## Raine K Kortet

List of Publications by Year in descending order

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109264 143943 4,017 123 35 57 citations h-index g-index papers 123 123 123 3300 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Chemical composition and particle size influence the toxicity of nanoscale plastic debris and their co-occurring benzo ( $\hat{l}\pm$ )pyrene in the model aquatic organisms Daphnia magna and Danio rerio. NanoImpact, 2022, 25, 100382.	2.4	14
2	Emerging investigator series: perspectives on toxicokinetics of nanoscale plastic debris in organisms. Environmental Science: Nano, 2022, 9, 1566-1577.	2.2	5
3	Future feed resources in sustainable salmonid production: A review. Reviews in Aquaculture, 2022, 14, 1790-1812.	4.6	48
4	Temperature dependence of SERCA activity in thermally acclimated freshwater mussels Anodonta anatina and Unio tumidus (Bivalvia: Unionidae). Aquaculture, 2022, 555, 738188.	1.7	1
5	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
6	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
7	Ultraâ€acute exposure to cadmium does not impair whitefish sperm motility. Journal of Fish Biology, 2021, 99, 1130-1134.	0.7	1
8	The joint adverse effects of aged nanoscale plastic debris and their co-occurring benzo $[\hat{l}\pm]$ pyrene in freshwater mussel (Anodonta anatina). Science of the Total Environment, 2021, 798, 149196.	3.9	10
9	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
10	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
11	Host determinants of among-species variation in microbiome composition in drosophilid flies. ISME Journal, 2020, 14, 217-229.	4.4	27
12	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
13	Do whitefish (Coregonus lavaretus) larvae show adaptive variation in the avoidance of microplastic ingestion?. Environmental Pollution, 2020, 262, 114353.	3.7	18
14	Does enriched rearing during early life affect sperm quality or skin colouration in the adult brown trout?. Aquaculture, 2020, 529, 735648.	1.7	7
15	The signal crayfish (Pacifastacus leniusculus) in Lake Tahoe (USA) hosts multiple Aphanomyces species. Journal of Invertebrate Pathology, 2019, 166, 107218.	1.5	13
16	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
17	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
18	Ecological Stoichiometry: A Link Between Developmental Speed and Physiological Stress in an Omnivorous Insect. Frontiers in Behavioral Neuroscience, 2019, 13, 42.	1.0	19

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19	Sizeâ€dependent stress response in juvenile Arctic charr ( Salvelinus alpinus ) under prolonged predator conditioning. Aquaculture Research, 2019, 50, 1482-1490.	0.9	3
20	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
21	Does acoustic environment modify boldness and related life-history traits in field cricket nymphs?. Acta Ethologica, 2019, 22, 105-112.	0.4	1
22	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
23	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
24	Sperm pre-fertilization thermal environment shapes offspring phenotype and performance. Journal of Experimental Biology, 2018, 221, .	0.8	20
25	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
26	Fin morphology variation in Aphanius farsicus in two local populations. Aquaculture Reports, 2018, 11, 38-41.	0.7	0
27	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
28	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
29	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
30	Summer time predation on the obligatory off-host stage of an invasive ectoparasite. Parasitology, 2016, 143, 1960-1973.	0.7	5
31	Mitochondrial genomes and comparative genomics of Aphanomyces astaci and Aphanomyces invadans. Scientific Reports, 2016, 6, 36089.	1.6	18
32	Parasite infection in a central sensory organ of fish does not affect host personality. Behavioral Ecology, 2016, 27, 1533-1538.	1.0	6
33	Resource availability and predation risk influence contest behavior and dominance hierarchies in crayfish. Behavioral Ecology and Sociobiology, 2016, 70, 1305-1317.	0.6	12
34	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
35	Adult bacterial exposure increases behavioral variation and drives higher repeatability in field crickets. Behavioral Ecology and Sociobiology, 2016, 70, 1941-1947.	0.6	22
36	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

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37	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
38	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
39	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
40	Early-life temperature modifies adult encapsulation response in an invasive ectoparasite. Parasitology, 2015, 142, 1290-1296.	0.7	13
41	8. Invasive Crayfish and Their Invasive Diseases in Europe with the Focus on the Virulence Evolution of the Crayfish Plague. , 2015, , 183-211.		30
42	Juvenile pathogen exposure affects the presence of personality in adult field crickets. Frontiers in Ecology and Evolution, $2015, 3, .$	1.1	26
43	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
44	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
45	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
46	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
47	Do brain parasites alter host personality? — Experimental study in minnows. Behavioral Ecology and Sociobiology, 2014, 68, 197-204.	0.6	46
48	Behavioral variation shows heritability in juvenile brown trout Salmo trutta. Behavioral Ecology and Sociobiology, 2014, 68, 927-934.	0.6	57
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	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	3
51	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
52	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
53	Endogenous Seasonal Variation in the Encapsulation Response of the Noble Crayfish ( <i>Astacus) Tj ETQq1 1 0.</i>	.784314 rg 0.2	gBT_/Overlock
54	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

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55	The relative effect of parasites and social status on sperm traits in Arctic charr. Behavioral Ecology, 2013, 24, 497-504.	1.0	7
56	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
57	Female ornaments revisited – are they correlated with offspring quality?. Journal of Animal Ecology, 2013, 82, 26-38.	1.3	59
58	Personality pace-of-life hypothesis: testing genetic associations among personality and life history. Behavioral Ecology, 2013, 24, 935-941.	1.0	64
59	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
60	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
61	<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
62	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	0
63	Non-invasive diagnosis for Philometra ovata (Nematoda) infection in the common minnow Phoxinus phoxinus. Parasitology Research, 2012, 111, 2411-2418.	0.6	5
64	Do small mammals prey upon an invasive ectoparasite of cervids?. Canadian Journal of Zoology, 2012, 90, 1044-1050.	0.4	5
65	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
66	Nymphal density, behavioral development, and life history in a field cricket. Behavioral Ecology and Sociobiology, 2012, 66, 645-652.	0.6	42
67	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
68	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
69	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
70	Sex differences in the repeatability of boldness over metamorphosis. Behavioral Ecology and Sociobiology, 2012, 66, 407-412.	0.6	90
71	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
72	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

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73	Latent crayfish plague (Aphanomyces astaci) infection in a robust wild noble crayfish (Astacus) Tj ETQq1 1 0.7843	14 rgBT /( 1.7	Overlock 10
74	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
75	Embryonic survival and larval predator-avoidance ability in mutually ornamented whitefish. Biological Journal of the Linnean Society, 2011, 103, 593-601.	0.7	8
76	Geographical variation in host use of a blood-feeding ectoparasitic fly: implications for population invasiveness. Oecologia, 2011, 166, 985-995.	0.9	25
77	Boldness as a consistent personality trait in the noble crayfish, Astacus astacus. Acta Ethologica, 2011, 14, 17-25.	0.4	35
78	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
79	Fennoscandian distribution of an important parasite of cervids, the deer ked (Lipoptena cervi), revisited. Parasitology Research, 2010, 107, 117-125.	0.6	42
80	Climate Change Promotes the Emergence of Serious Disease Outbreaks of Filarioid Nematodes. EcoHealth, 2010, 7, 7-13.	0.9	82
81	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
82	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
83	Predicting range expansion of an ectoparasite – the effect of spring and summer temperatures on deer ked <i>Lipoptena cervi</i> (i): (Diptera: Hippoboscidae) performance along a latitudinal gradient. Ecography, 2010, 33, 906-912.	2.1	41
84	Parasitism, predation and the evolution of animal personalities. Ecology Letters, 2010, 13, 1449-1458.	3.0	153
85	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
86	Threat of An Invasive Parasitic Fly, the Deer Ked ( <i>Lipoptena cervi</i> ), to the Reindeer ( <i>Rangifer) Tj ETQq0 0 28-36.</i>	0 0 rgBT /Ov 0.2	verlock 10 T
87	Setaria tundra microfilariae in reindeer and other cervids in Finland. Parasitology Research, 2009, 104, 257-265.	0.6	22
88	New bedding site examination-based method to analyse deer ked (Lipoptena cervi) infection in cervids. Parasitology Research, 2009, 104, 919-925.	0.6	35
89	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
90	Measured immunocompetence relates to the proportion of dead parasites in a wild roach population. Functional Ecology, 2009, 23, 187-195.	1.7	10

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91	Factors affecting betweenâ€lake variation in the occurrence of epidermal papillomatosis in roach, <i>Rutilus rutilus </i> /i>(L.). Journal of Fish Diseases, 2009, 32, 263-270.	0.9	1
92	Infectivity of trematode eye flukes in farmed salmonid fish â€" Effects of parasite and host origins. Aquaculture, 2009, 293, 108-112.	1.7	16
93	Vectors and transmission dynamics for Setaria tundra (Filarioidea; Onchocercidae), a parasite of reindeer in Finland. Parasites and Vectors, 2009, 2, 3.	1.0	37
94	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
95	Immune function, dominance and mating success in drumming male wolf spiders Hygrolycosa rubrofasciata. Behavioral Ecology and Sociobiology, 2006, 60, 826-832.	0.6	30
96	Male steroid hormones and female preference for male body odor. Evolution and Human Behavior, 2006, 27, 259-269.	1.4	54
97	Hiding behaviour in two cricket populations that differ in predation pressure. Animal Behaviour, 2006, 72, 1111-1118.	0.8	78
98	Dominance and immune function in the F1 generation of wild caught field crickets. Behaviour, 2006, 143, 701-712.	0.4	9
99	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
100	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
101	Effects of testosterone and $\hat{l}^2$ -glucan on immune functions in tench. Journal of Fish Biology, 2005, 66, 348-361.	0.7	25
102	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
103	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
104	What do male tench, Tinca tinca, advertise with morphological ornaments?. Acta Ethologica, 2005, 8, 70-78.	0.4	7
105	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
106	Male dominance and immunocompetence in a field cricket. Behavioral Ecology, 2004, 15, 187-191.	1.0	98
107	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
108	Breeding Tubercles, Papillomatosis and Dominance Behaviour of Male Roach (Rutilus rutilus) During the Spawning Period. Ethology, 2004, 110, 591-601.	0.5	44

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109	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
110	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
111	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
112	Sexual advertisement and immune function in an arachnid species (Lycosidae). Behavioral Ecology, 2004, 15, 602-606.	1.0	75
113	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
114	Condition dependence of pheromones and immune function in the grain beetle Tenebrio molitor. Functional Ecology, 2003, 17, 534-540.	1.7	179
115	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
116	Courtship song and immune function in the field cricket Gryllus bimaculatus. Biological Journal of the Linnean Society, 2003, 79, 503-510.	0.7	156
117	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
118	Effect of epidermal papillomatosis on survival of the freshwater fish Rutilus rutilus. Diseases of Aquatic Organisms, 2003, 57, 163-165.	0.5	6
119	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
120	Do pheromones reveal male immunocompetence?. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 1681-1685.	1.2	163
121	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
122	Spawning coloration and sperm quality in a large lake population of Arctic charr (Salmonidae:) Tj ETQq0 0 0 rgBT	/Overlock	10 Tf 50 22
123	Personality differences in two minnow populations that differ in their parasitism and predation risk. Frontiers in Ecology and Evolution, 0, 3, .	1.1	14