

Charlotta Kvarnemo

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

3,139
citations

186265
28
h-index

161849
54
g-index

77
all docs

77
docs citations

77
times ranked

2333
citing authors

#	ARTICLE	IF	CITATIONS
1	The dynamics of operational sex ratios and competition for mates. <i>Trends in Ecology and Evolution</i> , 1996, 11, 404-408.	8.7	552
2	Polyandry as a mediator of sexual selection before and after mating. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120042.	4.0	193
3	Female sand gobies gain direct benefits by choosing males with eggs in their nests. <i>Behavioral Ecology and Sociobiology</i> , 1996, 39, 91-96.	1.4	175
4	Sexual conflict and life histories. <i>Animal Behaviour</i> , 2006, 71, 999-1011.	1.9	112
5	Parental behaviour in relation to food availability in the common goby. <i>Animal Behaviour</i> , 1998, 56, 1285-1290.	1.9	111
6	Effects of sex ratio on intra- and inter-sexual behaviour in sand gobies. <i>Animal Behaviour</i> , 1995, 50, 1455-1461.	1.9	106
7	Microsatellite evidence for monogamy and sex-biased recombination in the Western Australian seahorse <i>Hippocampus angustus</i> . <i>Molecular Ecology</i> , 1998, 7, 1497-1505.	3.9	102
8	Ventilation or nest defense—parental care trade-offs in a fish with male care. <i>Behavioral Ecology and Sociobiology</i> , 2006, 60, 864-873.	1.4	88
9	Variance in female quality, operational sex ratio and male mate choice in a bushcricket. <i>Behavioral Ecology and Sociobiology</i> , 1999, 45, 245-252.	1.4	84
10	Sympatric speciation as a consequence of male pregnancy in seahorses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6598-6603.	7.1	80
11	Ejaculate expenditure by male bush crickets decreases with sperm competition intensity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997, 264, 1203-1208.	2.6	79
12	MODE OF SEXUAL SELECTION DETERMINED BY RESOURCE ABUNDANCE IN TWO SAND GOBY POPULATIONS. <i>Evolution; International Journal of Organic Evolution</i> , 1996, 50, 646-654.	2.3	75
13	Evolution and maintenance of male care: is increased paternity a neglected benefit of care?. <i>Behavioral Ecology</i> , 2006, 17, 144-148.	2.2	73
14	Why do some animals mate with one partner rather than many? <sc>A</sc> review of causes and consequences of monogamy. <i>Biological Reviews</i> , 2018, 93, 1795-1812.	10.4	70
15	Surprising similarity of sneaking rates and genetic mating patterns in two populations of sand goby experiencing disparate sexual selection regimes. <i>Molecular Ecology</i> , 2001, 10, 461-469.	3.9	69
16	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
17	The importance of sperm competition risk and nest appearance for male behavior and female choice in the sand goby, <i>Pomatoschistus minutus</i> . <i>Behavioral Ecology</i> , 2005, 16, 1042-1048.	2.2	58
18	Operational sex ratios and mating competition. , 2002, , 366-382.		56

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19	Size-assortative nest choice in the absence of competition in males of the sand goby, <i>Pomatoschistus minutus</i> . <i>Environmental Biology of Fishes</i> , 1995, 43, 233-239.	1.0	55
20	Parental behaviour in relation to the occurrence of sneaking in the common goby. <i>Animal Behaviour</i> , 1998, 56, 175-179.	1.9	50
21	Sexually selected females in the monogamous Western Australian seahorse. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 521-525.	2.6	48
22	Brooding fathers, not siblings, take up nutrients from embryos. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 971-977.	2.6	46
23	The definition of sexual selection. <i>Behavioral Ecology</i> , 2021, 32, 781-794.	2.2	46
24	Temperature affects operational sex ratio and intensity of male-male competition: an experimental study of sand gobies, <i>Pomatoschistus minutus</i> . <i>Behavioral Ecology</i> , 1996, 7, 208-212.	2.2	43
25	Food affects the potential reproductive rates of sand goby females but not of males. <i>Behavioral Ecology</i> , 1997, 8, 605-611.	2.2	43
26	Reproductive compensation in broad-nosed pipefish females. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 1581-1587.	2.6	41
27	Relative costs of courtship behaviours in nest-building sand gobies. <i>Animal Behaviour</i> , 2009, 77, 541-546.	1.9	39
28	Male potential reproductive rate influences mate choice in a bushcricket. <i>Animal Behaviour</i> , 1998, 55, 1499-1506.	1.9	33
29	Costs of breeding and their effects on the direction of sexual selection. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 465-470.	2.6	33
30	Continuous but not intermittent noise has a negative impact on mating success in a marine fish with paternal care. <i>Scientific Reports</i> , 2019, 9, 5494.	3.3	31
31	Testes investment and spawning mode in pipefishes and seahorses (Syngnathidae). <i>Biological Journal of the Linnean Society</i> , 2004, 83, 369-376.	1.6	30
32	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
33	Endless forms of sexual selection. <i>PeerJ</i> , 2019, 7, e7988.	2.0	24
34	Effects of salinity on nest-building behaviour in a marine fish. <i>BMC Ecology</i> , 2016, 16, 7.	3.0	23
35	Immigrant reproductive dysfunction facilitates ecological speciation. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 2510-2521.	2.3	22
36	Evidence of rapid adaptive trait change to local salinity in the sperm of an invasive fish. <i>Evolutionary Applications</i> , 2020, 13, 533-544.	3.1	22

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37	Socially induced tactic change in 2 types of sand goby sneaker males. <i>Behavioral Ecology</i> , 2012, 23, 742-750.	2.2	20
38	Variation in Sexual Selection in Fishes. , 2008, , 303-335.		20
39	The effect of perceived female parasite load on post-copulatory male choice in a sex-role-reversed pipefish. <i>Behavioral Ecology and Sociobiology</i> , 2009, 63, 345-354.	1.4	19
40	The effect of maternal body size on embryo survivorship in the broods of pregnant male pipefish. <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 1169-1177.	1.4	19
41	Multiply mated males show higher embryo survival in a paternally caring fish. <i>Behavioral Ecology</i> , 2011, 22, 625-629.	2.2	19
42	Temperature modulates competitive behaviour: why sand goby males fight more in warmer water. <i>Ethology Ecology and Evolution</i> , 1998, 10, 105-114.	1.4	17
43	Embryo oxygenation in pipefish brood pouches: novel insights. <i>Journal of Experimental Biology</i> , 2015, 218, 1639-1646.	1.7	17
44	Infections may select for filial cannibalism by impacting egg survival in interactions with water salinity and egg density. <i>Oecologia</i> , 2015, 178, 673-683.	2.0	17
45	Non-random paternity of offspring in a highly promiscuous marine snail suggests postcopulatory sexual selection. <i>Behavioral Ecology and Sociobiology</i> , 2016, 70, 1357-1366.	1.4	15
46	Mating distribution and its temporal dynamics affect operational sex ratio: a simulation study. <i>Biological Journal of the Linnean Society</i> , 2006, 89, 551-559.	1.6	13
47	The evolutionary puzzle of egg size, oxygenation and parental care in aquatic environments. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150690.	2.6	13
48	Odour cues from suitorsâ€™ nests determine mating success in a fish. <i>Biology Letters</i> , 2015, 11, 20150021.	2.3	12
49	Filial cannibalism in a nest-guarding fish: females prefer to spawn in nests with few eggs over many. <i>Behavioral Ecology and Sociobiology</i> , 2014, 68, 1565-1576.	1.4	10
50	Mechanisms behind size-assortative nest choice by sand goby males in the absence of intrasexual competition. <i>Animal Behaviour</i> , 2012, 83, 55-62.	1.9	9
51	Hypoxia increases the risk of egg predation in a nest-guarding fish. <i>Royal Society Open Science</i> , 2016, 3, 160326.	2.4	9
52	Nutritional state â€œ a survival kit for brooding pipefish fathers. <i>Biological Journal of the Linnean Society</i> , 2017, 121, 312-318.	1.6	9
53	Sperm performance limits the reproduction of an invasive fish in novel salinities. <i>Diversity and Distributions</i> , 2021, 27, 1091-1105.	4.1	9
54	Effects of territorial damselfish on cryptic bioeroding organisms on dead <i>Acropora formosa</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2005, 327, 91-102.	1.5	8

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55	Alternative reproductive tactics are associated with sperm performance in invasive round goby from two different salinity environments. <i>Ecology and Evolution</i> , 2020, 10, 9981-9999.	1.9	7
56	Dark eyes in female sand gobies indicate readiness to spawn. <i>PLoS ONE</i> , 2017, 12, e0177714.	2.5	7
57	Title is missing!. <i>Reviews in Fish Biology and Fisheries</i> , 1998, 8, 93-98.	4.9	6
58	Evolutionary ecology of pipefish brooding structures: embryo survival and growth do not improve with a pouch. <i>Ecology and Evolution</i> , 2016, 6, 3608-3620.	1.9	6
59	Pipefish embryo oxygenation, survival, and development: egg size, male size, and temperature effects. <i>Behavioral Ecology</i> , 2019, 30, 1451-1460.	2.2	6
60	Sperm duct gland contents increase sperm velocity in the sand goby. <i>Biology Open</i> , 2019, 8, .	1.2	6
61	Ancestral Sperm Ecotypes Reveal Multiple Invasions of a Non-Native Fish in Northern Europe. <i>Cells</i> , 2021, 10, 1743.	4.1	6
62	The capacity for additional matings does not affect male mating competition in the sand goby. <i>Animal Behaviour</i> , 2006, 71, 865-870.	1.9	5
63	Understanding resource driven female competition: ovary and liver size in sand gobies. <i>Royal Society Open Science</i> , 2019, 6, 190886.	2.4	5
64	Costs and Benefits to Pregnant Male Pipefish Caring for Broods of Different Sizes. <i>PLoS ONE</i> , 2016, 11, e0156484.	2.5	5
65	Effects of mating order and male size on embryo survival in a pipefish. <i>Biological Journal of the Linnean Society</i> , 2015, 114, 639-645.	1.6	4
66	Sperm adaptation in relation to salinity in three goby species. <i>Journal of Fish Biology</i> , 2021, 99, 607-613.	1.6	4
67	Ten years of marine evolutionary biology – Challenges and achievements of a multidisciplinary research initiative. <i>Evolutionary Applications</i> , 2023, 16, 530-541.	3.1	4
68	Invader at the edge – Genomic origins and physiological differences of round gobies across a steep urban salinity gradient. <i>Evolutionary Applications</i> , 2023, 16, 321-337.	3.1	3
69	Female mate choice is not affected by mate condition in a fish with male care. <i>Acta Ethologica</i> , 2013, 16, 189-194.	0.9	2
70	Sand Goby – An Ecologically Relevant Species for Behavioural Ecotoxicology. <i>Fishes</i> , 2018, 3, 13.	1.7	2
71	Home range use in the West Australian seahorse <i>Hippocampus subelongatus</i> is influenced by sex and partner's home range but not by body size or paired status. <i>Journal of Ethology</i> , 2021, 39, 235-248.	0.8	2
72	Dark-eyed females: sexually dimorphic prespawning coloration results from sex-specific physiological response to hormone exposure in the sand goby <i>Pomatoschistus minutus</i> (Gobiiformes). <i>Journal of Herpetology</i> , 2021, 55, 101-110.	0.0	0

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73	Molecular, behavioural and morphological comparisons of sperm adaptations in a fish with alternative reproductive tactics. <i>Evolutionary Applications</i> , 0, , .	3.1	1
74	Effect of sand texture on nest quality and mating success in a fish with parental care. <i>Behavioral Ecology and Sociobiology</i> , 2019, 73, 1.	1.4	0