

Per T Smiseth

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

3,268
citations

159585

30
h-index

189892

50
g-index

122
all docs

122
docs citations

122
times ranked

1540
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial strategies in burying beetles breeding on carrion. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17890-17895.	7.1	171
2	What is parental care?. , 2012, , 1-17.		171
3	How do caring parents respond to mate loss? Differential response by males and females. Animal Behaviour, 2005, 69, 551-559.	1.9	169
4	Partial begging: an empirical model for the early evolution of offspring signalling. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 1773-1777.	2.6	167
5	Selection, Inheritance, and the Evolution of Parent-Offspring Interactions. American Naturalist, 2004, 164, 13-24.	2.1	138
6	Does resource availability affect offspring begging and parental provisioning in a partially begging species?. Animal Behaviour, 2002, 63, 577-585.	1.9	117
7	Behavioral dynamics between caring males and females in a beetle with facultative biparental care. Behavioral Ecology, 2004, 15, 621-628.	2.2	112
8	Mechanisms and fitness effects of antibacterial defences in a carrion beetle. Journal of Evolutionary Biology, 2012, 25, 930-937.	1.7	104
9	Parent-offspring conflict and co-adaptation: behavioural ecology meets quantitative genetics. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 1823-1830.	2.6	103
10	Asynchronous hatching in <i>Nicrophorus vespilloides</i> , an insect in which parents provide food for their offspring. Functional Ecology, 2006, 20, 151-156.	3.6	85
11	The quantitative genetics of sex differences in parenting. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 18430-18435.	7.1	83
12	INTERACTION BETWEEN PARENTAL CARE AND SIBLING COMPETITION: PARENTS ENHANCE OFFSPRING GROWTH AND EXACERBATE SIBLING COMPETITION. Evolution; International Journal of Organic Evolution, 2007, 61, 2331-2339.	2.3	81
13	Coadaptation of Prenatal and Postnatal Maternal Effects. American Naturalist, 2007, 170, 709-718.	2.1	64
14	Signalling of hunger when offspring forage by both begging and self-feeding. Animal Behaviour, 2004, 67, 1083-1088.	1.9	60
15	Hormonal regulation of offspring begging and mediation of parent-offspring conflict. Animal Behaviour, 2011, 81, 507-517.	1.9	54
16	Does female plumage coloration signal parental quality? A male removal experiment with the bluethroat (<i>Luscinia s. svecica</i>). Behavioral Ecology and Sociobiology, 2000, 47, 205-212.	1.4	53
17	Post-hatching parental care masks the effects of egg size on offspring fitness: a removal experiment on burying beetles. Journal of Evolutionary Biology, 2012, 25, 1815-1822.	1.7	53
18	Parental care buffers against inbreeding depression in burying beetles. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8031-8035.	7.1	51

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19	Food limitation in asynchronous bluethroat broods: effects on food distribution, nestling begging, and parental provisioning rules. <i>Behavioral Ecology</i> , 2003, 14, 793-801.	2.2	50
20	THE EVOLUTION OF REPEATED MATING IN THE BURYING BEETLE, <i>NICROPHORUS VESPILLOIDES</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 2004-2014.	2.3	50
21	Is male plumage reflectance correlated with paternal care in bluethroats?. <i>Behavioral Ecology</i> , 2001, 12, 164-170.	2.2	49
22	Parental "offspring coadaptation". , 2012, , 285-303.		49
23	PARENTS INFLUENCE ASYMMETRIC SIBLING COMPETITION: EXPERIMENTAL EVIDENCE WITH PARTIALLY DEPENDENT YOUNG. <i>Ecology</i> , 2007, 88, 3174-3182.	3.2	47
24	Evolution of parental care driven by mutual reinforcement of parental food provisioning and sibling competition. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 196-203.	2.6	46
25	Antimicrobial secretions and social immunity in larval burying beetles, <i>Nicrophorus vespilloides</i> . <i>Animal Behaviour</i> , 2013, 86, 741-745.	1.9	42
26	If you eat, I eat: resolution of sexual conflict over consumption from a shared resource. <i>Animal Behaviour</i> , 2016, 111, 175-180.	1.9	42
27	Chemical stimuli from parents trigger larval begging in burying beetles. <i>Behavioral Ecology</i> , 2010, 21, 526-531.	2.2	40
28	Adaptive switch from infanticide to parental care: how do beetles time their behaviour?. <i>Journal of Evolutionary Biology</i> , 2007, 20, 1998-2004.	1.7	36
29	Do males and females differ in the feeding of large and small siblings? An experiment with the bluethroat. <i>Behavioral Ecology and Sociobiology</i> , 1998, 42, 321-328.	1.4	35
30	Female Bluethroats (<i>Luscinia s. svecica</i>) Regularly Visit Territories of Extrapair Males before Egg Laying. <i>Auk</i> , 1995, 112, 1049-1053.	1.4	34
31	Phenotypic variation in resource acquisition influences trade-off between number and mass of offspring in a burying beetle. <i>Journal of Zoology</i> , 2014, 293, 80-83.	1.7	34
32	Intergenerational effects of inbreeding in <i>Nicrophorus vespilloides</i> : offspring suffer fitness costs when either they or their parents are inbred. <i>Journal of Evolutionary Biology</i> , 2013, 26, 843-853.	1.7	33
33	Complex Effects of Inbreeding on Biparental Cooperation. <i>American Naturalist</i> , 2015, 185, 1-12.	2.1	31
34	Biparental care is more than the sum of its parts: experimental evidence for synergistic effects on offspring fitness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180875.	2.6	30
35	Signalling of hunger by senior and junior larvae in asynchronous broods of a burying beetle. <i>Animal Behaviour</i> , 2007, 74, 699-705.	1.9	29
36	State-dependent cooperation in burying beetles: parents adjust their contribution towards care based on both their own and their partner's size. <i>Journal of Evolutionary Biology</i> , 2015, 28, 1965-1974.	1.7	29

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37	Maternal effects alter the severity of inbreeding depression in the offspring. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161023.	2.6	28
38	Maternal effects as a mechanism for manipulating male care and resolving sexual conflict over care. <i>Behavioral Ecology</i> , 2016, 27, 685-694.	2.2	27
39	Intraspecific Competition and Inbreeding Depression: Increased Competitive Effort by Inbred Males Is Costly to Outbred Opponents. <i>American Naturalist</i> , 2017, 189, 539-548.	2.1	27
40	Is there a cost to larval begging in the burying beetle <i>Nicrophorus vespilloides</i> ?. <i>Behavioral Ecology</i> , 2008, 19, 1111-1115.	2.2	25
41	Evolution of elaborate parental care: phenotypic and genetic correlations between parent and offspring traits. <i>Behavioral Ecology</i> , 2017, 28, 39-48.	2.2	25
42	Effects of Offspring and Parental Inbreeding on Parent-Offspring Communication. <i>American Naturalist</i> , 2018, 191, 716-725.	2.1	25
43	Differentiating among alternative models for the resolution of parent-offspring conflict. <i>Behavioral Ecology</i> , 2013, 24, 1185-1191.	2.2	23
44	Hormonal modulation of larval begging and growth in the burying beetle <i>Nicrophorus vespilloides</i> . <i>Animal Behaviour</i> , 2008, 75, 71-77.	1.9	22
45	Asynchronous hatching in burying beetles: a test of the peak load reduction hypothesis. <i>Animal Behaviour</i> , 2009, 77, 519-524.	1.9	21
46	Effects of Prior Contest Experience and Contest Outcome on Female Reproductive Decisions and Offspring Fitness. <i>American Naturalist</i> , 2016, 188, 319-328.	2.1	21
47	Accounting for female space sharing in St. Kilda Soay sheep (<i>Ovis Aaries</i>) results in little change in heritability estimates. <i>Journal of Evolutionary Biology</i> , 2017, 30, 96-111.	1.7	21
48	Flexible parents: joint effects of handicapping and brood size manipulation on female parental care in <i>Nicrophorus vespilloides</i> . <i>Journal of Evolutionary Biology</i> , 2018, 31, 646-656.	1.7	21
49	Begging and parent-offspring conflict in grey seals. <i>Animal Behaviour</i> , 2001, 62, 273-279.	1.9	19
50	Parental Distribution of Resources in Relation to Larval Hunger and Size Rank in the Burying Beetle <i>Nicrophorus vespilloides</i> . <i>Ethology</i> , 2008, 114, 789-796.	1.1	19
51	Adaptive consequences and heritable basis of asynchronous hatching in <i>Nicrophorus vespilloides</i> . <i>Oikos</i> , 2008, 117, 899-907.	2.7	18
52	Asynchronous hatching provides females with a means for increasing male care but incurs a cost by reducing offspring fitness. <i>Journal of Evolutionary Biology</i> , 2016, 29, 428-437.	1.7	18
53	Females manipulate behavior of caring males via prenatal maternal effects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6800-6805.	7.1	17
54	No evidence for parent-offspring competition in the burying beetle <i>Nicrophorus vespilloides</i> . <i>Behavioral Ecology</i> , 2018, 29, 1142-1149.	2.2	16

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55	Effects of variation in resource acquisition during different stages of the life cycle on life history traits and trade-offs in a burying beetle. <i>Journal of Evolutionary Biology</i> , 2019, 32, 19-30.	1.7	16
56	Evidence of equal maternal investment in the sexes in the polygynous and sexually dimorphic grey seal (<i>Halichoerus grypus</i>). <i>Behavioral Ecology and Sociobiology</i> , 1995, 36, 145-150.	1.4	15
57	Female mating preferences for outbred versus inbred males are conditional upon the female's own inbreeding status. <i>Animal Behaviour</i> , 2017, 123, 369-374.	1.9	15
58	Parental care buffers against effects of ambient temperature on offspring performance in an insect. <i>Behavioral Ecology</i> , 2019, 30, 1443-1450.	2.2	14
59	Differential effects of offspring and maternal inbreeding on egg laying and offspring performance in the burying beetle <i>Nicrophorus vespilloides</i> . <i>Journal of Evolutionary Biology</i> , 2018, 31, 1047-1057.	1.7	13
60	Sex differences in parental defence against conspecific intruders in the burying beetle <i>Nicrophorus vespilloides</i> . <i>Animal Behaviour</i> , 2018, 136, 21-29.	1.9	13
61	Negotiation between parents: does the timing of mate loss affect female compensation in <i>Nicrophorus vespilloides</i> ?. <i>Behaviour</i> , 2006, 143, 293-301.	0.8	12
62	Late-life and intergenerational effects of larval exposure to microbial competitors in the burying beetle <i>Nicrophorus vespilloides</i> . <i>Journal of Evolutionary Biology</i> , 2014, 27, 1205-1216.	1.7	12
63	Sibling competition does not exacerbate inbreeding depression in the burying beetle <i>Nicrophorus vespilloides</i> . <i>Journal of Evolutionary Biology</i> , 2016, 29, 704-710.	1.7	11
64	Asynchronous hatching in a nonavian species: a test of the hurry-up hypothesis. <i>Behavioral Ecology</i> , 2017, 28, 899-907.	2.2	11
65	Resource availability, but not polyandry, influences sibling conflict in a burying beetle <i>Nicrophorus vespilloides</i> . <i>Behavioral Ecology</i> , 2017, 28, 1093-1100.	2.2	11
66	Increased allocation to reproduction reduces future competitive ability in a burying beetle. <i>Journal of Animal Ecology</i> , 2020, 89, 1918-1926.	2.8	11
67	Parental care. , 2014, , 221-241.		11
68	No Inbreeding Avoidance by Female Burying Beetles Regardless of Whether They Encounter Males Simultaneously or Sequentially. <i>Ethology</i> , 2015, 121, 1031-1038.	1.1	10
69	Burying Beetle Larvae Discriminate Between Individual Parents and Between Some Classes of Adults. <i>Ethology</i> , 2015, 121, 395-402.	1.1	10
70	The evolution of parental care: summary, conclusions, and implications. , 2012, , 326-345.		10
71	Parent-Offspring Conflict over the Transition to Independence in <i>Nicrophorus vespilloides</i> : Parental Chemical Cues and Offspring Begging. <i>Ethology</i> , 2012, 118, 460-465.	1.1	8
72	Food deprivation affects egg laying and maternal care but not offspring performance in a beetle. <i>Behavioral Ecology</i> , 2019, 30, 1477-1487.	2.2	8

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73	No evidence of sibling cooperation in the absence of parental care in <i>Nicrophorus vespilloides</i> . Evolution; International Journal of Organic Evolution, 2018, 72, 2803-2809.	2.3	7
74	Maternity uncertainty in cobreeding beetles: females lay more and larger eggs and provide less care. Behavioral Ecology, 2020, 31, 641-650.	2.2	7
75	Evidence of equal maternal investment in the sexes in the polygynous and sexually dimorphic grey seal (<i>Halichoerus grypus</i>). Behavioral Ecology and Sociobiology, 1995, 36, 145-150.	1.4	7
76	Behaviour of female and pup grey seals <i>Halichoerus grypus</i> during the breeding period at Froan, Norway. Journal of Zoology, 1995, 236, 11-16.	1.7	6
77	Caring males do not respond to cues about losses in paternity in the burying beetle <i>Nicrophorus vespilloides</i> . Animal Behaviour, 2017, 127, 213-218.	1.9	6
78	Joint effects of brood size and resource availability on sibling competition. Animal Behaviour, 2017, 129, 25-30.	1.9	6
79	Egg size, begging behaviour and offspring fitness in <i>Nicrophorus vespilloides</i> . Animal Behaviour, 2017, 134, 201-208.	1.9	6
80	The resolution of conflict in families. Current Opinion in Insect Science, 2018, 28, 8-12.	4.4	6
81	Male Assistance in Parental Care Does Not Buffer Against Detrimental Effects of Maternal Inbreeding on Offspring. Frontiers in Ecology and Evolution, 2018, 6, .	2.2	6
82	Nutrition during sexual maturation and at the time of mating affects mating behaviour in both sexes of a burying beetle. Animal Behaviour, 2019, 151, 77-85.	1.9	6
83	Access to Resources Shapes Sex Differences Between Caring Parents. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	6
84	Offspring are predisposed to beg more towards females in the burying beetle <i>Nicrophorus vespilloides</i> . Animal Behaviour, 2018, 141, 195-201.	1.9	5
85	Resource allocation is determined by both parents and offspring in a burying beetle. Journal of Evolutionary Biology, 2020, 33, 1567-1578.	1.7	5
86	Does sibling competition have a sex-specific effect on offspring growth and development in the burying beetle <i>Nicrophorus vespilloides</i> ? Entomologia Experimentalis Et Applicata, 2008, 126, 158-164.	1.4	4
87	Female Soay sheep do not adjust their maternal care behaviour to the quality of their home range. Behavioral Ecology, 2017, 28, 962-973.	2.2	4
88	Inbred burying beetles suffer fitness costs from making poor decisions. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180419.	2.6	4
89	Coordination, Cooperation, and Conflict Between Caring Parents in Burying Beetles. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	4
90	Carry on caring: infected females maintain their parental care despite high mortality. Behavioral Ecology, 2021, 32, 738-746.	2.2	4

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91	Coadaptation of Prenatal and Postnatal Maternal Effects. <i>American Naturalist</i> , 2007, 170, 709.	2.1	4
92	Parental responses to increasing levels of handicapping in a burying beetle. <i>Behavioral Ecology</i> , 0, , .	2.2	3
93	Females adjust maternal hormone concentration in eggs according to male condition in a burying beetle. <i>Hormones and Behavior</i> , 2020, 121, 104708.	2.1	3
94	Offspring beg more toward larger females in a burying beetle. <i>Behavioral Ecology</i> , 2020, 31, 1250-1256.	2.2	2
95	VII.8. Evolution of Parental Care. , 2013, , 663-670.		1
96	Maternal effects and female manipulation: a response to comments on Paquet and Smiseth. <i>Behavioral Ecology</i> , 2016, 27, 698-699.	2.2	1
97	Parental Care. , 2019, , 301-309.		1
98	Too cool to care: a comment on Beekman et al. <i>Behavioral Ecology</i> , 2019, 30, 595-596.	2.2	1
99	Linking genetic merit to sparse behavioral data: behavior and genetic effects on lamb growth in Soay sheep. <i>Behavioral Ecology</i> , 0, , .	2.2	1
100	Adjustment of egg laying by both hosts and intraspecific brood parasites in a beetle. <i>Ethology</i> , 2021, 127, 720-730.	1.1	1
101	Parental Care. , 2017, , .		1
102	<i>Animal Parents</i>. <i>Greenwood Guides to the Animal World.</i> <i>By</i> Clive ÅRoots. Greenwood Press. Westport (Connecticut): Greenwood Publishing Group. \$65.00. xxiii + 204 p. + 8 pl.; ill.; index. 978â€0â€313â€33986â€8. 2007.. <i>Quarterly Review of Biology</i> , 2008, 83, 209-210.	0.1	0
103	Interplay between ageâ€based competitive asymmetries within the brood and direct competition between inbred and outbred offspring in a burying beetle. <i>Journal of Evolutionary Biology</i> , 2019, 32, 89-99.	1.7	0
104	Effects of inbreeding on behavioural plasticity of parentâ€offspring interactions in a burying beetle. <i>Journal of Evolutionary Biology</i> , 2020, 33, 1006-1016.	1.7	0
105	Separating differential allocation by females from direct effects of male condition in a beetle. <i>Behavioral Ecology</i> , 2021, 32, 477-487.	2.2	0