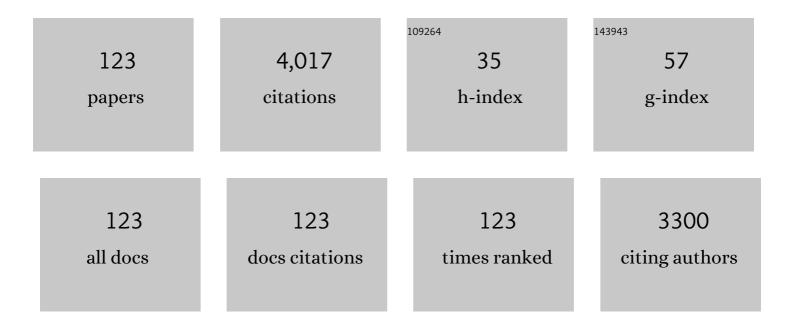
## Raine K Kortet

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Condition dependence of pheromones and immune function in the grain beetle Tenebrio molitor. Functional Ecology, 2003, 17, 534-540.	1.7	179
2	The role of juvenile hormone in immune function and pheromone production trade-offs: a test of the immunocompetence handicap principle. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 2257-2261.	1.2	171
3	Do pheromones reveal male immunocompetence?. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 1681-1685.	1.2	163
4	Courtship song and immune function in the field cricket Gryllus bimaculatus. Biological Journal of the Linnean Society, 2003, 79, 503-510.	0.7	156
5	Parasitism, predation and the evolution of animal personalities. Ecology Letters, 2010, 13, 1449-1458.	3.0	153
6	A behavioural syndrome in the field cricket Gryllus integer: intrasexual aggression is correlated with activity in a novel environment. Biological Journal of the Linnean Society, 0, 91, 475-482.	0.7	115
7	Integrating behaviour with life history: boldness of the field cricket, <i>Gryllus integer</i> , during ontogeny. Functional Ecology, 2012, 26, 450-456.	1.7	110
8	A trade-off between sexual signalling and immune function in a natural population of the drumming wolf spider Hygrolycosa rubrofasciata. Journal of Evolutionary Biology, 2005, 18, 985-991.	0.8	106
9	Male dominance and immunocompetence in a field cricket. Behavioral Ecology, 2004, 15, 187-191.	1.0	98
10	Sex differences in the repeatability of boldness over metamorphosis. Behavioral Ecology and Sociobiology, 2012, 66, 407-412.	0.6	90
11	The scent of dominance: female field crickets use odour to predict the outcome of male competition. Behavioral Ecology and Sociobiology, 2005, 59, 77-83.	0.6	88
12	Breeding-related seasonal changes in immunocompetence, health state and condition of the cyprinid fish, Rutilus rutilus, L Biological Journal of the Linnean Society, 2003, 78, 117-127.	0.7	82
13	Climate Change Promotes the Emergence of Serious Disease Outbreaks of Filarioid Nematodes. EcoHealth, 2010, 7, 7-13.	0.9	82
14	Hiding behaviour in two cricket populations that differ in predation pressure. Animal Behaviour, 2006, 72, 1111-1118.	0.8	78
15	Sexual advertisement and immune function in an arachnid species (Lycosidae). Behavioral Ecology, 2004, 15, 602-606.	1.0	75
16	Differing virulence of Aphanomyces astaci isolates and elevated resistance of noble crayfish Astacus astacus against crayfish plague. Diseases of Aquatic Organisms, 2012, 102, 129-136.	0.5	70
17	Eco-immunology in the cold: the role of immunity in shaping the overwintering survival of ectotherms. Journal of Experimental Biology, 2018, 221, .	0.8	67
18	How does variation in the environment and individual cognition explain the existence of consistent behavioral differences?. Ecology and Evolution, 2013, 3, 457-464.	0.8	65

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19	Personality pace-of-life hypothesis: testing genetic associations among personality and life history. Behavioral Ecology, 2013, 24, 935-941.	1.0	64
20	Female ornaments revisited – are they correlated with offspring quality?. Journal of Animal Ecology, 2013, 82, 26-38.	1.3	59
21	Behavioral variation shows heritability in juvenile brown trout Salmo trutta. Behavioral Ecology and Sociobiology, 2014, 68, 927-934.	0.6	57
22	Male steroid hormones and female preference for male body odor. Evolution and Human Behavior, 2006, 27, 259-269.	1.4	54
23	Latent crayfish plague (Aphanomyces astaci) infection in a robust wild noble crayfish (Astacus) Tj ETQq1 1 0.784	314 rgBT 1.7	/Oyerlock 10
24	Future feed resources in sustainable salmonid production: A review. Reviews in Aquaculture, 2022, 14, 1790-1812.	4.6	48
25	Sperm quality, secondary sexual characters and parasitism in roach (Rutilus rutilus L.). Biological Journal of the Linnean Society, 2004, 81, 111-117.	0.7	47
26	Do brain parasites alter host personality? — Experimental study in minnows. Behavioral Ecology and Sociobiology, 2014, 68, 197-204.	0.6	46
27	Dose-dependent mortality of the noble crayfish (Astacus astacus) to different strains of the crayfish plague (Aphanomyces astaci). Journal of Invertebrate Pathology, 2014, 115, 86-91.	1.5	45
28	Breeding Tubercles, Papillomatosis and Dominance Behaviour of Male Roach (Rutilus rutilus) During the Spawning Period. Ethology, 2004, 110, 591-601.	0.5	44
29	Fennoscandian distribution of an important parasite of cervids, the deer ked (Lipoptena cervi), revisited. Parasitology Research, 2010, 107, 117-125.	0.6	42
30	Experiments on the ectoparasitic deer ked that often attacks humans; preferences for body parts, colour and temperature. Bulletin of Entomological Research, 2010, 100, 279-285.	0.5	42
31	Nymphal density, behavioral development, and life history in a field cricket. Behavioral Ecology and Sociobiology, 2012, 66, 645-652.	0.6	42
32	Predicting range expansion of an ectoparasite – the effect of spring and summer temperatures on deer ked <i>Lipoptena cervi</i> (Diptera: Hippoboscidae) performance along a latitudinal gradient. Ecography, 2010, 33, 906-912.	2.1	41
33	Molecular detection of <i>Bartonella</i> spp. in deer ked pupae, adult keds and moose blood in Finland. Epidemiology and Infection, 2015, 143, 578-585.	1.0	41
34	BOTH MALE AND FEMALE SEXUAL ORNAMENTS REFLECT OFFSPRING PERFORMANCE IN A FISH. Evolution; International Journal of Organic Evolution, 2010, 64, 3149-3157.	1.1	39
35	MtDNA allows the sensitive detection and haplotyping of the crayfish plague disease agent <i>Aphanomyces astaci</i> showing clues about its origin and migration. Parasitology, 2018, 145, 1210-1218.	0.7	39
36	Detection of the Spider Predator, Hololena Nedra By NaÃ⁻ve Juvenile Field Crickets (Gryllus Integer) Using Indirect Cues. Behaviour, 2004, 141, 1189-1196.	0.4	37

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37	Vectors and transmission dynamics for Setaria tundra (Filarioidea; Onchocercidae), a parasite of reindeer in Finland. Parasites and Vectors, 2009, 2, 3.	1.0	37
38	Metabolic rate associates with, but does not generate covariation between, behaviours in western stutter-trilling crickets, <i>Gryllus integer</i> . Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162481.	1.2	37
39	Gender- and season-dependent relationships between testosterone, oestradiol and immune functions in wild roach. Journal of Fish Biology, 2004, 64, 227-240.	0.7	35
40	New bedding site examination-based method to analyse deer ked (Lipoptena cervi) infection in cervids. Parasitology Research, 2009, 104, 919-925.	0.6	35
41	Boldness as a consistent personality trait in the noble crayfish, Astacus astacus. Acta Ethologica, 2011, 14, 17-25.	0.4	35
42	The signal crayfish is vulnerable to both the As and the PsI-isolates of the crayfish plague. Knowledge and Management of Aquatic Ecosystems, 2014, , 03.	0.5	32
43	Immune function, dominance and mating success in drumming male wolf spiders Hygrolycosa rubrofasciata. Behavioral Ecology and Sociobiology, 2006, 60, 826-832.	0.6	30
44	8. Invasive Crayfish and Their Invasive Diseases in Europe with the Focus on the Virulence Evolution of the Crayfish Plague. , 2015, , 183-211.		30
45	Genetic and potential non-genetic benefits increase offspring fitness of polyandrous females in non-resource based mating system. BMC Evolutionary Biology, 2010, 10, 20.	3.2	28
46	Epizootic cutaneous papillomatosis in roach Rutilus rutilus: sex and size dependence, seasonal occurrence and between-population differences. Diseases of Aquatic Organisms, 2002, 52, 185-190.	0.5	27
47	Predator odor recognition and antipredatory response in fish: does the prey know the predator diel rhythm?. Acta Oecologica, 2007, 31, 1-7.	0.5	27
48	Spawning coloration and sperm quality in a large lake population of Arctic charr (Salmonidae:) Tj ETQq0 0 0 rgBT	/Qverlock	10 <sub>27</sub> Tf 50 30
49	Acute impacts of the deer ked (Lipoptena cervi) infestation on reindeer (Rangifer tarandus tarandus) behaviour. Parasitology Research, 2014, 113, 1489-1497.	0.6	27
50	Host determinants of among-species variation in microbiome composition in drosophilid flies. ISME Journal, 2020, 14, 217-229.	4.4	27
51	Juvenile pathogen exposure affects the presence of personality in adult field crickets. Frontiers in Ecology and Evolution, 2015, 3, .	1.1	26
52	In vitro embryo survival and early viability of larvae in relation to male sexual ornaments and parasite resistance in roach, Rutilus rutilus L. Journal of Evolutionary Biology, 2004, 17, 1337-1344.	0.8	25
53	Parasitism, condition and number of front head breeding tubercles in roach (Rutilus rutilus L.). Ecology of Freshwater Fish, 2004, 13, 119-124.	0.7	25
54	Predation risk allocation or direct vigilance response in the predator interaction between perch (Perca fluviatilis L.) and pike (Esox lucius L.)?. Ecology of Freshwater Fish, 2005, 14, 225-232.	0.7	25

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55	Effects of testosterone and β-glucan on immune functions in tench. Journal of Fish Biology, 2005, 66, 348-361.	0.7	25
56	Geographical variation in host use of a blood-feeding ectoparasitic fly: implications for population invasiveness. Oecologia, 2011, 166, 985-995.	0.9	25
57	<i>Aphanomyces astaci</i> Psl-genotype isolates from different Finnish signal crayfish stocks show variation in their virulence but still kill fast. Knowledge and Management of Aquatic Ecosystems, 2013, , 10.	0.5	25
58	Enriched rearing environment and wild genetic background can enhance survival and disease resistance of salmonid fishes during parasite epidemics. Journal of Applied Ecology, 2016, 53, 213-221.	1.9	25
59	Setaria tundra microfilariae in reindeer and other cervids in Finland. Parasitology Research, 2009, 104, 257-265.	0.6	22
60	Adult bacterial exposure increases behavioral variation and drives higher repeatability in field crickets. Behavioral Ecology and Sociobiology, 2016, 70, 1941-1947.	0.6	22
61	Sperm pre-fertilization thermal environment shapes offspring phenotype and performance. Journal of Experimental Biology, 2018, 221, .	0.8	20
62	Composition of the Eurasian perch (Perca fluviatilis) catches in ice fishing: Does capture order predict body size?. Fisheries Research, 2012, 115-116, 24-30.	0.9	19
63	Ecological Stoichiometry: A Link Between Developmental Speed and Physiological Stress in an Omnivorous Insect. Frontiers in Behavioral Neuroscience, 2019, 13, 42.	1.0	19
64	Relationship between prevalence of trematode parasite Diplostomum sp. and population density of its snail host Lymnaea stagnalis in lakes and ponds in Finland. Aquatic Ecology, 2009, 43, 351-357.	0.7	18
65	Mitochondrial genomes and comparative genomics of Aphanomyces astaci and Aphanomyces invadans. Scientific Reports, 2016, 6, 36089.	1.6	18
66	Do whitefish (Coregonus lavaretus) larvae show adaptive variation in the avoidance of microplastic ingestion?. Environmental Pollution, 2020, 262, 114353.	3.7	18
67	Threat of An Invasive Parasitic Fly, the Deer Ked ( <i>Lipoptena cervi</i> ), to the Reindeer ( <i>Rangifer) Tj ETQq1 28-36.</i>	1 0.7843 0.2	l 4 rgBT /Ovei 17
68	Experimental crossbreeding reveals strain-specific variation in mortality, growth and personality in the brown trout (Salmo trutta). Scientific Reports, 2019, 9, 2771.	1.6	17
69	Females Prefer Bold Males; an Analysis of Boldness, Mate Choice, and Bacterial Resistance in the Field CricketGryllus integer. Ecological Parasitology and Immunology, 2012, 1, 1-6.	0.0	17
70	Infectivity of trematode eye flukes in farmed salmonid fish — Effects of parasite and host origins. Aquaculture, 2009, 293, 108-112.	1.7	16
71	Effects of body size on selectivity for mating cues in different sensory modalities. Biological Journal of the Linnean Society, 2012, 105, 160-168.	0.7	16
72	Linking organismal growth, coping styles, stress reactivity, and metabolism via responses against a selective serotonin reuptake inhibitor in an insect. Scientific Reports, 2018, 8, 8599.	1.6	16

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73	Pre-fertilization exposure of sperm to nano-sized plastic particles decreases offspring size and swimming performance in the European whitefish (Coregonus lavaretus). Environmental Pollution, 2021, 291, 118196.	3.7	16
74	Variation in Resistance to the Invasive Crayfish Plague and Immune Defence in the Native Noble Crayfish. Annales Zoologici Fennici, 2014, 51, 371-389.	0.2	15
75	No evidence for an indirect benefit from female mate preference in Arctic charr Salvelinus alpinus, but female ornamentation decreases offspring viability. Biological Journal of the Linnean Society, 2011, 103, 602-611.	0.7	14
76	Personality differences in two minnow populations that differ in their parasitism and predation risk. Frontiers in Ecology and Evolution, 0, 3, .	1.1	14
77	Chemical composition and particle size influence the toxicity of nanoscale plastic debris and their co-occurring benzo(1±)pyrene in the model aquatic organisms Daphnia magna and Danio rerio. NanoImpact, 2022, 25, 100382.	2.4	14
78	Early-life temperature modifies adult encapsulation response in an invasive ectoparasite. Parasitology, 2015, 142, 1290-1296.	0.7	13
79	The signal crayfish (Pacifastacus leniusculus) in Lake Tahoe (USA) hosts multiple Aphanomyces species. Journal of Invertebrate Pathology, 2019, 166, 107218.	1.5	13
80	Hatchery selection may depress the number of motile sperm but intensify selection for their swimming velocity in the Arctic charr. Aquaculture International, 2013, 21, 405-411.	1.1	12
81	Resource availability and predation risk influence contest behavior and dominance hierarchies in crayfish. Behavioral Ecology and Sociobiology, 2016, 70, 1305-1317.	0.6	12
82	Epizootic cutaneous papillomatosis, cortisol and male ornamentation during and after breeding in the roach Rutilus rutilus. Diseases of Aquatic Organisms, 2004, 60, 189-195.	0.5	11
83	Experimental infection of the deer ked (Lipoptena cervi) has no negative effects on the physiology of the captive reindeer (Rangifer tarandus tarandus). Veterinary Parasitology, 2011, 179, 180-188.	0.7	11
84	Too important to fail? Evaluating legal adaptive capacity for increasing coastal and marine aquaculture production in EU-Finland. Marine Policy, 2019, 110, 103498.	1.5	11
85	Measured immunocompetence relates to the proportion of dead parasites in a wild roach population. Functional Ecology, 2009, 23, 187-195.	1.7	10
86	Diet and movements of pikeperch ( Sander lucioperca ) in a large oligotrophic lake with an exceptionally high pikeperch yield. Ecology of Freshwater Fish, 2019, 28, 533-543.	0.7	10
87	The joint adverse effects of aged nanoscale plastic debris and their co-occurring benzo[α]pyrene in freshwater mussel (Anodonta anatina). Science of the Total Environment, 2021, 798, 149196.	3.9	10
88	Dominance and immune function in the F1 generation of wild caught field crickets. Behaviour, 2006, 143, 701-712.	0.4	9
89	Dominance is not always an honest signal of male quality, but females may be able to detect the dishonesty. Biology Letters, 2013, 9, 20121002.	1.0	9
90	Embryonic survival and larval predator-avoidance ability in mutually ornamented whitefish. Biological Journal of the Linnean Society, 2011, 103, 593-601.	0.7	8

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91	What do male tench, Tinca tinca, advertise with morphological ornaments?. Acta Ethologica, 2005, 8, 70-78.	0.4	7
92	Avian predation on a parasitic fly of cervids during winter: can host-related cues increase the predation risk?. Biological Journal of the Linnean Society, 2012, 106, 275-286.	0.7	7
93	The relative effect of parasites and social status on sperm traits in Arctic charr. Behavioral Ecology, 2013, 24, 497-504.	1.0	7
94	Male Ornamentation in the <scp>E</scp> uropean Minnow ( <i><scp>P</scp>hoxinus phoxinus</i> ) Signals Swimming Performance. Ethology, 2013, 119, 1077-1085.	0.5	7
95	Early winter foraging success, swimming performance, and morphology of juvenile landlocked Atlantic salmon reared under semi-wild and hatchery conditions. Canadian Journal of Fisheries and Aquatic Sciences, 2020, 77, 770-778.	0.7	7
96	Does enriched rearing during early life affect sperm quality or skin colouration in the adult brown trout?. Aquaculture, 2020, 529, 735648.	1.7	7
97	Effect of epidermal papillomatosis on survival of the freshwater fish Rutilus rutilus. Diseases of Aquatic Organisms, 2003, 57, 163-165.	0.5	6
98	It takes time to see the menu from the body: an experiment on stable isotope composition in freshwater crayfishes. Knowledge and Management of Aquatic Ecosystems, 2015, , 25.	0.5	6
99	Parasite infection in a central sensory organ of fish does not affect host personality. Behavioral Ecology, 2016, 27, 1533-1538.	1.0	6
100	Maternal effects in vulnerability to eyeâ€parasites and correlations between behavior and parasitism in juvenile Arctic charr. Ecology and Evolution, 2017, 7, 8780-8787.	0.8	6
101	Non-invasive diagnosis for Philometra ovata (Nematoda) infection in the common minnow Phoxinus phoxinus. Parasitology Research, 2012, 111, 2411-2418.	0.6	5
102	Do small mammals prey upon an invasive ectoparasite of cervids?. Canadian Journal of Zoology, 2012, 90, 1044-1050.	0.4	5
103	Summer time predation on the obligatory off-host stage of an invasive ectoparasite. Parasitology, 2016, 143, 1960-1973.	0.7	5
104	Sperm motility and offspring pre- and posthatching survival in hybridization crosses among a landlocked and two anadromous Atlantic salmon populations: implications for conservation. Canadian Journal of Fisheries and Aquatic Sciences, 2021, 78, 483-492.	0.7	5
105	Emerging investigator series: perspectives on toxicokinetics of nanoscale plastic debris in organisms. Environmental Science: Nano, 2022, 9, 1566-1577.	2.2	5
106	Endogenous Seasonal Variation in the Encapsulation Response of the Noble Crayfish ( <i>Astacus) Tj ETQq0 0 0 r</i>	gBT /Over	ock 10 Tf 50
107	Passive sinking into the snow as possible survival strategy during the off-host stage in an insect ectoparasite. Folia Parasitologica, 2015, 62, .	0.7	4

<sup>108</sup> Metabolic rate in the signal crayfish (Pacifastacus leniusculus) is temporally consistent and elevated at molting. Marine and Freshwater Behaviour and Physiology, 2014, 47, 205-209. 0.4

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109	Limnothrissa miodon (Boulenger, 1906) in Lake Kariba: daily ration and population food consumption estimates, and potential application to predict the fish stock biomass from prey abundance. Hydrobiologia, 2016, 780, 99-111.	1.0	3
110	Infestation with the parasitic nematode Philometra ovata does not impair behavioral sexual competitiveness or odor attractiveness of the male European minnow (Phoxinus phoxinus). Acta Ethologica, 2016, 19, 103-111.	0.4	3
111	Sizeâ€dependent stress response in juvenile Arctic charr ( Salvelinus alpinus ) under prolonged predator conditioning. Aquaculture Research, 2019, 50, 1482-1490.	0.9	3
112	Spawning season movements of transported landlocked Atlantic salmon in a newly restored river habitat. Canadian Journal of Fisheries and Aquatic Sciences, 2021, 78, 184-192.	0.7	3
113	Prevalence and intensity of Cephalobium microbivorum (Nematoda: Diplogasterida) infection in three species of Gryllus field crickets. Parasitology Research, 2005, 97, 336-339.	0.6	2
114	Infection ecology of Philometra ovata (Nematoda: Philometridae) in a wild European minnow (Phoxinus phoxinus) population in Finland. Parasitology, 2015, 142, 926-937.	0.7	2
115	Do Metabolic Traits, Vulnerability to Angling, or Capture Method Explain Boldness Variation in Eurasian Perch?. Physiological and Biochemical Zoology, 2018, 91, 1115-1128.	0.6	2
116	Range expansion and reproduction of the ectoparasitic deer ked (Lipoptena cervi) in its novel host, the Arctic reindeer (Rangifer tarandus tarandus), in Finland. Parasitology Research, 2020, 119, 3113-3117.	0.6	2
117	Factors affecting between″ake variation in the occurrence of epidermal papillomatosis in roach, <i>Rutilus rutilus</i> (L.). Journal of Fish Diseases, 2009, 32, 263-270.	0.9	1
118	Does acoustic environment modify boldness and related life-history traits in field cricket nymphs?. Acta Ethologica, 2019, 22, 105-112.	0.4	1
119	Ultraâ€∎cute exposure to cadmium does not impair whitefish sperm motility. Journal of Fish Biology, 2021, 99, 1130-1134.	0.7	1
120	Temperature dependence of SERCA activity in thermally acclimated freshwater mussels Anodonta anatina and Unio tumidus (Bivalvia: Unionidae). Aquaculture, 2022, 555, 738188.	1.7	1
121	Does parasitic infection by the body cavity dwelling <i>Philometra ovata</i> (Nematoda) impair swimming performance of male European minnow ( <i>Phoxinus phoxinus</i> )?. Marine and Freshwater Behaviour and Physiology, 2016, 49, 47-61.	0.4	0
122	Fin morphology variation in Aphanius farsicus in two local populations. Aquaculture Reports, 2018, 11, 38-41.	0.7	0
123	Sex and Sexual Ornamentation Associated with Survival of the Cyprinid Fish, Rutilus rutilus, under Disease Stress. Ecological Parasitology and Immunology, 2013, 2, 1-4.	0.0	Ο