. <i>Journal of Avian Biology</i> , 2013 , 44, no-no	1.9	8
36	Habitat-mediated impact of alien mink predation on common frog densities in the outer archipelago of the Baltic Sea. <i>Oecologia</i> , 2010 , 163, 405-13	2.9	8
35	Species-specific limitation of vole population growth by least weasel predation: facilitation of coexistence?. <i>Oikos</i> , 2008 , 117, 6-12	4	8
34	Voies on small islands: effects of food limitation and alien predation. <i>Oecologia</i> , 2008 , 157, 419-28	2.9	8
33	Survival Through Bottlenecks of Vole Cycles: Refuge or Chance Events?. <i>Evolutionary Ecology</i> , 2005 , 19, 339-361	1.8	8
32	Predator-rodent-plant interactions along a coast-inland gradient in Fennoscandian tundra. <i>Ecography</i> , 2016 , 39, 871-883	6.5	8
31	Food hoarding of an avian predator: sex- and age-related differences under fluctuating food conditions. <i>Behavioral Ecology and Sociobiology</i> , 2018 , 72, 1	2.5	8
30	Predator Presence, but not Food Supplementation, Affects Forest Red Squirrels in Winter. <i>Annales Zoologici Fennici</i> , 2016 , 53, 183-193	0.9	7
29	Brood size manipulations in a spatially and temporally varying environment: male Tengmalm's owls pass increased reproductive costs to offspring. <i>Oecologia</i> , 2014 , 176, 423-30	2.9	7
28	Guardian or threat: does golden eagle predation risk have cascading effects on forest grouse?. <i>Oecologia</i> , 2016 , 182, 487-98	2.9	7
27	Food supplementation, but not predation risk, alters female antioxidant status during breeding. <i>Behavioral Ecology and Sociobiology</i> , 2017 , 71, 1	2.5	6
26	Maternal transfer of androgens in eggs is affected by food supplementation but not by predation risk. <i>Journal of Avian Biology</i> , 2016 , 47, 629-641	1.9	6

25	Factors affecting the duration of nestling period and fledging order in Tengmalm's owl (<i>Aegolius funereus</i>): effect of wing length and hatching sequence. <i>PLoS ONE</i> , 2015 , 10, e0121641	3.7	6
24	Determinants of parental effort: a behavioural study in the Eurasian kestrel, <i>Falco tinnunculus</i> 1994 , 35, 355		6
23	The difference between generalist and specialist: the effects of wide fluctuations in main food abundance on numbers and reproduction of two co-existing predators. <i>Journal of Avian Biology</i> , 2020 , 51,	1.9	5
22	Parental care of kestrels living in stable and varying environmental conditions. <i>Journal of Ethology</i> , 2005 , 23, 63-67	1.1	5
21	Clear-cut areas and breeding success of Tengmalm's owls <i>Aegolius funereus</i> . <i>Wildlife Biology</i> , 1996 , 2, 253-258	1.7	5
20	Ilkka Hanski and Small Mammals: from Shrew Metapopulations to Vole and Lemming Cycles. <i>Annales Zoologici Fennici</i> , 2017 , 54, 153-162	0.9	4
19	Antioxidant Enzyme Activities Vary with Predation Risk and Environmental Conditions in Free-Living Passerine Birds. <i>Physiological and Biochemical Zoology</i> , 2018 , 91, 837-848	2	4
18	Responses of Owls and Eurasian Kestrels to Spatio-Temporal Variation of Their Main Prey. <i>Ardea</i> , 2009 , 97, 646-647	0.9	4
17	Simulated Owl Predation Risk to Voles Modifies Browsing Effects on Tree Seedling Growth. <i>Annales Zoologici Fennici</i> , 2018 , 55, 93-101	0.9	3
16	Clutch size and breeding success in relation to nest-box size in Tengmalm's owl <i>Aegolius funereus</i> . <i>Ecography</i> , 1985 , 8, 175-180	6.5	3
15	Interactive influences of fluctuations of main food resources and climate change on long-term population decline of Tengmalm's owls in the boreal forest. <i>Scientific Reports</i> , 2020 , 10, 20429	4.9	3
14	Do predators modify context-dependent dispersal of red squirrels?. <i>Behavioral Ecology and Sociobiology</i> , 2018 , 72, 1	2.5	2
13	Alien Mink Predation and Colonisation Processes of Rodent Prey on Small Islands of the Baltic Sea: Does Prey Naïveté Matter?. <i>International Journal of Ecology</i> , 2010 , 2010, 1-7	1.9	2
12	Are mature female voles more susceptible than immature ones to avian predation?. <i>Acta Oecologica</i> , 1998 , 19, 389-393	1.7	2
11	Climate change and perishable food hoards of an avian predator: Is the freezer still working?. <i>Global Change Biology</i> , 2020 , 26, 5414-5430	11.4	2
10	Why do top predators engage in superpredation? From an empirical scenario to a theoretical framework. <i>Oikos</i> , 2018 , 127, 1563-1574	4	2
9	Population fluctuations and spatial synchrony in an arboreal rodent. <i>Oecologia</i> , 2019 , 191, 861-871	2.9	1
8	Weather and biotic interactions as determinants of seasonal shifts in abundance measured through nest-box occupancy in the Siberian flying squirrel. <i>Scientific Reports</i> , 2020 , 10, 14465	4.9	1

7	Habitat choice of a secondary cavity user indicates higher avoidance of disturbed habitat during breeding than during food-hoarding. <i>Forest Ecology and Management</i> , 2021 , 483, 118925	3.9	1
6	Estimating the long-term repeatability of food-hoarding behaviours in an avian predator. <i>Biology Letters</i> , 2021 , 17, 20210286	3.6	1
5	Maternally-transferred thyroid hormones and life-history variation in birds.. <i>Journal of Animal Ecology</i> , 2022 ,	4.7	1
4	Predation risk in relation to brain size in alternative prey of pygmy owls varies depending on the abundance of main prey. <i>PLoS ONE</i> , 2020 , 15, e0236155	3.7	0
3	Interaction of climate change with effects of conspecific and heterospecific density on reproduction. <i>Oikos</i> , 2020 , 129, 1807-1819	4	0
2	Long-term trends in the body condition of parents and offspring of Tengmalm's owls under fluctuating food conditions and climate change. <i>Scientific Reports</i> , 2021 , 11, 18893	4.9	0
1	Molecular Identification of sp. (Apicomplexa, Sarcocystidae) in Offspring of Tengmalm's Owls, (Aves, Strigidae).. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 804096	3.1	0