

Kai Lindström

List of Publications by Year in descending order

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98
papers

3,541
citations

101543

36
h-index

155660

55
g-index

98
all docs

98
docs citations

98
times ranked

2313
citing authors

#	ARTICLE	IF	CITATIONS
1	How cuckoldry can decrease the opportunity for sexual selection: Data and theory from a genetic parentage analysis of the sand goby, <i>Pomatoschistus minutus</i> . Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 9151-9156.	7.1	146
2	Competition Versus Cooperation: Success of Individuals Foraging Alone and in Groups. American Naturalist, 1993, 142, 42-58.	2.1	128
3	Water turbidity by algal blooms causes mating system breakdown in a shallow-water fish, the sand goby <i>Pomatoschistus minutus</i> . Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 2361-2365.	2.6	127
4	Environmental Deterioration Compromises Socially Enforced Signals of Male Quality in Three-spined Sticklebacks. American Naturalist, 2007, 170, 184-189.	2.1	112
5	Male-Male Competition for Nest Sites in the Sand Goby, <i>Pomatoschistus minutus</i> . Oikos, 1988, 53, 67.	2.7	111
6	Size matters when three-spined sticklebacks go to school. Animal Behaviour, 1992, 43, 160-162.	1.9	104
7	The effect of resource holding potential, nest size and information about resource quality on the outcome of intruder-owner conflicts in the sand goby. Behavioral Ecology and Sociobiology, 1992, 30, 53.	1.4	101
8	Sexual selection for male parental care in the sand goby, <i>Pomatoschistus minutus</i> . Behavioral Ecology and Sociobiology, 2006, 60, 46-51.	1.4	92
9	Food access, brood size and filial cannibalism in the fantail darter, <i>Etheostoma flabellare</i> . Behavioral Ecology and Sociobiology, 1997, 40, 107-110.	1.4	88
10	Habitat-specific clutch size and cost of incubation in common eiders, <i>Somateria mollissima</i> . Oecologia, 1997, 111, 297-301.	2.0	84
11	Effects of resource holding potential and resource value on tenure at nest sites in sand gobies. Behavioral Ecology, 2005, 16, 70-74.	2.2	80
12	MODE OF SEXUAL SELECTION DETERMINED BY RESOURCE ABUNDANCE IN TWO SAND GOBY POPULATIONS. Evolution; International Journal of Organic Evolution, 1996, 50, 646-654.	2.3	75
13	Have your cake and eat it too: male sand gobies show more parental care in the presence of female partners. Behavioral Ecology, 2004, 15, 199-204.	2.2	75
14	Male size and parental care in the sand goby, <i>Pomatoschistus minutus</i> . Ethology Ecology and Evolution, 1993, 5, 97-106.	1.4	74
15	Surprising similarity of sneaking rates and genetic mating patterns in two populations of sand goby experiencing disparate sexual selection regimes. Molecular Ecology, 2001, 10, 461-469.	3.9	69
16	Sand goby (<i>Pomatoschistus minutus</i>) males exposed to an endocrine disrupting chemical fail in nest and mate competition. Hormones and Behavior, 2009, 56, 315-321.	2.1	66
17	A Quantitative Analysis of the Courtship Acoustic Behaviour and Sound Patterning in Male Sand Goby, <i>Pomatoschistus minutus</i> . Environmental Biology of Fishes, 2000, 58, 411-424.	1.0	65
18	Exposure to 17 β -ethinyl estradiol impairs courtship and aggressive behaviour of male sand gobies (<i>Pomatoschistus minutus</i>). Chemosphere, 2010, 79, 541-546.	8.2	64

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19	Repeatability of mating preferences in the sand goby. <i>Animal Behaviour</i> , 2008, 75, 55-61.	1.9	62
20	Mode of Sexual Selection Determined by Resource Abundance in Two Sand Goby Populations. <i>Evolution; International Journal of Organic Evolution</i> , 1996, 50, 646.	2.3	61
21	Use of Serum Biochemistry to Evaluate Nutritional Status and Health of Incubating Common Eiders (<i>Somateria mollissima</i>) in Finland. <i>Physiological and Biochemical Zoology</i> , 2001, 74, 333-342.	1.5	58
22	Effects of costs and benefits of brood care on filial cannibalism in the sand goby. <i>Behavioral Ecology and Sociobiology</i> , 1998, 42, 101-106.	1.4	57
23	Disruption of sexual selection in sand gobies (<i>Pomatoschistus minutus</i>) by 17 β -ethinyl estradiol, an endocrine disruptor. <i>Hormones and Behavior</i> , 2009, 55, 530-537.	2.1	57
24	Mate preference for multiple cues: interplay between male and nest size in the sand goby, <i>Pomatoschistus minutus</i> . <i>Behavioral Ecology</i> , 2007, 18, 696-700.	2.2	50
25	Who to include in measures of sexual selection is no trivial matter. <i>Ecology Letters</i> , 2010, 13, 1094-1102.	6.4	48
26	THE EVOLUTION OF FILIAL CANNIBALISM AND FEMALE MATE CHOICE STRATEGIES AS RESOLUTIONS TO SEXUAL CONFLICT IN FISHES. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 617-627.	2.3	47
27	Egg size variation and reproductive success in the Herring Gull <i>Lams argentatus</i> : adaptive or constrained size of the last egg?. <i>Ibis</i> , 1996, 138, 212-217.	1.9	47
28	Genetic mating patterns studied in pools with manipulated nest site availability in two populations of <i>Pomatoschistus minutus</i> . <i>Journal of Evolutionary Biology</i> , 2006, 19, 1641-1650.	1.7	45
29	Male interactions and female mate choice in the sand goby, <i>Pomatoschistus minutus</i> . <i>Animal Behaviour</i> , 2001, 61, 425-430.	1.9	44
30	Strong inbreeding depression in male mating behaviour in a poeciliid fish. <i>Journal of Evolutionary Biology</i> , 2009, 22, 1396-1406.	1.7	44
31	Female characteristics and parental care mode in the crching system of eiders, <i>Somateria mollissima</i> . <i>Animal Behaviour</i> , 2001, 62, 527-534.	1.9	43
32	Effects of Resource Distribution on Sexual Selection and the Cost of Reproduction in Sandgobies. <i>American Naturalist</i> , 2001, 158, 64-74.	2.1	43
33	An endocrine disrupting chemical changes courtship and parental care in the sand goby. <i>Aquatic Toxicology</i> , 2010, 97, 285-292.	4.0	39
34	Mate sampling and choosiness in the sand goby. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130983.	2.6	39
35	Predation by Birds Affects Population Structure in Breeding Sand Goby, <i>Pomatoschistus minutus</i> , Males. <i>Oikos</i> , 1992, 64, 527.	2.7	37
36	Condition and coalition formation by brood-rearing common eider females. <i>Behavioral Ecology</i> , 2003, 14, 311-317.	2.2	37

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37	Females increase current reproductive effort when future access to males is uncertain. <i>Biology Letters</i> , 2008, 4, 224-227.	2.3	35
38	Females decide whether size matters: plastic mate preferences tuned to the intensity of male-male competition. <i>Behavioral Ecology</i> , 2009, 20, 195-199.	2.2	34
39	Social preferences by male guppies, <i>Poecilia reticulata</i> , based on shoal size and sex. <i>Animal Behaviour</i> , 1993, 46, 1029-1031.	1.9	32
40	Changes in sexual selection resulting from novel habitat use in the sand goby. <i>Oikos</i> , 2004, 104, 327-335.	2.7	32
41	Fluctuating mate preferences in a marine fish. <i>Biology Letters</i> , 2010, 6, 21-23.	2.3	32
42	Environmental Effects on Male Reproductive Success and Parental Care in the Florida Flagfish <i>Jordanella floridae</i> . <i>Ethology</i> , 2001, 107, 1035-1052.	1.1	30
43	Parental Responses to Changes in Costs and Benefits Along an Environmental Gradient. <i>Environmental Biology of Fishes</i> , 2003, 67, 107-116.	1.0	30
44	Eider females form non-kin brood-rearing coalitions. <i>Molecular Ecology</i> , 2005, 14, 3903-3908.	3.9	30
45	Post-glacial establishment of locally adapted fish populations over a steep salinity gradient. <i>Journal of Evolutionary Biology</i> , 2021, 34, 138-156.	1.7	28
46	Is asynchronous hatching adaptive in herring gulls (<i>Larus argentatus</i>)?. <i>Behavioral Ecology and Sociobiology</i> , 2000, 47, 304-311.	1.4	27
47	Schooling affects growth in the three-spined stickleback, <i>Gasterosteus aculeatus</i> . <i>Journal of Fish Biology</i> , 1995, 46, 221-226.	1.6	26
48	Hurry-up and hatch: selective filial cannibalism of slower developing eggs. <i>Biology Letters</i> , 2008, 4, 160-162.	2.3	26
49	Body condition and the grouping behavior of brood-caring female common eiders (<i>Somateria</i>) <small>Tj ETQq1 1 0.784314 rgBT /Overlock 1</small>	1.4	24
50	Effect of egg predator on nest choice and nest construction in sand gobies. <i>Animal Behaviour</i> , 2013, 86, 867-871.	1.9	24
51	Egg presence, egg loss, and female mate preferences in the sand goby (<i>Pomatoschistus minutus</i>). <i>Behavioral Ecology</i> , 1996, 7, 213-217.	2.2	23
52	Effects of turbidity on prey choice of three-spined stickleback <i>Gasterosteus aculeatus</i> . <i>Marine Ecology - Progress Series</i> , 2017, 566, 159-167.	1.9	23
53	Behaviour and success of sneaker males in the sand goby, <i>Pomatoschistus minutus</i> . <i>Acta Ethologica</i> , 2001, 4, 3-9.	0.9	22
54	Immigrant reproductive dysfunction facilitates ecological speciation. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 2510-2521.	2.3	22

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55	Energetic constraints on mating performance in the sand goby. <i>Behavioral Ecology</i> , 1998, 9, 297-300.	2.2	21
56	Density-dependent sexual selection in the monogamous fish <i>Archocentrus nigrofasciatus</i> . <i>Oikos</i> , 2008, 117, 867-874.	2.7	21
57	You eat what you are: personality-dependent filial cannibalism in a fish with paternal care. <i>Ecology and Evolution</i> , 2016, 6, 1340-1352.	1.9	21
58	Should you eat your offspring before someone else does? Effect of an egg predator on filial cannibalism in the sand goby. <i>Animal Behaviour</i> , 2009, 78, 203-208.	1.9	20
59	Inbreeding avoidance in a poeciliid fish (<i>Heterandria formosa</i>). <i>Behavioral Ecology and Sociobiology</i> , 2010, 64, 1403-1414.	1.4	20
60	Repeatability of nest size choice and nest building in sand gobies. <i>Animal Behaviour</i> , 2012, 84, 913-917.	1.9	20
61	Altered trait variability in response to size-selective mortality. <i>Biology Letters</i> , 2016, 12, 20160584.	2.3	20
62	Costs and benefits of polyandry in a placental poeciliid fish <i>Heterandria formosa</i> are in accordance with the parent-offspring conflict theory of placentation. <i>Journal of Evolutionary Biology</i> , 2011, 24, 2600-2610.	1.7	19
63	Expected future reproductive success and paternal behaviour in the sand goby, <i>Pomatoschistus minutus</i> (Pisces, Gobiidae). <i>Journal of Fish Biology</i> , 1994, 44, 469-477.	1.6	18
64	Species divergence and seasonal succession in rates of mate desertion in closely related Neotropical cichlid fishes. <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 607-612.	1.4	18
65	PARENTS BENEFIT FROM EATING OFFSPRING: DENSITY-DEPENDENT EGG SURVIVORSHIP COMPENSATES FOR FILIAL CANNIBALISM. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 2087.	2.3	17
66	Male Nest Choice in Sand Gobies, <i>Pomatoschistus minutus</i> . <i>Ethology</i> , 2008, 114, 575-581.	1.1	17
67	Algal Turbidity Reduces Risk Assessment Ability of the Three-spined Stickleback. <i>Ethology</i> , 2015, 121, 548-555.	1.1	16
68	Mate compatibility, parental allocation and fitness consequences of mate choice in the sand goby <i>Pomatoschistus minutus</i> . <i>Behavioral Ecology and Sociobiology</i> , 2007, 61, 1581-1588.	1.4	15
69	Paternal care behaviour of sand gobies is determined by habitat related nest structure. <i>Behaviour</i> , 2008, 145, 39-50.	0.8	15
70	Effects of 17 β -ethinyl estradiol exposure on estrogen receptors α and β and vitellogenins A, B and C mRNA expression in the liver of sand goby (<i>Pomatoschistus minutus</i>). <i>Marine Environmental Research</i> , 2014, 96, 12-18.	2.5	15
71	Differences in the metabolic response to temperature acclimation in nine-spined stickleback (<i>Pungitius pungitius</i>) populations from contrasting thermal environments. <i>Journal of Experimental Zoology</i> , 2014, 321, 550-565.	1.2	15
72	Characterisation of the transcriptome of male and female wild-type guppy brains with RNA-Seq and consequences of exposure to the pharmaceutical pollutant, 17 β -ethinyl estradiol. <i>Aquatic Toxicology</i> , 2017, 186, 28-39.	4.0	15

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73	Prediction of lake-specific fish yield. Fisheries Research, 1989, 8, 113-128.	1.7	14
74	Parental Care and Sexual Selection. , 2008, , 377-409.		13
75	Foraging, vigilance and risk of predation in birdsâ€”a dynamic game study of ESS. Journal of Theoretical Biology, 1989, 138, 329-345.	1.7	12
76	Fish catch and water quality in small lakes. Fisheries Research, 1992, 13, 1-7.	1.7	12
77	Characterisation of genes transcriptionally upregulated in the liver of sand goby (<i>Pomatoschistus</i>) Tj ETQq1 1 0.784314 rgBT /Overlook transcripts. Chemosphere, 2013, 90, 2722-2729.	8.2	12
78	Risk-sensitive mating decisions in a visually compromised environment. Biology Letters, 2009, 5, 600-602.	2.3	11
79	Body size mediates social and environmental effects on nest building behaviour in a fish with paternal care. Oecologia, 2015, 178, 699-706.	2.0	10
80	Parental care and mate attraction in the Florida flagfish, <i>Jordanella floridae</i> . Behavioral Ecology and Sociobiology, 2003, 53, 358-363.	1.4	9
81	Water quality, fishing effort and fish yield in lakes. Fisheries Research, 1992, 15, 105-119.	1.7	8
82	Annual variation in gobiid larval density in the northern Baltic Sea. Journal of Fish Biology, 2003, 62, 413-426.	1.6	8
83	Sand goby males trade off between defence against egg predators and sneak intrusions. Journal of Zoology, 2011, 283, 269-275.	1.7	8
84	Water turbidity constrains male mating success in a marine fish. Behavioral Ecology and Sociobiology, 2019, 73, 1.	1.4	8
85	Water quality versus other determinants of species-specific yield of fish in Northern Finnish lakes. Fisheries Research, 1990, 8, 367-379.	1.7	7
86	Males Prefer Small Females in a Dichotomous Choice Test in the Poeciliid Fish <i>Heterandria formosa</i> . Ethology, 2010, 116, 736-743.	1.1	7
87	Algal blooms decrease care but increase egg survival in a fish with paternal care. Behavioral Ecology and Sociobiology, 2011, 65, 2023-2028.	1.4	7
88	Male personality and female spawning consistency in a goby with exclusive male care. Behavioral Ecology and Sociobiology, 2016, 70, 683-693.	1.4	7
89	Spatiotemporal and gender-specific parasitism in two species of gobiid fish. Ecology and Evolution, 2018, 8, 6114-6123.	1.9	7
90	Dark eyes in female sand gobies indicate readiness to spawn. PLoS ONE, 2017, 12, e0177714.	2.5	7

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91	Paternal investment with an uncertain future: effects of predator exposure on filial cannibalism and nesting behaviour. <i>Animal Behaviour</i> , 2017, 132, 81-90.	1.9	6
92	Spatial and temporal patterns of nest distribution influence sexual selection in a marine fish. <i>Oikos</i> , 2018, 127, 1104-1112.	2.7	6
93	The impact of an invasive mud crab on brood success of nest-building fish in the Northern Baltic Sea. <i>Biological Invasions</i> , 2018, 20, 981-993.	2.4	5
94	Understanding resource driven femaleâ€“female competition: ovary and liver size in sand gobies. <i>Royal Society Open Science</i> , 2019, 6, 190886.	2.4	5
95	Sperm adaptation in relation to salinity in three goby species. <i>Journal of Fish Biology</i> , 2021, 99, 607-613.	1.6	4
96	Trade-off between mate choice speed and decision accuracy under mating competition in female sand gobies. <i>Journal of Ethology</i> , 2021, 39, 55-64.	0.8	3
97	THE EVOLUTION OF FILIAL CANNIBALISM AND FEMALE MATE CHOICE STRATEGIES AS RESOLUTIONS TO SEXUAL CONFLICT IN FISHES. <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 617.	2.3	2
98	Molecular, behavioural and morphological comparisons of sperm adaptations in a fish with alternative reproductive tactics. <i>Evolutionary Applications</i> , 0, , .	3.1	1